

Ref: APL/Raigarh/TPP/EMD/MoEFCC/EC/229/11/24 Date: 28.11.2024

To,

The Additional Principal Chief Conservator of Forest Ministry of Environment, Forests & Climate Change, Integrated Regional Office, Aranya Bhawan, North Block Sector 19, Naya Raipur, Atal Nagar, Chhattisgarh 492 002

Sub: Submission of Six Monthly Compliance status of Environment Clearance (EC) for 1x600 MW Raigarh Energy Generation Limited, a Coal based Thermal Power Plant at village Chote Bhandar, Bade Bhandar, Sarvani & Amali Bhona in Tehsil Pussore of Raigarh District, Chhattisgarh.

Ref: Environment clearance vide letter no. J-13012/57/2008-IA.II (T) dated 20.05.2011 and its subsequent amendment vide letter dated 16.04.2015 and 26.11.2019.

Dear Sir,

With reference to the above, please find enclosed herewith Six-Monthly Environment Clearance (EC) compliance status report along with environmental monitoring reports as Ambient Air, Water Quality, Noise level, Soil quality, CAAQM data, Met. data, Greenbelt development details, Fly ash data & CSR progress report etc. for the period of **April'2024 to September'2024** in soft copy (e-mail).

This is for your kind information and record please.

Thanking You, Yours faithfully, **for Adani Power Limited, Raigarh**

Pw.

(R N Shukla) Authorized Signatory Encl.: As above CC: Member Secretary, Central Pollution Control Board, Parivesh Bhavan, East Arjun Nagar, New Delhi – 110 032 Regional Officer Chhattisgarh Environment Conservation Board, TV Tower road, Raigarh – 496 001, Chhattisgarh

Member Secretary,

Chhattisgarh Environment Conservation Board, Prayavas Bhavan, North Block, Sector-19, Naya Raipur – 490 009, Chhattisgarh

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SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE (EC)

For

1x600 MW

Raigarh Thermal Power Plant

At

BADE BHANDAR VILLAGE, PUSSORE TEHSIL RAIGARH DISTRICT CHHATTISGARH

Submitted to:

Integrated Regional Office, Raipur Ministry of Environment, Forest and Climate Change Central Pollution Control Board, New Delhi & Chhattisgarh Environment Conservation Board, Raipur



Submitted By: Environment Management Department

Adani Power Limited

Bade & Chhote Bhandar Village, Pussore Tehsil Raigarh District, Chhattisgarh

Period: April'2024 – September'2024

TABLE OF CONTENT

SL. No.	Title	Annexures	
1	Introduction		
2	Compliance Status of Environment Clearances (EC)		
	List of Annexures		
4.	 Environmental Monitoring Report (April'2024-Sept'24) Ambient Air Monitoring Report Stack Monitoring Report Noise Monitoring Report Ground Water Analysis Report Surface Water Analysis Report Wastewater Analysis Report 		
5.	CSR Progress Report	Annexure – II	
6.	Green Belt/Plantation Details	Annexure – III	
7.	Fly Ash Generation & Utilization report	Annexure – IV	
8.	Annual Environmental statement report Annexure – V		
9.	Radioactive analysis for Coal, Fly Ash, and Pond Ash	Annexure – VI	

Introduction

Adani Power Limited, Raigarh (formerly known Raigarh Energy Generation Limited) has set up a Coal based Thermal Power Plant of capacity 1x600 MW at Village Chote Bhandar, Bade Bhandar, Sarvani & Amali Bhona, in Tehsil Pussore of Raigarh District.

Environmental Clearance has been granted by Hon'ble MoEFCC vide letter No. J-13012/57/2008-IA.II (T), dated 20.05.2010, subsequent amendment dated 16.04.2015 & transferred EC from REGL to APL, dated 24.04.2023.

Raigarh TPP has proposed expansion of existing unit of 600MW (1x600MW) Coal based the Thermal Power Plant by adding 1600 (2x800) MW deploying the state-of-the-art technology based on Ultra Super Critical Technology within the plant land area. The Terms of Reference (ToR) for proposed expansion is granted by MoEFCC, New Delhi vide File No: J-13012/57/2008.IA.II (T) dated: 23.09.2023.

Raigarh TPP has engaged NABL Accredited environment consultant M/s Vibrant Techno Lab Pvt. Ltd., Jaipur for sampling, monitoring & analysis of environmental parameters as per the statutory guidelines.

The company has adopted four peripheral villages and executing most of the CSR works which is supported by the Adani Foundation in those villages in the field of their livelihood, infrastructure development, cleanliness, community health and education.

Compliance Status on Environment Clearance

Vide letter no. F. No. J 13012/57/2008-IA. II (T), dated: 20.05.2010 and amendment dated: 16.04.2015 and extension dated 26.11.2019 & 17 & 30.07.2020 & EC transferred from Raigarh Energy Generation Limited to Adani Power Limited dated: 24.04.2023.

Sr.	Generation Limited to Adani Power Limited dated: 24.04.2023.			
No.	EC Conditions	Compliance Status		
Α.	Specific Conditions			
i	Detailed hydro-geological study shall be conducted and submitted within six months from an institute/organization of repute to assess impact of surface water regime. Specific mitigation measures shall be spelt out and action plan for implementation of the same shall be provided. It shall be ensured that the area drainage is not disturbed due to the proposed power plant.	Complied. The Hydro-geological study has been carried out by reputed institute "M/S Water Solution Pvt. Ltd. "report had submitted in previous compliance report. The entire plant area is almost flat. There are no streams within the plant premises. Regular water quality monitoring being carried out by an agency accredited by NABL & Recognized by MoEFCC.		
ii	Hydro-geological study of the area shall be also reviewed annually, and results submitted to the Ministry and concerned agency in the State Govt. In case adverse impact on ground water quantity and quality is observed at any stage, immediate mitigating steps to contain any adverse impact on groundwater shall be undertaken.	Complied. The ground water quality and ground water level monitoring being carried out on regular basis and monitoring report is enclosed as Annexure – I.		
iii	Source of water for meeting the requirement during lean season shall be specified and submitted to the Regional Office of the Ministry within three months.	Being complied. 15 MCM Water has been allotted from Mahanadi River by Water Resources Dept. This quantity is adequate to meet the plant's requirements, including the lean season.		
iv	No ground water shall be extracted for use in operation of the power plant even in lean season.	Being Complied. No ground water is being extracted for use in operation of Raigarh TPP. Water has been allotted from Mahanadi River by Water Resources Dept.		
V	No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up/operation of the power plant.	Noted & Complied. There is no water body within the power plant premises.		
vi	COC of 5.0 shall be adopted.	Being Complied COC of 5.0 is being maintained during plant operation.		

	600 (1x600) MW Coal Based Thermal Power Plant			
vii viii	Local employable youth shall be trained in skills relevant to the project for eventual employment in the project itself. The action taken report and details thereof to this effect shall be submitted to the Regional Office of the Ministry and the State Govt. Dept. concerned from time to time. Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Complied. About 70 Number of local employments has been created which is 36% of total on Roll employees. For contractual side we deployed approx. 340 number which is 43% of total contract manpower. There are no natural streams within the plant premises.		
ix	Provision for installation of FGD shall be provided for future use.	Space for FGD is provided in plant layout. However, as per MoEFCC Notification dated 05 th September 2022 APL Raigarh TPP fall under Category "C" Non-retiring TPPs and the timelines for compliance of SO2 emission is up to December 2026. Accordingly, the work is under progress & shall be completed within the scheduled time.		
x	A stack 275 m with flue gas velocity of 25 m/s shall be installed.	Complied. One flue stack 275 meters has been provided and online continuous emission monitoring system (CEMS) installed for PM, SOx & NOx. Flue gas velocity is being maintained.		
xi	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm ³ .	Complied High Efficiency Electrostatic Precipitators have been provided (ESPs) to meet particulate emission less than 50 mg/Nm ³ . Monitoring report enclosed as Annexure – I.		
xii	Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.	Complied Adequate dust suppression system like water sprinkling system, dust extraction system, dry fog dust suppression system has been installed throughout coal handling chain and bag filters in LHS, RHS bunkers and crusher house, The high concentrated slurry disposal system and closed transferring pipelines have installed for ash disposal in Dyke.		
xiii	Utilization of 100% Fly Ash generated shall be made from 4 th year of operation of the plant. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Being Complied Fly ash utilization for the period of April'2024 to September'2024 is attached as Annexure – IV.		

	600 (1x600) MW Coal Based Thermal Power Plant				
xiv	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Unutilized fly ash shall be disposed-off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) will be monitored in the bottom ash as also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	Complied. We have established two nos. of silo (Intermediate and Main) with capacity of 1000 MT & 2500 MT respectively for utilization of dry fly ash. High concentration slurry disposal system is provided for disposal of unutilized ash in ash pond. Ash water circulation system is provided. Monitoring of Mercury and other heavy metals (As, Cr, Pb etc.) is being carried out regularly and report is enclosed in Annexure – I .			
xv	Ash pond shall be lined with HDP/LDP lining or any other suitable impermeable media such that no leachate takes place at any point of time. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.	Complied Well-designed Ash Pond with LDPE lining has been established as per guidelines of MoEFCC/CEA/CPCB. Safety measures such as bund with toe wall and lining of side slope done to prevent any leachate.			
xvi	For disposal of Bottom Ash in abandoned mines (if proposed to be undertaken) it shall be ensured that the bottom and sides of the mined-out areas are adequately lined with clay before Bottom Ash is filled up. The project proponent shall inform the State Pollution Control Board well in advance before undertaking the activity.	Compliance assured, after getting approval from concerned authority.			
xvii	Green Belt consisting of 3 tiers plantations of native species around plant and at least 100 m width shall be raised. Wherever 100 m width is not feasible a 50 m width shall be raised, and adequate justification shall be submitted to the Ministry. Tree density shall not less than 2500 per ha with survival rate not less than 75 %.	Complied Green belt / plantation is developed in more than 33% of total plant area. Approximate 3,10,000 trees have been planted. Local plant species being preferred for the plantation as fast growing with thick canopy cover adequate height with longer duration of foliage, Perennial, and evergreen along with fruit bearing plants in adequate have also been planted. Greenbelt development plan has been approved by DFO. Greenbelt development status is enclosed as Annexure - III.			
xviii	Two nearest village shall be adopted and basic amenities like development of roads, drinking water supply, primary health	Complied Four nearby villages are adopted for development of basic amenities such as			

	centre, primary school etc. shall be developed in co-ordination with the district administration.	Construction of approach road, community hall, school room, safe drinking water facilities have been completed in all the adopted villages. Pond deepening work has been undertaken in village Bade bhandar and Sarwani. Tailoring training has been started from September 2022, total trained about 110 during the year. The activities carried out earlier are being monitored and sustained by the beneficiaries.
xix	The project proponent shall also adequately contribute in the development of the neighbouring villages. Special package with implementation schedule for providing fluoride free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	Development activities are being carried out in the neighboring villages. Water filter cum cooler has been provided to Govt H S School, Bade Bhandar village. CSR report enclosed as Annexure-III
xx	A good action plan for R&R (if applicable) with package for the project affected persons be submitted and implemented as per prevalent R&R policy within three months from the date of issue of this letter.	Complied The project is out of Abadi/population area. The R&R plan has already been prepared, implemented, under progress and submitted to MoEFCC & CECB, Raipur.
xxi	An amount of Rs 6.0 Crores shall be specially earmarked for development activities for tribals of the nearby villages as committed by the project proponent vide its letter dated 23.03.2010. Specific schemes for upliftment of tribal families mentioning sustainable livelihood schemes shall be submitted to the Ministry within three months with time bound implementation and in-built monitoring programme. The above amount shall be over and above the fund earmarked for CSR activities.	Being Complied. CSR activities are under implementation. CSR report enclosed as Annexure-II.
xxii	Further an amount of Rs 15.0 Crores shall be earmarked as one-time capital cost for CSR programme as committed by the project proponent vide its letter dated 23.03.2010. Subsequently a recurring expenditure of Rs 3.0 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	 Complied. INR 16.05 Crores was spent during the period of FY 2010- 2012 in CSR activities in compliance of Public hearing 2009. The CSR activities are undertaken through Adani Foundation: Infrastructure development in the villages, Livelihood Enhancement and training, Education, Community Health and Promotion of Sports and Culture. CSR report enclosed as Annexure-II

	600 (1x600) MW Coal Based Thermal Power Plant			
xxiii	While identifying CSR programme the company shall conduct need-based assessment for the nearby villages to study economic measures with action plan which can help in upliftment of poor section of society. Income generating projects consistent with the traditional skills of the people besides development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. Company shall provide separate budget for community development activities and income generating programmes. This will be in addition to vocational training for individuals imparted to take up self- employment and jobs.	Various income-generating activities were implemented and are under execution. Self Employed Tailor training conducted where 110 girls and women are trained. The company is industry partner for ITI Sariya, where Fitter, Electrician and COPA trade course is under operation. CSR report enclosed as Annexure-II		
xxiv	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	Being Complied. Social audit has been carried out by reputed institute IISWBM, Kolkata and Audit report already submitted with previous compliance report.		
XXV	Harnessing solar power within the premises of the plant particularly at available roof tops shall be undertaken and status of implementation shall be submitted periodically to the Regional Office of the Ministry.	Complied. All streetlights have been replaced with Solar & solar geysers are installed in roof top of residential complexes within plant premises.		
xxvi	A long-term study on radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter mechanism for an in- built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Complied. Radioactive analysis carried out by Board of Radiation and Isotope Technology, Department of Atomic Energy, Govt. of India. Radioactive analysis report enclosed in Annexure – VI.		
xxvii	Mercury emissions shall also be monitored. on periodic basis.	Complied Analysis report for Mercury emission monitoring in stack is enclosed in Annexure – I.		

xxix	Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, proper detailed study of soil characteristics of the mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close co- ordination with the State Pollution Control Board.	
xxx	Green Belt shall also be developed around the ash pond over and above the Green Belt around the plant boundary.	Being Complied Green belt / plantation is developed in more than 33% of total plant area. About 3,10,000 saplings have been planted. Local plant species being preferred for the plantation as fast growing with thick canopy cover adequate height with longer duration of foliage, Perennial and evergreen along with fruit bearing plants in adequate have also been planted. Greenbelt development plan has been approved by DFO. Greenbelt development status is enclosed as Annexure - III.
xxxi	preferably at the project site itself and shall be headed by an officer of appropriate superiority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the Plant who would be accountable for implementation of environmental regulations and social. impact improvement/ mitigation measures.	Complied. We have already established an Environmental Management Cell & Environment Head has direct reported to Senior Management.
xxxii	The project proponent shall formulate a well laid Corporate Environmental Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.	Complied APL Raigarh formulated Corporate Environmental Policy and formed environment management cell to ensure compliance with environmental laws and regulations.

В.	GENERAL CONDITIONS	
i	The treated effluents conforming to the prescribed standards only shall be re- circulated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.	Complied ETP has been established to treat effluents and treated water is being reused within the premises. The concept of "Zero Liquid Discharge Condition" is implemented. Separate drainage networks are established for storm water. Effluent water quality report is enclosed in Annexure – I.
ii	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation.	Complied Sewage Treatment Plants have been installed and the treated effluent is being used for plantation/greenbelt. Analysis report of STP is enclosed in Annexure – I.
iii	Rainwater harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	Complied A rainwater harvesting & recharging system has already been constructed. O4 nos. of rainwater harvesting ponds have been constructed within premises.
iv	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	Complied Adequate safety personnel are available in the plant site to take preventive control measures. Fire hydrant system provided for prevention of spontaneous fires in coal yard, especially during summer season. An Emergency Preparedness Plan is submitted to respective authorities. Following system provided for prevention of spontaneous fires in coal yard, especially during summer season. 1. For Easy access 3m gap is give on either side of coal heaps in case of vehicle or personnel movement, whenever required. 2. Thirty yard sprinkler are operational covering all heaps from both side. During dry season, all yard sprinklers are being operated twice in every shift, even if system is stopped. 3. During stacking. Dozer compaction is being done every 1.5 m of height of coal heap to mitigate air pockets in heaps preventing spontaneous combustion. 4. Continuous & whenever required, HEMM (Dozer, excavator etc.) is deployed for heap compaction & shaping & heap toe shaping. 5. Heap is covered via green aerated net to prevent any foreign VM, during dry season.

	6 Dile app is strictly maintained below 45 days			
		6. Pile age is strictly maintained below 45 days per our in-house SOP.7. Thermography is being cloned in biweekly basis to spot any internal hot spot & if spotted immediate reclaiming is done as a precaution.		
V	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Complied The fuel such as LDO and HFO are properly stored in minimum risk area & in consultation with Department of Explosives, Nagpur after getting NOC for the same. Disaster management plan (DMP) has been prepared to handle any eventuality in case of an accident taking place due to storage of oil.		
vi	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this Ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Complied 05 Nos. Piezometric wells are established within the plant premises. 02 Nos. upstream, 02 Nos are in Downstream & 01 is on cross center.		
vii	Monitoring surface water quantity and quality shall also be regularly conducted, and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	Complied The surface water samples being collected, and analysis report is enclosed as Annexure I .		
viii	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Complied First aid and sanitation for labours was provided during the construction.		
ix	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment. like earplugs/earmuffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any	Complied Necessary action has been taken to maintain noise levels in work zone area within 75 dB (A) from source during the plant operation. The personal protective equipment (PPE) are provided to workers & employees working in noisy areas. Noise level monitoring is carried out regularly. Periodic audiometric check-up is being carried out.		

	hearing loss including shifting to non- noisy/less noisy areas.	
x	Regular monitoring of ground level concentration of SO2, NOX, PM2.5& PM10 and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.	Regular monitoring of SO ₂ , NO _X , PM _{2.5} & PM ₁₀ CO and Hg is being carried and records are being maintained during construction phase as well as operational phase. Environmental monitoring report is enclosed as Annexure – I. Three online Continuous Ambient Air Quality Monitoring Station (CAAQM) System and one mobile Van for Ambient Air Quality Monitoring have been established within plant premise in consultation
xi	Provision shall be made for the housing of construction labour (as applicable) within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	All necessary facilities were provided during construction for contractual labors.
xii	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in.	Advertised in three newspapers Hindustan Times, Dainik bhaskar & Nai Duniya on 28.02.2010.
xiii	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/ representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied. Copy of Environment Clearance has been provided to concerned authority. Previous compliance status updated in company website. http://www.adanipower.com

	600 (1x600) MW Coal Base	
xiv	A separate Environment Management Cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Complied. We have already established an Environment Management Cell with well qualified staff for implementation of the stipulated environmental safeguards.
xv	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, R S P M (PM2.5& PM10), SO2, NOx (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Complied. Regular Environmental Monitoring report is being submitted to Regional office, MoEFCC, CPCB and CECB, Chhattisgarh. The environmental parameters display board provided at the main gate of the plant. Previous compliance status was updated on the company website. <u>http://www.adanipower.com</u>
xvi	The environment statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Complied The Environment Statement for the year 2023- 24 has been submitted to Chhattisgarh Environment Conservation Board (CECB) vide letter no. APL/Raigarh/ENV/CECB/208/24, dated-20.08.2024. Copy of Environmental statement report is enclosed as Annexure – V .
xvii	The project proponent shall submit six monthly reports on the status of the Implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.	Complied. Six monthly Environmental Clearance compliance status reports is regularly submitted to MoEFCC, CPCB and CECB. The same is sent by email also. Last compliance report for the period of October '23 – March'24 had been submitted via our latter no. Ref: APL/REGL/ EMD/MoEFCC/289/05/24 dated- 22.05.2024.

	600 (1x600) MW Coal Based Thermal Power Plant			
xviii	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six-monthly basis. Criteria pollutants levels including NOx (from stack & ambient air) shall be displayed at the main gate of the power plant.	Complied Previous compliance status updated in company website <u>http://www.adanipower.com</u> . The environmental parameters display board is provided at the mam gate of the Plant.		
xix	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up.	Being Complied For FY 2024-25 Environmental Protection costs are given below.		
	This cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not	Sr. No.	Activities Description	Actual Expenditure FY 2024-25 (April' 2024 to Sept'2024) (In Lakhs)
	be diverted for other purposes and year- wise expenditure should be reported to the	1	Environmental Protection O&M, ESP, Stack, CHP, Silo	100.18
	Ministry.	2	Environmental Monitoring Cost	65.13
		3	Legal & consent Fee	19.98
		4	CSR	88.69
		5	Fly Ash Management	888.2
		6	Greenbelt Development	82.44
		7	Environmental Awareness Training, WED	3.57
			Total	1248.19
xx	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Com	olied.	

xxi	Full cooperation shall be extended to the	Noted & complied.
	Scientists/Officers from the Ministry /	Full co-operation shall be extended to all
	Regional Office of the Ministry at Bangalore	concerned authorities.
	/CPCB/ SPCB who would be monitoring	
	the compliance of environmental	
	status.	
Condi	itions of EC Amendment Letter dated 16.04.20	15
i	The coal shall be transported on road	Being Complied
	through mechanically covered trucks.	Coal is being transported through tarpaulin
		covered vehicles only.
ii	Avenue plantation of 2/3 rows all along the	Being complied.
	road for transportation of coal shall be	The joint inspection of coal transportation route
	carried out by the project proponent at its	has been carried out with by Van Vikas Nigam
	own expenses in consultation with the State Government Authorities.	(Govt. of Chhattisgarh). Agency has given a
	oovernmene / denometes.	preliminary proposal for plantation in available
		avenue of around 10 km out of 50 km. The
		Proposal is under Scrutiny and finalization for
		execution.
iii	Periodic maintenance of the roads used for	Noted
	transportation of coal shall be carried out by	The proposed coal transportation road has been
	the project proponent at its own expenses	recently constructed by NHAI, therefore no
	and shall also facilitate the traffic control on	maintenance is required. Traffic vigilance and
	the roads in consultation with State	controls are provided as and when
	Government Authorities.	required by state authorities.
Condi	itions of further EC Amendment Letter dated 17	7.07.2020

	Compliance status to the MoEFCC Notification vide letter number S.O. 1561 (E) dated 21st May,
	2020on vide letter number S.O. 1561 (E) dated 21st May, 2020
1)	Setting up technology solution for emission Noted & being complied.
	i) Compliance of specified emission norms ESP has been installed with efficiency of 99.9% for Particulate Matter, as per extent and Particulate Matter (PM) emission are well
	notifications and instructions of Central within prescribed limits. Pollution Control Board, issued from time
	to time. iv) Washeries, middling and rejects are not
	 ii) In case of washeries, middling and rejects to be utilized in FBC (Fluidised Bed applicable for this Thermal Power Plant.
	Combustion) technology based thermal power plant. Washery to have linkage
	for middling and rejects in Fluidised
	Bed Combustion plants.

	600 (1x600) MW Coal Base	
i) ii) iii]	 Inanagement of Ash Ponds The thermal power plants shall comply with conditions, as notified in the Fly Ash notifications issued from time to time, without being entitled to additional capacity of fly ash pond (for existing power generation capacity) on ground of switching from washed coal to unwashed coal. Appropriate Technology solutions shall be applied to optimize water consumption for Ash management. The segregation of ash may be done at the Electro- Static Precipitator stage, if required, based on site specific conditions, to ensure maximum utilization of fly ash. Subject to 2(i) above, the thermal power plants to dispose fly ash in abandoned or working mines (to be facilitated by mine owner) with environmental 	 i) Noted & being complied. Fly Ash generation and utilization is regularly submitted to CEA, New Delhi. Enclosed as Annexure V. ii) Water requirement is being restricted to 15 MCM. Optimization of water has been incorporated as part of plant design and COC is being maintained more than 5.0. iii) Noted & being complied. iv) Noted & will be complied as & when fly ash is disposed in abandoned or working mines
i)	safeguards. ransportation Coal transportation may be undertaken by covered Railway wagon (railway wagons covered by tarpaulin or other means) and/or covered conveyor beyond the mine area. However, till such time enabling Rail transport/conveyer beyond infrastructure is not available, road transportation may be undertaken in trucks, covered by tarpaulin or other means. It shall be ensured by the thermal power plant that a) Rail siding facility or conveyer facility is set up at or near the power plant, for transportation by rail or conveyor facility is not available, ensure that the coal is transported out from the Delivery Point of the respective mine in covered trucks (by tarpaulin or other means), or any mechanized closed trucks by roads.	 Being Complied i) EC amendment had been granted for the Coal transportation by road, till the time railway line will be constructed/ commission. ii) Currently, we are transporting coal by road in tarpaulin covered truck. a) Coal is being unloaded at Vimla siding nearby Bhudevpur railway station in Raigarh district. b) Coal is being transported by tarpaulin covered truck from off- take site from being supplied Vimla siding as well as other market purchasing.

Annexure I



TEST REPORT



S.No.	Parameters		Test Method	Results	Units	NAAQS 200
	Parameter Required		As per work order			
	Sampling Duration		: 24 Hra.			
	Method of Sampling		: IS (5182			
	Scope of Monitoring		: Regulatory Requiment			
	Surrounding Activity		: Human, Vehicular & Oth	ner Act.		
	Ambient Temperature	(°C)	: Min. 25°C Max. 39°C			
	Time of Monitoring		: 09:00 TO 09:00 Hrs.	E.S.		
	Date of Monitoring	12 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	: 15/04/2024 To 16/04/20	24		
	Meteorological conditi	on during monitoring	: Clear Sky			
	Coordinates		: 21"44'21" & 83"17'21"			
	Instrument Code		: VTL/RDS/FPS/01			
	Sampling Equipment	used	RDS/FPS			
	Sample Collected By		: VTL Team			
	General Information Sampling Location	E+	: Bade Bhandar			
Sample	Sample Description : AMBIENT AIR C		TY MONITORING			
				Receipt Date	: 20/04/20	
			1	Period of Analysis		024-27/04/2024
			Raigarh 496100 Chhatlisgarh	Report Date	: 27/04/20	174
	Contract de la Carte.	Village- Chhote Bhand	iar, Post-Bade Bhandar,	Party Reference No		
Name 8	Address of the Party	+ M/s Adani Power Limit	ted	Format No	78F 07	2
Sample	Number: VTL/AA/01			Report No.	: VTL/A/2	404200006/A

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P-23)-2006, RA. 2017	69.28	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	31.59	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	17.66	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	9.12	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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Date of Monitoring

Time of Monitoring

Surrounding Activity

Scope of Monitoring

Method of Sampling

Sampling Duration

Ambient Temperature ("C)

Sample Number : VTL/AA	/01		Report No.	: VTL/A/2404200006/B
Name & Address of the Part	y : M/s Adani Power Limite	ed	Format No	; 7.8 F-02
	Village- Chhote Bhanda	ar, Post- Bade Bhandar,	Party Reference No	: NIL
	Tehsil- Pussore Dist F	Raigarh 496100 Chhattisgarh	Report Date	; 27/04/2024
			Period of Analysis	: 20/04/2024-27/04/2024
			Receipt Date	: 20/04/2024
Sample Description	: AMBIENT AIR QUALIT	Y MONITORING		
General Informat Sampling Location Sample Collected E Sampling Equipme Instrument Code	Зу	: Bade Bhandar : VTL Team : RDS/FPS : VTL/RDS/FPS/01		
Coordinates		: 21'44'21" & 83'17'21"		
Meteorological con	dition during monitoring	: Clear Sky		

Parameter Required		: As per work order	: As per work order			
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009	
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.55	mg/m³	4	
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\u _y	. Re	

: 15/04/2024 To 16/04/2024

Regulatory Requirment

Human, Vehicular & Other Act.

: 09:00 TO 09:00 Hrs.

: Min. 25*C Max. 39*C

2

: IS 5182

24 Hrs. 2

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report











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No. Parameters		Test Method	Reculte	Haite	NAAOS 300
Parameter Required	1	: As per work order			
Sampling Duration		: 24 Hrs			
Method of Sampling		: IS:5182			
Scope of Monitoring		: Regulatory Requirmen	t		
Surrounding Activity		: Human, Vehicular & O	ther Act.		
Ambient Temperature	("C)	: Min. 18"C Max. 35"C			
Time of Monitoring		: 09:30 TO 09:30 Hrs.			
Date of Monitoring		: 15/04/2024 To 16/04/2	024		
Meteorological condi	tion during monitoring	: Clear Sky			
Coordinates		: 21"43'57" & 83"17'00"			
Instrument Code		: VTL/RDS/FPS/02			
Sampling Equipment	used	: RDS/FPS			
Sample Collected By		: VTL Team			
General Information Sampling Location	n:-	: Chote Bhandar			
mple Description	: AMBIENT AIR QUALI	ITY MONITORING			
			Receipt Date	: 20/04/20	and a state of the
			Period of Analysis		24-27/04/2024
		Raigarh 496100 Chhattisgart	and the second se	: 27/04/20	124
ine a radicess of the rang		dar, Post- Bade Bhandar,	Party Reference No	1	
me & Address of the Party	. M/s Adani Power Limi	ted	Format No	7.8 F-02	
mple Number : VTL/AA/02	2		Report No.	+ VTLAZ	404200007/A
nole Number	: VTL/AA/02	: VTL/AA/02	: VTL/AA/02	: VTL/AA/02 Benort No.	: VTL/AA/02 Benart No. + VTL/A/2

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P+ 23)-2006, RA. 2017	68.73	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.59	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018	18.28	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	11.08	hð/ws	80

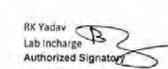
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report











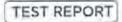
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Sample Number : VTL/AA/02				Report No.	: VTL/A/2404200007/B
Name & Address of the Party :	M/s Adani Power Limited			Format No	: 7.8 F-02
	Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No	: NIL	
	Tehsil- Pussore Dist - Rai			Report Date	: 27/04/2024
				Period of Analysis	: 20/04/2024-27/04/2024
				Receipt Date	: 20/04/2024
Sample Description ;	AMBIENT AIR QUALITY	M	ONITORING		
General Information:- Sampling Location Sample Collected By Sampling Equipment us Instrument Code Coordinates Meteorological condition	ed		Chote Bhandar VTL Team RDS/FPS VTL/RDS/FPS/02 21*43'57" & 83*17'00" Clear Sky		
Date of Monitoring		5	15/04/2024 To 16/04/20	24	
Time of Monitoring		5	09:30 TO 09:30 Hrs.		
Ambient Temperature ("C	5)	1	Min. 18*C Max. 35*C	1000	
Surrounding Activity		1	Human, Vehicular & Oth	er Act.	

Parameter Required		: As per work order	: As per work order				
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009		
1	Carbon Monoxide (as CO)	Lab SOP no: VTL/STP/02:2022, STP-08	070	mg/m³	4		
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\w ₂	H		

: Regulatory Requirment

: IS:5182

: 24 Hrs.

"BLQ-Below Limit Of Quantification, ""LOQ-Limit Of Quantification

Scope of Monitoring

Method of Sampling

Sampling Duration

End of Report









RK Yadav	-
Lab Incharge	52
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Sample Number : VTL/AA/07		Report No.	: VTL/A/2404200012/A
Name & Address of the Party : M/s Adani Power Limit	fed	Format No	7.8 F-02
Village- Chhote Bhand	lar, Post- Bade Bhandar,	Party Reference No	: NIL
Tehsil- Pussore Dist	Raigarh 496100 Chhatlisgarh	Report Date	: 27/04/2024
		Period of Analysis	: 20/04/2024-27/04/2024
		Receipt Date	: 20/04/2024
Sample Description : AMBIENT AIR QUALI	TY MONITORING		
General Information:- Sampling Location Sample Collected By	: Village Kathli : VTL Team		
Sampling Equipment used	: RDS/FPS		
Instrument Code	: VTL/RDS/FPS/03		
Coordinates	: 21"43'28" & 83"16'26"		
Meteorological condition during monitoring	: Clear Sky		
Date of Monitoring	: 16/04/2024 To 17/04/20	24	
Time of Monitoring	: 10:40 TO 10:40 Hrs.		
Ambient Temperature (*C)	: Min. 25"C Max. 41"C		
Surrounding Activity	: Human, Vehicular & Off	ter Act.	
Scope of Monitoring	: Regulatory Requirment		
Method of Sampling	: 15 5182		
Sampling Duration	: 24 Hrs.		
Parameter Required	: As per work order		

S.No.	Parameters	Test Method		Units	NAAQS 2009	
1	Particulate Matter (as PM10)	IS:5182 (P-23)-2006, RA. 2017	68.9	µg/m*	100	
2	Particulate Matter (as PM2.5)	IS:6182 (P- 24)-2019	29.1	ug/m*	60	
3	Nitrogen Dioxide (as NO2)	IS:5182 (P-6)-2006, RA.2018	19.3	µg/m³	80	
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	10.7	µg/m*	80	

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

""End of Report""

Experiment the unimaginable











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Sample Number : VTL/AAU07 Report No. Name & Address of the Party : M/s Adani Power Limited Format No Village- Chhote Bhandar, Post- Bade Bhandar, Party Refer Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh Period of A

Report No.	÷	VTL/A/2404200012/B
Format No	:	7.8 F-02
Party Reference No	;	NIL
Report Date	:	27/04/2024
Period of Analysis	-	20/04/2024-27/04/2024
Receipt Date	ą	20/04/2024

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Sample Description	: AMBIENT AIR QUALITY	YM	ONITORING
General Inform Sampling Locati			Village Kathl
Sample Collecte	d By	1	VTL Team
Sampling Equip	ment used	1	RDS/FPS
Instrument Code		:	VTL/RDS/FPS/03
Coordinates		:	21*43'28* & 83*16'26"
Meteorological d	condition during monitoring	:	Clear Sky
Date of Monitori	ng	:	16/04/2024 To 17/04/2024
Time of Monitori	ing	1	10:40 TO 10:40 Hrs.
Ambient Temper	rature (°C)	:	Min. 25°C Max. 41°C
Surrounding Act	livity	1	Human, Vehicular & Other Act.
Scope of Monito	ring	1	Regulatory Requirment
Method of Samp	ling	:	IS :5182
Sampling Durati	on	1	24 Hrs.
Parameter Requ	ired	2	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009	
1 Carbon Monoxide (as CO) 2 Mercury (as Hg)		Lab SOP no. VTL/STP/02:2022, STP-05	0.67	mg/m*	4	
		Methods of air sampling and analysis,3rd ed.,1988, Method No.317	"BLQ ("LOQ 0.5)	hð\w ₃		

*BLQ-Below Limit Of Quantification, **LOO-Limit Of Quantification

End of Report

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1						
S.No.	Parameters		Test Method	Results	Units	NAAQS 2009
14	Parameter Required		: As per work order	A		
4	Sampling Duration		: 24 Hrs			
	Method of Sampling		: IS:5182			
4	Scope of Monitoring		: Regulatory Requirment			
3	Surrounding Activity		: Human, Vehicular & Ot	her Act		
	Ambient Temperature	(°C)	: Min. 25°C Max. 41°C			
1	Time of Monitoring		: 11 30 TO 11 30 Hrs.			
1.0	Date of Monitoring		: 16/04/2024 To 17/04/20	024		
	Meteorological condit	ion during monitoring	: Clear Sky			
	Coordinates		: 21"43'33" & 83"16'6"			
	Instrument Code		: VTL/RDS/FPS/04			
4	Sampling Equipment	used	: RDS/FPS			
1	Sample Collected By		: VTL Team			
	General Information Sampling Location	1:-	: Amli Bhavan			
Sample D	Description	: AMBIENT AIR QUALIT	TY MONITORING			
				Receipt Date	: 20/04/20	024
				Period of Analysis	: 20/04/20	024-27/04/2024
		Tehsil- Pussore Dist-	Raigarh 496100 Chhatlisgarh	Report Date	: 27/04/2	024
			ar, Post- Bade Bhandar,	Party Reference No.	: NIL	
Name & A	Address of the Party	: M/s Adani Power Limits	ed	Format No	: 78F-02	2
Sample N	lumber: VTL/AA/08			Report No.	: VTL/A/2	404200013/A

				and the second
Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	66.5	µg/mª	100
Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	31.9	µg/m³	60
Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018	18.7	hð/w,	80
Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2016	11.2	µg/m³	80
	Particulate Matter (as PM2.5) Nitrogen Dioxide (as NO2)	Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA 2018	Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 31.9 Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA 2018 18.7	Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 31.9 μg/m³ Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA 2018 18.7 μg/m³

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report





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Date of Monitoring

Time of Monitoring

Surrounding Activity

Scope of Monitoring

Method of Sampling

Sampling Duration

Ambient Temperature ("C)

Sample Number : VTL/AA/08		Report No.	; VTL/A/2404200013/B
Name & Address of the Party + M/s Adani Power Limit	ted	Format No	: 7.8 F-02
Village- Chhote Bhand	lar, Post- Bade Bhandar,	Party Reference No	: NIL
Tehsil- Pussore Dist	Raigarh 496100 Chhattisgarh	Report Date	: 27/04/2024
		Period of Analysis	: 20/04/2024-27/04/2024
		Receipt Date	: 20/04/2024
Sample Description : AMBIENT AIR QUALT	TY MONITORING		
General Information:-			
Sampling Location	: Amli Bhavan		
Sample Collected By	: VTL Team		
Sampling Equipment used	: RDS/FPS		
Instrument Code	: VTL/RDS/FPS/04		
Coordinates	: 21"43'33" & 83"16'6"		
Meteorological condition during monitoring	: Clear Sky		

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2

: IS :5182

: 24 Hrs.

Parameter Required		: As per work order				
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009	
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.60	mg/m³	4	
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd. ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m³	- 2	

16/04/2024 To 17/04/2024

Human, Vehicular & Other Act.

: 11:30 TO 11:30 Hrs.

: Min. 25°C Max. 41°C

Regulatory Requirment

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report









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Sample	e Number : VTL/AA/08	1			Report No.	; VTL/A/2	2404200017/A	
Name	& Address of the Party	. M/s Adani Power Lim	tited		Format No	: 7.8 F 0	2	
	Contract in the start start	Village- Chhote Bhan	andar, Post- Bade Bhandar,		Party Reference No	: NIL		
	Tehsil- Pussore Dist - R			rh 496100 Chhallisgarh	Report Date	: 27/04/2	024	
					Period of Analysis	: 20/04/2	024-27/04/2024	
					Receipt Date	: 20/04/2	024	
Sampl	e Description	: AMBIENT AIR QUAL	ITY M	ONITORING				
	General Information Sampling Location Sample Collected By		1	Switch Yard				
	Sampling Equipment			RDS/FPS				
	Instrument Code		- 2	VTL/RDS/FPS/05				
	Coordinates			21*43'33" & 83*16'6"				
	Meteorological condi	tion during monitoring		Clear Sky				
	Date of Monitoring		:	15/04/2024 To 17/04/20	24			
	Time of Monitoring			13:00 TO 13:00 Hrs.				
	Ambient Temperature	(°C)	1	Min. 25°C Max. 41°C				
	Surrounding Activity		:	Human, Vehicular & Oth	her Act.			
	Scope of Monitoring		:	Regulatory Requirment				
	Method of Sampling		:	IS :5182				
	Sampling Duration		11	24 Hrs.				
	Parameter Required		+	As per work order				
S.No.	Parameters	i	Tes	t Method	Results	Units	NAAQS 2009	
1	Particulate Matter (as PM	110) IS:518	82 (P- 2	3)-2006, RA. 2017	68.1	µg/m*	100	
2	Particulate Matter (as PM	12.5)	S:5182	(P- 24)-2019	29.3	µg/m*	60	
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"BLQ-Below Limit Of Quantification. "LOQ-Limit Of Quantification

Nitrogen Dioxide (as NO2) Sulphur Dioxide (as SO2)

End of Report

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µg/m³

µg/m*

80

80

IS:5182 (P- 6)-2006, RA 2018

IS.5182 (P- 2)-2001, RA. 2018



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Sample Number : VTL/AA/08	1			Report No.	: VTL/A/2404200017/B
Name & Address of the Party	: M/s Adani Power Limite	ed		Format No	; 7.8 F-02
and a state of the state of the	Village- Chhole Bhanda	ar. P	ost- Bade Bhandar	Party Reference No	1 NIL
	Tehsil- Pussore Dist F	Raiga	arh 495100 Chhattisgarh	Report Date	: 27/04/2024
				Period of Analysis	: 20/04/2024-27/04/2024
				Receipt Date	: 20/04/2024
Sample Description	: AMBIENT AIR QUALIT	YM	IONITORING		
General Information	n:-				
Sampling Location		1	Switch Yard		
Sample Collected By		1	VTL Team		
Sampling Equipment	used	.:	RDS/FPS		
Instrument Code		1	VTL/RDS/FPS/05		
Coordinates		. :	21"43'33" & 83"16'6"		
Meteorological condition	tion during monitoring	12	Clear Sky		
Date of Monitoring		3	16/04/2024 To 17/04/20	24	
Time of Monitoring		:	13:00 TO 13:00 Hrs.		
Ambient Temperature	(°C)	.:	Min. 25"C Max. 41"C		
Surrounding Activity		:	Human, Vehicular & Oth	her Act.	
Scope of Monitoring		1	Regulatory Requirment		
Method of Sampling			IS :5182		
and the second se					

: 24 Hrs

Parameter Required		: As per work order	: As per work order		
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTUSTP/02:2022, STP-08	0,71	mg/m*	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð/w,	7

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

Sampling Duration

End of Report











Page No. 1/1

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Vibrant Techno Lab Pvt. Ltd.

9 SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jalpur Raj. 302020 9929108691, 9810205356, 8005707098, 9549956601 © 0141-2954638
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Sample Number : VTL/AN/02				Report No.	: VTL/N/2404200001/A
Name & Address of the Party	: M/s Adam Power Limite Village- Chhote Bhanda Tehsil- Pussore Dist - R	r, P	ost- Bade Bhandar, arh 496100 Chhattisgarh	Format No Party Reference No Report Date	: 7.8 F-04 : NIL : 27/04/2024
				Receipt Date	; 20/04/2024
Sample Description	: Ambient Noise Level M	Ion	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	; VTL Team
Protocol Used Instrument Used	: IS 9989 ; SLM			Instrument Calibration Status	Calibrated
General Information	1:-				
Sampling Location		1	Chote Bhandar		
Instrument Code		1	VTL/SLM/01		
Meteorological condit	ion during monitoring	4	Clear Sky		
Date of Monitoring		2	15/04/2024 To 16/04/20	24	
Time of Monitoring		4	06:00 TO 06:00 Hrs.		
Ambient Temperature	(°C)	:	Min 18°C Max 35°C		
Surrounding Activity		1	Human, Vehicular & Pla	nt Act	

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1 1	Leg	IS 9989 - 1981 RA:2020	53.8	42.4

: As per work order

NIA

Area Code	Category of Area/Zone	Limitsi	Limits in dB(A) Leg*		
		Day Time	Night Time		
A	Industrial area	75	70		
D	Commercial area	65	55		
c	Residential area	55	45		
D	Silence Zone	50	40		

L Day Time is from 6.00 AM to 10.00 PM.

Parameter Required

Coordinator

2. Night Time is reckoned between 10.00 PM to 6.00 AM. 3. Silence Zone is defined as an area up to 100 m around premises of Nospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of creckers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

""End of Report""











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9929108691, 9810205356, 8005707098, 9549956601

2 0141-2954638

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Sample Number : VTL/AN/01				Report No.	: VTL/N/2404200002/A
Name & Address of the Party	: M/s Adami Power Limite	-		Format No	: 7.8 F-04
	Village- Chhote Bhanda		a second s	Party Reference No	: NIL
	Tensil- Pussore Dist R	aiga	arh 496100 Chhattisgarh	Report Date	; 27/04/2024
				Receipt Date	: 20/04/2024
Sample Description	: Ambient Noise Level M	ton	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used	: IS 9989			Instrument	
Instrument Used	: SLM			Calibration Status	- Calibrated
General Informatio	n:-				
Sampling Location		:	Bade Bhandar		
Instrument Code		\mathbf{a}	VTL/SLM/02		
Meteorological condition	ion during monitoring	•	Clear Sky		
Date of Monitoring			15/04/2024 To 16/04/20	24	

Time of Monitoring Ambient Temperature (°C)

Surrounding Activity

Parameter Required

Coordinates

06:00 TO 06:00 Hrs. Min. 25°C Max. 39°C 1

Human, Vehicular & Plant Act ÷

As per work order

NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1 Leq		IS 9989 - 1981 RA:2020	51.3	40.7

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Limits in dB(A) Leq* Category of Area/Zone Day Time Night Time A Industrial area 75 70 в Commercial area 65 55 c **Residential area** 55 45 D **Silence Zone** 50 40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 5.00 AM.

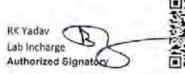
3. Silence Zone is defined as an area up to 100 m around premises of Hospitala, Educational and Courts. Use of vehicle horn, Loudspeaker and buesting of Frackers is banned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

""End of Report"











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PUTELITE THE HUHHHRRITE					
Sample Number : V	TL/AN/06			Report No.	: VTL/N/2404200008/A
Name & Address of the	Party : M/s Adani Power Limite	d		Format No	7.8 F-04
	Village- Chhote Bhanda	C		Party Reference No	: NIL
	Tehsil- Pussore Dist F	laig	arh 496100 Chhattisgarh	Report Date	: 27/04/2024
				Receipt Date	: 20/04/2024
Sample Description	: Ambient Noise Level I	Mon	ltoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used	: IS 9989			Instrument	- Calibrated
Instrument Used	: SLM			Calibration Status	
General Info	ormation:-				
Sampling Loo	ation	:	Amli Bhayan		
Instrument Co	ode	:	VTL/SLM/04		
Meteorologic	al condition during monitoring	:	Clear Sky		
Date of Monit	oring	:	16/04/2024 To 17/04/20	24	
Time of Monit	toring	:	06:00 TO 06:00 Hrs.		
Ambient Tem	perature (*C)	2	Min 25°C Max 41°C		
Surrounding	Activity	:	Human, Vehicular & Pla	int Act.	

	Coordinates	: NA	2	
S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1	Leg	IS 9989 - 1981 RA:2020	49.6	38.9

: As per work order

Area Code	Category of Area/Zone	Limits	n dB(A) Leq*
an an other		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
c	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

Parameter Required

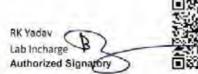
2. Night Time is reckaned between 10:00 PM to 6:00 AM. 3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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Sample Number : VTL/AN/0	5			Report No.	: VTL/N/2404200007/A
Name & Address of the Party	; M/s Adani Power Limite Village- Chhote Bhanda Tabali, Pusson Dist, P	r, P	ost- Bade Bhandar, arh 496100 Chhattisgarh	Format No Party Reference No	: 7,8 F-04 : NIL
	COURT - COSOLE DIST.	aifie	ani 490 100 Cilinatusgani	Report Date Receipt Date	: 27/04/2024 : 20/04/2024
Sample Description : Ambient Noise Level M		lon	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	: Calibrated
General Informatio	0:-				
Sampling Location		:	Village - Kathli		
Instrument Code		:	VTL/SLM/03		
Meteorological condi	tion during monitoring	x	Clear Sky		
Date of Monitoring		1	16/04/2024 To 17/04/20	24	
Time of Monitoring		:	06:00 TO 06:00 Hrs.		
Ambient Temperature	(*C)	3	Min 25°C Max 41°C		
Surrounding Activity		:	Human, Vehicular & Pla	int Act.	

: As per work order

 NA	
INM	
 0.00.0	

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA 2020	53.2	41.3

Area Code	Category of Area/Zone	Limits in dB(A) Leq*		
Street Stre		Day Time	Night Time	
A	Industrial area	75	70	
B	Commercial area	65	55	
c	Residential area	55	45	
D	Silence Zone	50	40	

1. Day Time is from 5.00 AM to 10.00 PM

Parameter Required

Coordinates

2. Night Time is reckoned between 10.00 PM to 6.00 AM. 3.Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these tones.

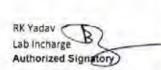
Note: More categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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CAPETIENCE DIE GRUTTAGUIDENL						
Sample Number: VTL/AN/09	3			Report No.	-	VTL/N/2404200014/A
Name & Address of the Party	: M/s Adani Power Limited		Format No	1	7.8 F-04	
	Village- Chhote Bhandar	1. C.S.	and the second se	Party Reference No	-	NIL
	Tehsil- Pussore Dist Ra	siga	arh 496100 Chhattisgarh	Report Date	4	27/04/2024
				Receipt Date	:	20/04/2024
Sample Description	: Ambient Noise Level M	on	itoring	Sampling Duration	1	24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected		VTL Team
Protocol Used	: IS 9989			Instrument		Pullbarray
Instrument Used	: SLM			Calibration Status	1	Calibrated
General Informatio	n:-					
Sampling Location		;	Switch Yard			
Instrument Code		:	VTL/SLM/05			
Meteorological condi	tion during monitoring	1	Clear Sky			
Date of Monitoring		:	15/04/2024 To 16/04/20	24		

Date of Monitoring	: 15/04/2024 To 16/04/2024
Time of Monitoring	: 06:00 TO 06:00 Hrs.
Ambient Temperature ("C)	: Min. 25°C Max. 39°C
Surrounding Activity	: Human, Vehicular & Plant Act.
Parameter Required	: As per work order
Coordinates	. NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA.2020	62.5	48.7

Area Code	Category of Area/Zone	Limits in dB(A) Leq*			
	And the second	Day Time	Night Time		
A	industrial area	75	70		
B	Commercial area	65	55		
C	Residential area	55	45		
D	Silence Zone	50	40		

1. Day Time is from 6.00 AM to 10.00 PM.

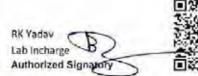
2. Night Time is reckoned between 10.00 PM to 6.00 AM. 3.5ilence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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-				IR: 11255/P. 21: 19	85 RA 2019	692.0	mg/Nm3
1	Particulate Matter (PM)			IS: 11255 (P-1) : 15	985, RA 2019	37.52	mg/Nm3
S.No.	Para	meters		Test Met	hod	Results	Units
	Coordinates		1		-		1
	Protocol used		:	IS 11255 & USEPA			
	Sampling condition		4	OK			
	Flow rate of Gas (LI	PM)	:	2.0			
	Flow rate of PM (LP		4	30			
	Velocity of Stack Ga		:	21.56			
	Temperature of Star		1	140°c			
	Ambient Temperatu	A TOTAL AND A COMMON	7	35°C			
	Meteorological Con	Evaluation of the second se	1	Clear Sky			
	Instrument calibrati	on status		Calibrated			
	Height of stack(m)	1	1	275 m			
	Make of stack Diameter of stack(m		- 2	75m			
	Stack attached to		1	RCC			
	Sampling duration (Minutes)	÷	33 min. (15:01 to 15:34 ma.) TPP			
	Date of Sampling	Minutes)	-	15/04/2024 33 min. (15:01 to 15:34 hrs.)			
	Sample Collected B	Y		VTL Team			
	Sampling Location		5	TPP			
	General Information	on:-		6.2			
Sample	Description	: Stack Emission	Mon	itoring			
		Tehsil- Pussore D	ist	Ralgarh 496100 Chhattisgarh	Report Date Period of Analysis Receipt Date	: 27/04/2024 : 20/04/2024-27/04 : 20/04/2024	/2024
ame o	Audress of the Forty			ar, Post- Bade Bhandar,	Party Reference No	A	
	Address of the Party	: M/s Adani Power	Limit	-	Format No	: 7.8 F-03	
	Number: VTL/S/01				Report No.	: VTL/S/240420000	2/A
	the second s						

č		1 OLO TEADER		
4	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ-0.001)	mg/Nm3
3	Oxide of Nitrogan (NO2)	IS-11255 (P-7), RA 2017	260.0	mg/Nm3
2	Sulphur Dioxide (SO2)	IS: 11255(P- 2): 1985, RA.2019	692,0	mg/Nm3
1	Particulate Matter (PM)	IS: 11255 (P-1) 1985, RA 2019	37.52	mg/Nm3

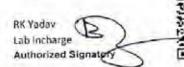
*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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	the unimaginable"			ULR No.	÷ T(C1122724000000744F	
Sampl	e Number : VTL/W	W/02		Report No.	÷ V	TL/WW/2404200011/A	
		M/s Adan	Power Limited	Format No	; 72	8 F-01	
			hhote Bhandar, Post- Bade Bhan	, and merels	nce No : N	L	
			ssore Dist Raigarh 496100 Chi	Report Date	: 27	/04/2024	
Name	& Address of the Part	¥ :		Period of Ar	alysis : 20	0/04/2024-27/04/2024	
Sampl	e Description	: Waste Wa	ater	Receipt Date	e : 20	04/2024	
Sampling Location : ETP Out Sample Collected By : VTL Tear			et.	Sampling Date Sampling Type		: 17/04/2024	
			1			rab	
Preser	vation	: Suitable P	reservation	Sample Qua	intity :21	Ltr.	
Metho	d of sampling	: IS :3025		Coordinates	: N	A	
S.No.	Test Param	eters	Test Method	Result	Unit	Limits	
1	pН		IS: 3025 (P-11): 2022	8.02	~	5.5 to 9.0	
2	Total Suspended Solid	is (TSS)	IS: 3025 (P-17): 2022	24	mg/l	100	
3	Oil & Grease		IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10.	
4 Biochemical Oxygen Demand (BOD) (3 days @ 27*C)		IS: 3025 (P-44): 1993, RA: 2019	20.20	mg/l	30		
5	Chemical oxygen Dem	and (COD)	IS : 3025 (P-58) : 2006 RA:	79.80	mg/l	250	

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report

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enence	the unimoginable"					ULR No.		: TC1122724000000745F
Samp	le Number :	VTL/WW/03				Report No.		: VTL/WW/2404200012/A
			M/s Adan	Power Limited		Format No		: 7.8 F-01
				hhote Bhandar, Post- Bade Bhar		Party Refere	nce No	
		200.1	Tehsil- Pu	issore Dist Raigarh 496100 Chi	hattisgarh	Report Date		: 27/04/2024
Name	& Address of t	he Party :				Period of An	alvsis	: 20/04/2024-27/04/2024
Samp	le Description		Waste W	ater		Receipt Date		: 20/04/2024
Sampling Location : STP Outle			st		Sampling Date		: 17/04/2024	
Samp	le Collected By	:	VTL Team	1		Sampling Ty		Grab
Prese	rvation		Suitable P	reservation		Sample Quar	ntity	:2 Ltr
Metho	d of sampling		IS :3025			Coordinates		: NA
S.No.	Test	Parameters		Test Method	R	esult	Unit	t Limits
1	рH			IS: 3025 (P-11): 2022	1	7 61	-	5.5 to 9.0
2	Total Suspende	ed Solids (TS	S)	IS: 3025 (P-17): 2022		23	mg/l	100
3	Oil & Grease	-		IS:3025 (P-39): 2021	BLQ(*	"LOQ-4.0)	mg/l	10
4 Biochemical Oxygen Demand (BOD) (3 days @ 27*C)		IS: 3025 (P-44): 1993, RA:	1	8.22	mg/l	30		
		0)	1.000	2019				

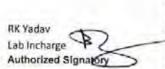
*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report











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serience	the unimaginable"		ULR No.		: TC1122724000000746F
Samp	le Number : VTL/WW/	04	Report No	L	: VTL/WW/2404200013/A
		M/s Adani Power Limited	Format No	2	: 78 F-01
		Village- Chhote Bhandar, Post- Bade Bhan		erence No	: NIL
	distant states in	Tehsil- Pussore Dist - Raigarh 496100 Chh	attisgarh Report Da	te	: 27/04/2024
Name	& Address of the Party	1	Period of	Analysis	: 20/04/2024-27/04/2024
Sample Description : Waste		: Waste Water	Receipt D.	ate	: 20/04/2024
Samp	ling Location	: Cooling Tower Blow Down	Sampling	Date	: 17/04/2024
Sample Collected By : VTL Te		: VTL Team	Sampling	Туре	: Grab
Prese	rvation	: Suitable Preservation	Sample Q	uantity	: 2 Ltr
Metho	od of sampling	± IS :3025	Coordinat	tes	: NA
S.No	. Test Paramet	ers Test Method	Result	Unit	Limits
1	Chromium (as Cr)	APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0.1)	mg/l	2
2	Zinc (as Zn)	APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	ma/l	5
3	Residual Free Chlorine	IS: 3025 (P-26):2021	0.42	mg/l	1.0

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

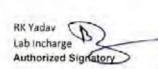
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Sampl	e Number : VTL/WW/	04		1	Report No.		: VTLM	WW/2404200013/B
		M/s Adar	Power Limited		Format No		: 7.8 F.	01
			Chhote Bhandar, Post- Bade Bhand	and the second second	Party Referen	ice No	: NIL	
	Contractor Contractor		ussore Dist Raigarh 496100 Chha	attisgarh J	Th Report Date		: 27/04/2024	
Name & Address of the Party		4			Period of Analysis		: 20/04/2024-27/04/2024	
Sampl	le Description	: Waste W	ater	1	Receipt Date		: 20/04/	2024
Sampling Location		: Cooling T	Cooling Tower Blow Down		Sampling Date		: 17/04/2024	
Sampl	le Collected By	: VTL Tear	11	5	Sampling Typ	90	: Grab	
Prese	rvation	: Suitable I	Preservation	1	Sample Quan	tity	: 2 Ltr.	
Metho	d of sampling	: IS :3025			Coordinates		:NA	
S.No.	Test Paramet	ers	Test Method	Re	sult	Uni	t	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):1988, (stannous Chloride Method) Sec.3 RA: 2022	*BLQ(**I	.OQ-0.2)	mg/		5

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report









RK Yadav Lab Incharge Authorized Signatory

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18/1K XH-1
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10 mm of all
·H.H.B.
17-51
~ ~
RC-11227

	the unimaginable"				ULR No.		: TC1122724000000742F
Sampl	e Number : VTL	AMW/05			Report No.		: VTL/WW/2404200014/A
		M/s Ad	ani Power Limited		Format No		: 7.8 F-01
			Chhote Bhandar, Post- Bade Bhan		Party Referen	nce No	: NIL
			Pussore Dist Raigarh 496100 Chh	attisgarh	Report Date		: 27/04/2024
Vame	& Address of the P	arty :			Period of An	alysis	; 20/04/2024-27/04/2024
Samp	e Description	: Waste	Water		Receipt Date		: 20/04/2024
Sampl	ing Location	: Boiler B	Now Down		Sampling Da	te	: 17/04/2024
Sample Collected By : VTL Tea		: VTL Te	/TL Team		Sampling Type		: Grab
Prese	rvation	: Suitable	Preservation		Sample Quar	ntity	: 2 Ltr.
Metho	d of sampling	: IS :302	5		Coordinates		:NA
S.No.	Test Para	ameters	Test Method	Re	sult	Unit	Limits
1	Chromium (as Cr)	-	APHA 23rd Edition 3113 B. 2017	-BLQ(*	'LOQ-0.1)	mg/l	2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	"BLQ("	'LOQ-0.2)	mg/l	5
3	Residual Free Chlo	orine	IS 3025 (P-26):2021	C C	.49	mg/l	1.0

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

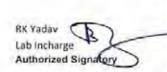
"End of Report"













Page No 1/1

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9929108691, 9810205356, 8005707098, 9549956601

2 0141-2954638 bd@vibranttechnolab.com





Sample Number: Name & Address of the Party:

Sample Description:

VTL/FA/01 M/s Adani Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist- Raigarh 496100 (Chhattisgarh) FLY ASH

Report No.: VTL/FA/2404200001 Format No.: 7.8 F-01 Party Reference No.: NIL Report Date: 27/04/2024 Period of Analysis: 20/04/2024-27/04/2024 **Receipt Date:** 20/04/2024 Sampling Date: 16/04/2024 Sampling Quantity: 250 gm.

S. No.	Parameter	Test-Method	Results	Unit
1.	Arsenic (as As)	BY AAS Method	BLQ	mg/kg
2.	Mercury (as Hg)	BY AAS Method	BLQ	mg/kg
3.	Chromium (as Cr)	BY AAS Method	0.62	mg/kg
4.	Lead (as Pb)	BY AAS Method	0.72	mg/kg
5.	Barium (as Ba)	BY AAS Method	0.37	mg/kg
6.	Cadmium (as Cd)	BY AAS Method	0.69	mg/kg
7.	Cobalt (as Co)	BY AAS Method	0.28	mg/kg
8.	Copper (as Cu)	BY AAS Method	0.55	mg/kg
9.	Fluoride (as F)	BY AAS Method	0.58	mg/kg
10.	Iron (as Fe)	BY AAS Method	0.62	mg/kg
11.	Mercury (as Hg)	BY AAS Method	0.37	mg/kg
12.	Mangnese (as Mn)	BY AAS Method	0.29	mg/kg
13.	Nickel (as Ni)	BY AAS Method	0.36	mg/kg
14.	Zinc (as Zn)	BY AAS Method	0.44	mg/kg
15.	Silica (SiO2)	IS: 1727: 1967	55.26	%
16.	Ferric Oxide (Fe2O3)	IS: 1727: 1967	8.14	%
17.	Alumina Oxide (Al2O3)	IS: 1727: 1967	30.24	%
18.	Sulphuric Anhydride (SO3)	IS: 1727: 1967	0.38	%
19.	Sodium Oxide	IS: 1727: 1967	0.039	%
20.	Potassium Oxide	IS: 1727: 1967	0.056	%
21.	Calcium Oxide	15:1727:1967	2.98	%
22.	Magnesia (MgO)	15:1727:1967	0.85	%
23.	Titanium Dioxide (Tio2)	IS: 1727: 1967	0.07	%
24.	P205	IS: 1727: 1967	0.06	96





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Sample Number: Name & Address of the Party:

Sample Description:

VTL/BA/01 M/s Adanl Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist-Raigarh 496100 (Chhattisgarh) Bottom ASH

Report No.: VTL/BA/2404200001 Format No.: 7.8 F-01 Party Reference No.: NIL Report Date: 27/04/2024 Period of Analysis: 20/04/2024-27/04/2024 **Receipt Date:** 20/04/2024 Sampling Date: 16/04/2024 Sampling Quantity: 250 gm.

S.No.	Parameter	Test-Method	Results	Unit
1,	Arsenic (as As)	BY AAS Method	BLQ	mg/kg
2.	Mercury (as Hg)	BY AAS Method	BLQ	mg/kg
3.	Chromium (as Cr)	BY AAS Method	5.97	mg/kg
4.	Lead (as Pb)	BY AAS Method	7.88	mg/kg
5.	Barium (as Ba)	BY AAS Method	0.61	mg/k
6.	Cadmium (as Cd)	BY AAS Method	1.37	mg/kg
7.	Cobalt (as Co)	BY AAS Method	0.28	mg/kg
8.	Copper (as Cu)	BY AAS Method	14.76	mg/kg
9.	Fluoride (as F)	BY AAS Method	0.59	mg/kg
10.	Iron (as Fe)	BY AAS Method	0.74	mg/kg
11.	Mercury (as Hg)	BY AAS Method	0.33	mg/kg
12.	Mangnese (as Mn)	BY AAS Method	0.37	mg/kg
13.	Nickel (as Ni)	BY AAS Method	0.32	mg/kg
14.	Zinc (as Zn)	BY AAS Method	0.96	mg/kg
15.	Silica (SiO2)	IS: 1727: 1967	56.28	%
16.	Ferric Oxide (Fe2O3)	IS: 1727: 1967	5.21	%
17.	Alumina Oxide (Al2O3)	IS: 1727: 1967	31.43	%
18.	Sulphuric Anhydride (SO3)	IS: 1727: 1967	0.28	%
19.	Sodium Oxide	IS: 1727: 1967	0.26	9%
20.	Potassium Oxide	15:1727:1967	0.25	%
21.	Calcium Oxide	15:1727:1967	3.41	9/0
22.	Magnesia (MgO)	IS: 1727: 1967	0.79	%
23.	Titanium Dioxide (Tio2)	15:1727:1967	0.26	%
24.	P205	IS: 1727: 1967	0.28	%





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Sample Number: Name & Address of the Party: VTL/WL/01 M/s Adani Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist- Raigarh 496100 (Chhattisgarh)

Report No.:	VTL/WL/2404200001-03
Format No.:	7.8 F-01
Party Reference No.:	NIL
Report Date:	27/04/2024
Receipt Date:	20/04/2024
Date of Monitoring	17/04/2024

Sample Collected By Sample Description: VTL Team Ground Water Level Monitoring

S.No.	Location	Depth (In meter)
1.	Piezometer Well No 02	1.65
2,	Piezometer Well No 03	2.36
3.	Piezometer Well No 04	4.58





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evience	he wimpumable*			ULR No.		: TC1/2272400	0000526F
Sample	e Number VTL/W/01			Report N	ia.	: VTL/W/24042	AIROCOU
Name	& Address of the Party	: M/s Adani Power Limited		Format f	Vo.	2 7.8 F-D1	
		Village- Chhote Bhandar, Post- Bade B		Party Re	ference No	= NIL.	
		Tehsil- Pussore Dist - Raigarh 496100	Chhattisgath	Report D	late	: 27/04/2024	
				Period o	f Analysia	: 20/04/2024-27	/04/2024
	e Description	Water Sample		Receipt		; 20/04/2024	
	ing Location	: Amt Bhavan		Samplin	-	: 17/04/2024	
	e Collected By	VTL Team		Samplin	g Type Quantity	l Grab	
1000	vation	: Suitable Preservation				+ 2 Ltr	
_	d of sampling	3 IS 3025	-	Coordin	1	÷NA	
S.No.	Test Parameters	Test Method	Resu	Its	Units	IS:105	00-2012
						Acceptable Limit	Permissible Limit
1/2	pH (at 25°C)	IS: 3025 (P-11): 2022	7.86	i -	*	6,5 to 8,5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1964, RA 2017	*BLQ(**LC	0-1.0)	NTU	ţ	5
3	Total Hardness (as CaCC	03) IS: 3025 (P-21): 2009, RA 2019	200.	0	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40) 1991 RA 2019	69.8	2	mg/l	7B	200
5	Total Alkalinity (as CaCO	3) IS: 3025 (P-23); 1966, RA 2019	201.	0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1968, RA 2019	128.3	i0	nga	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46); 1994, RA 2019	23.5	1	mg/l	-30	100
8	Total Dissolved Solids	IS :3025 (P-16): 1984, RA 2017	587	0	mg/l	500	2000
9	Sulphate (ss.SO4)	IS: 3025 (P-24), 1986, RA 2022	36.2	4	mg/l	200	400
10	Fluonde (as F)	APHA 23rd Edition 4500FD 2017	0.55	j	ngit	1,0	15
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	21.7	3	mg/l	45.0	No Relaxation
12	Iron (as Fø)	APHA 23rd Edition , 31119,2017	0.31		mgrit	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55). 2003. RA 2019	*8LQ(**LO	0-0.03 }	mgri	0.03	02
14	Boton (as B)	APHA 23rd Edition. 4500B,2017	*BLQ(**LC	XQ-0.2}	mg/i	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C 2017	"BLQI""LO	2-0.001)	n:g/l	0.001	0 002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.37		night	50	15.0
17	Copper (as Cu)	APHA 23rd Edition 31118 2017	*BLQ(**LO	Q-0.02)	mg/l	0.05	1.5











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	he unimaginable"		ULR No		: TC112272400	a tar anna	
	Number: VTL/W/01		Report	1	; VTLAW/24042	2720 X	
S.No,	Test Parameters	ameters Test Method	Results	Units	IS:10500-2012		
		10.000			Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 30300, 3111 B, 2017	*BLQ(**LOQ-0.05)	mgil	01	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mgil	0.01	No Relaxator	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	nigit	0.01	0.05	
21	Total Colform	IS: 15185.2016	Absent	per 100 mi	Shall not be detectable in any 100 mi sample	-	
22	E.Coli	IS 15185 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1988 Sec: RA :2022	'BLQ["LOQ-0.3)	ngn	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mgA	0.05	No Relakation	
25	Free Residual Chlorine	(S 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mgil	0.2	1.0	

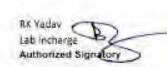
*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report











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SEX JOHCE,	the number of the							
Sampl	e Number : VTL/W/01				Report I	lo.	: VTL/W/24042	00009/E
Name	& Address of the Party	: Mis Adani Pow	er Limited		Format	No	: 78 F-01	
			e Bhandar, Post- Bede B	and the second sec	Party Re	ference No	: NIL	
		Tehsil- Pusson	e Dist - Raigarh 496100 (Chhaltsgarh	Report I	Date	: 27/04/2024	
					Period o	f Analysis	; 20/04/2024-27	/04/2024
Sampl	e Description	: Water Sample	6.1		Receipt	Date	: 20/04/2024	
Sampl	ing Location	: Amil Bhavan			Samplin	g Date	: 17/04/2024	
Sampl	e Collected By	: VTL Team			Samplin	д Туре	: Grab	
Preser	vation	: Suitable Prese	rvation		Sample	Quantity	12 Lh	
Metho	d of sampling	: 15 3025			Coordin	ates	; NA	
S.No.	Test Parameter		Test Method	Resu	Its	Units	IS:105	00-2012
							Acceptable Limit	Permissible Limit
Y	Colour	15 : 302	5 (P-4)1983, RA 2017	"BLQ!""LC	Q-5 0)	Hazen	5	15
2	Odour	IS : 3	025 (P-6) · RA 2018	Agreea	bie	~~	Agreeable	Agreeable
3	Taste	IS :3025	5 (P-8): 1964 RA 2017	Agreea	ible	1	Agreeable	Agreeable
4	Cyanida (as CN)	A	PHA 23rd Edition	"BLQ(""LO	Q-0.02)	mg/l	0.05	No Relaxation

× .	Colour	IS: 3025:(P-4)1983, RA 2017	"BLQ(""LOQ-5 0)	Hazen	5	15
2	Odpur	IS : 3025 (P-5) · RA 2018	Agreeable		Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017 Ac		-	Agreeatile	Agreeable
4	Cyanida (as CN)	APHA 23rd Edition 4500D 2017	"BLQ(""LOQ-0.02)	mg/l	0,05	No Relaxation
5	Mineral Oil	IS 3025 (P-39) 1989	*BLQ(**LOQ-0.05)	mg/t	0.5	No Relaxation
6	Anionic Detergents (as MBAS)	APHA 23rd Edition , 5540C 2017	"BLQ(""LOQ-0.05)	mgn	0.2	1.0
7	Barium as Ba	APHA 23rd Edition,3111B 2017	"BLQ("LOQ-0.02)	mgil	0,7	No relaxation

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

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Sample Description Sampling Location Sample Collected By Preservation		Vs Adani Power Limited Ilage- Chhote Bhandar, Post- Bade B ehsil- Possore Dist Raigart 496100 / Vater Sample Ilage - Kathi TL Team uitable Preservation	Contraction of the second	Report D Period o Receipt Samplin Samplin	io. No terence No Jate I Analysis Date g Date g Type Quantity	 TC112272400 VTL/W/24042 7.6 F-01 NIL 27/04/2024 20/04/2024 20/04/2024 30/04/2024 17/04/2024 Grab 2 Ltr NA 	A\01000
S.No.	Test Parameters	Test Method	Resul	its	Units	Acceptable	Permissible
		(D - 2025 (D ++) - 2020	7.61	_		Limit 6.5 10 8.5	Limit No Relexation
2	pH (at 25°C) Turbidity	(S : 3025 (P-11) : 2022 (S : 3025 (P-10)1984, RA 2017)	*BLQ(**LO		NTU	0.010 0.0	NO Kelaxation
3	Total Hardness (as CaCO3)	IS: 3025 (P-21) 2009, RA 2019	168.0		right	200	800
4	Calcium (as Ca)	IS: 3025 (P-40): 1991 RA 2019	51.50		mol	75	200
5	Total Alkalinity (as CaCO3)	15: 3025 (P-23): 1985. RA 2019	148.0	2	mail	200	500
E	Chloride (as Cl)	15: 3025 (P-32): 1988, RA 2019	110.2	1	1000	250	1050
7	Magnesium (as Ma)	15: 3025 (P-45) 1994, RA 2019	9.60		mail	30	100
H	Total Dissolved Solids	15 3025 (P-16) 1984 RA 2017	530.0	-	mali	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, RA 2022	29.4	-	mg/i	200	400
10	Fluonce (as F)	APHA 23rd Edition 4500FD 2017	0.46		mg/i	7.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	20,12	8	mg/i	.45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 31118,2017	0.28		mgil	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	BLQ(**LOC	2-0.03)	mg/L	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 45008,2017	"BLO(""LO	Q-0.2)	mg/i	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C 2017	"BLQ(""LOC	0-0.001)	mail	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edillon,3030D, 3113 B., 2017	0.40		ngit	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LO	2-0.0Z)	ngn	0.05	1.5











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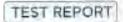
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	he onimoginatian" e Number : VTL/W/02		ULR No Report		TC1122724000000627F		
S.No.	Test Parameters	arameters Test Method	Results	Units	IS:10500-2012		
					Acceptable Limit	Permissible Limit	
18	Manganese (as Min)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	Q1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LQQ-0,005)	R951/1	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mgili	0.0T	0.05	
21	Total Coliforn	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-	
22	E.Coli	IS: 15185 2019	Absant	per 100 ml	Shall not be detectable in any 100 ml sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988 Sec. RA 2022	"BLQ(""LOQ-0.3)	mgvi	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	*8LQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	"BLQ(""LOQ-0.2)	mg/l	0.2	1.0	

End of Report











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						- CLASSING TH	
	e Number : VTL/W/02		Report N	0.	: VTL/W/2404200310/8 : 7.8 F-01		
Name	& Address of the Party	: Mis Adani Power Limited	Format N	0			
		Village- Chhote Bhandar, Post-Bade		Party Ref	erence No	: NIL	
		Tehsil-Pussore Dist Raigarh 498100) Chhathsgarh	Report D	ate	: 27/04/2024	
				Period of	Analysis	: 20/04/2024-27	04/2024
Sampl	e Description	: Water Sample	Receipt Date		: 20/04/2024		
Sampling Location Sample Collected By		: Village - Kathli	Sampling Date Sampling Type		: 17/04/2024 = Grab		
		: VTL Team					
Preser	rvation	: Suitable Preservation	Sample Quantity		: 2 Ltr.		
Metho	d of sampling	: IS :3025		Coordina	tes	: NA	
S.No.	Test Parameters	Test Method	Resu	lts	Units	IS:1050	00-2012
						Acceptable Limit	Permissible
	Colour	10 2005 00 01000 - 00 0017	10000		-0		1. 68.0
1	Colour	IS 3025;(P-4)1983, RA 2017	"BLO("LO	Q-5.0)	Hazen	5	15
S	Odour	IS 3025 (P-5) RA 2018	Agreea	ble	-	Agresable	Agreeable

				and the second se		
5 6	Odour	IS 3025 (P-5) RA 2018	Agreeable	-	Agrassole	Agreeable
3	Taste	IS :3025 (P-8): 1984 RA 2017	Agreeable		Agreeable	Agreeable
4. (Cyanide (as CN)	APHA 23rd Edition 4500D 2017	*BLQ(**LOQ-0.02)	mg/t	0.05	No Relaxation
5 1	Mineral Oil	IS 3025 (P-39) 1989	*BLQ(**LOQ-0.05)	mg/l	0.5	No Relaxation
6 /	Anionic Detergents (as MBAS)	APHA 23rd Edition , 5540C 2017	*BLQ(**LOQ-0.05)	mğili	0.2	10
7 8	Barium as Ba	APHA 23rd Edition,31118 2017	*BLQ(**LOQ-0.02)	mgit	0.7	No relaxation
the state	and the second sec					

"BLQ-Below Limit Of Quantification **LOQ- Limit of Quantification

End of Report







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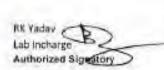


Di poletice	he unimpainable*			ULR No.		1 TG112272400	0000628F
	e Number : VTL/W/03			Report	ła,	: VTL/W/24042	A.T 1000
Name	& Address of the Party	Ws Adani Power Limited		Format	No	: 7.8 F-01	
		Village- Chinote Bhandar, Post- Bade B		Party Re	ference No	: NIL	
		Tehsil- Pussore Dist - Raigarh 495100	Canadosgarn	Report 0	Date	2 27/04/2024	
				Period o	f Analysis	: 20/04/2024-27	/04/2024
		Water Sample		Receipt	CO	: 20/04/2024	
		Chote Bhandar		Samplin		: 17/04/2024	
	a state of the second se	: VIL Team		Samplin	g type Quantity	Cirab - 2 Ltt	
		Suitable Preservation		Coordin		- 2 LG	
					1	_	0.0010
S.No.	Test Parameters	Test Method	Resu	Its	Units	15:105	00-2012
	1.000		1			Acceptable Limit	Permissible Limit
1	pH (#t 25°C)	IS: 3025 (P-11): 2022	7.67			6.5 10 8 5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	"BLQ(""LO	Q-1.0)	NTU	- †	5
3	Total Hardness (as CaCO)	3) 15: 3025 (P-21): 2009, RA 2019	280.	0	mg//	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40); 1991 RA 2019	65.8	1	mg/l	75	200
5	Total Alkalinity (as CaCO3) IS: 3025 (P-23): 1986, RA 2019	200.0	0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1989, RA 2019	149.5	8	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	12.1	0	-mg/i	30	100
8	Total Dissolved Solids	IS .3025 (P-16): 1984, RA 2017	752,0	0	-mgA	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, RA 2022	-44 13	Ż	mgA	200	400
10	Fluoride (es F)	APHA 23rd Edition ,4500FD 2017	0.54	ĥ	ngA	1,0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	27,50	5	mg/l	45.0	N: Retaxation
12	Iron (as Fe)	APHA 23rd Edition , 31118,2017	0.32		mgA	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOC	2-0.03)	liev.	0 02	02
14	Boron (as B)	APHA 23rd Edition, 45008,2017	"BLQ("LC	Q-0.2)	mgil	0,5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C 2017	*BLQ(**LOC	2-0.001}	mol	0.001	-0.002
16	Zinc (as Zn)	APHA, 23rd Edition,3030D, 3113,B , 2017	0,43		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ("LO	Q-0.02)	mg/l	0.05	1.5











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	he wijmaamoble" e Number : VTL/W/03		ULR No Report		: TC1122724000000528F : VTL/W/2404200011/A		
S.No.	Test Parameters	ters Test Method	Results	Units	15:10500-2012		
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mgit	D I	. n.s	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOO-0.005)	mgil	0.01	No Relaxation	
20	Arsenic (as As)	APHA_23rd Edition_3114C, 2017	"BLQ(""LOQ-0.005)	hgin	0.01	0.05	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 mi	Shall not be detectable in any 100 mi sample	-	
22	E Coli	IS : 15185 . 2016	Absent	per 100 m)	Shatl not be detectable in any 100 mi sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	"BLQ("LOQ-0.3)	ing)i	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	"BLQ(""LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	15 3025 (P-26) 2021	"BLQ("LOQ-0.2)	mg/i	0.2	1.0	

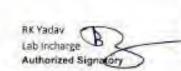
*BLQ-Below Limit Of Quantification. **LOQ- Limit of Quantification

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Sampl	e Number : VTL/W/03				Report	No.	: VTL/W/24042	00011/B	
Name	& Address of the Party		Adami Power Limited		Format	No	: 7.8 F-01		
			ge- Chhote Bhandar, Post- Bade B		Party Re	eference No	: NIL		
		Tehs	all- Pussore Dist - Raigarh 495100	Chhattisgarh	Report	Date	: 27/04/2024		
					Period o	of Analysis	: 20/04/2024-27	/04/2024	
Sampl	e Description	: Wat	er Sample		Receipt Date Sampling Date		: 20/04/2024 : 17/04/2024		
Sampl	ing Location	: Chot	e Bhandar						
Sampl	e Collected By	: VTL Team			Sampling Type		: Grab		
Preser	vation	: Suta	able Preservation		Sample	Quantity	:2 Ltr		
Metho	d of sampling	: IS :3	025		Coordin	ates	: NA		
S.No.	Test Parameter	8	Test Method	Resu	lts	Units	IS:105	00-2012	
							Acceptable Limit	Permissible Limit	
1	Coloui		IS : 3025 (P-4)1983, :RA 2017	"BLQ("LC	Q-5.0}	Hazen	5	15	
2	Odour		IS : 3025 (P-5) · RA 2018	Agreea	ble	1 - 1 -	Agreeable	Agreeable	
3	Taste		15:3025 (P-8): 1984 RA 2017	Agreea	ble	E	Agreeable	Agreeable	
d	Cyanide (as CN)		APHA 23rd Edition 4500D.2017	"BLO[""LO	Q-0.02)	ngm	0.05	No Relaxation	
5	Mineral Oil		IS 3025 (P-39) 1989	"BLQ("LO	Q-0.05)	mg/l	0.5	No Relaxation	
6	Anionic Detergents (as N	(BAS)	APHA 23rd Edition , 5540C 2017	"BLQ!"LO	0-0.05)	mgit	0.2	1.0	
7	Barium as Ba		APHA 23rd Edition,3111B	"BLQ("LO	0-0.02)	mail	0.7	No retaxation	

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

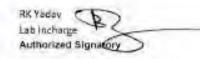
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erience	the unimoghative"			ULR No		: TG112272400	10000629F
Samp	le Number : VTL/W04			Report	No.	÷ VTL/W/24042	00012/A
Name	& Address of the Party ;	M/s Adani Power Limited		Format	No	7 8 F-01	
		Village- Chhote Bhandar, Post-Bade B		Party Re	eference No	: NIL	
		Tehsil- Pussore Dist - Raigarh 496100	Chnattagarn	Report	Date	: 27/04/2024	
		and home and		1000	of Analysis	: 20/04/2024-27	104/2024
		Water Sample		Receipt	201 Y	20/04/2024	
		Bade Bhandar		Samplin	ng Date ng Type	: 17/04/2024	
		VTL Team Suitable Preservation		1000	Quantity	= Grab	
		IS 3025		Coordin	100.00	- NA	
S.No		Test Method	Dear		1		00-2012
3.NO	lest Parameters	Test Methoo	Resu	its-	Units	13,105	00-2012
1	1.	1				Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS 3025 (P-11) 2022	7.69	í.	-	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (P-10)1984, RA 2017	"BLO(""LO	(0.1-0)	NTU	1	5.
3	Total Hardness (as CaCO3	IS 3025 (P-21): 2009, RA 2019	249	0	migil	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	66.7	2	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS 3025 (P-23): 1986, RA 2019	184.3	14	mg/l	200	600
6	Chloride (as Ci)	IS: 3025 (P-32): 1988, RA 2019	171.5	12	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	20,0	5	mgil	30	100
B	Total Dissolved Solids	IS :3025 (P-16); 1984, RA 2017	655	0	mg/l	500	2000
8	Sulphate (as SO4)	(S: 3025 (P-24) 1986, RA 2022	36.2	в	mart	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD ;2017	0,52	8	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34) 1960	22.6	9	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.27		mg/t	1.0	No Relaxation
13	Alomnium (as Al)	IS 3025 (P-65): 2003, RA 2019	"BLQ["LOC	2-0.03)	mg/r	.0.03	62
14	Boton (as B)	APHA 23rd Edition, 4500B,2017	*8LQ(**LO	Q-0.2)	nig/r	0,5	10
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C 2017	*BLQ(**LOC	0-0.001)	mp/l	0.001	0.002
16	Zino (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.45	6	mp/t	5.0	15.D
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOC	2-0.02)	mpa	0.06	1.5











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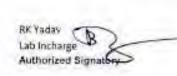
erierier (Ar unimogenable" a Number : VTL/W/04		ULR No Report		: TC1122724000000629F ; VTL/W/2404200012/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:105	00-2012	
1					Acceptable Limit	Permissible Limit	
18	Mariganese (as Mh)	APHA 23rd Edition, 3030D, 3111 B 2017	"BLQ(""LOQ-0.05)	(ng))	01	03	
19	Salenium (as Se)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0.005)	Ngm	D-01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0.005)	ing/l	0.01	0,05	
21	Total Coliform	IS 15185 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample		
22	É Coli	IS:15185 2016	Absent	per 100 mi	Shall not be detectable in any 100 ml sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988 Sec. RA 2022	"BLQ("LOQ-0.3)	mg/l	Q.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) -1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	ng/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	02	1.0	

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enence.	the unimaginative									
Sampl	e Number : VTL/W/04				Report	No.	: VTL/W/24042	00012/B		
Name	& Address of the Party	: Mis /	Adani Power Limited		Format	No	: 7.8 F-01			
			ge- Chhote Bhandar, Post- Bade B		Party Re	derence No	: NIL			
		Tehs	il- Pussore Dist Raigath 496180	Chhattisgarh	Report	Date	: 27/04/2024			
					Period (Analysis	: 20/04/2024-27/04/2024 : 20/04/2024			
Samp	le Description	: Wate	er Sample		Receipt	Date				
Sampl	ling Location	: Bade Shandar			Samplin	g Date	: 17/04/2024			
Sampl	le Collected By	: VTL	VTL Team			Sampling Type		: Grab		
Preservation Method of sampling		: Suile	r canadia r reactionen			Quantity	: 2 Ltt			
		115:3				ates	= NA			
S.No.	Test Parameters		Test Method	d Resu		Units	IS 10500-2012			
							Acceptable Limit	Permissible Limit		
1	Colour		IS . 3025:(P-4)1983 RA 2017	"BLQ(""LC	0-5.0)	Hazen	5	15		
2	Odour		IS 3025 (P-5) RA 2018	Agréea	ble	-	Agreeable	Agreesple		
3	Taste	1.1	IS :3025 (P-8): 1984 RA 2017	Agreea	bla		Agreeable	Agreesble		
4	Cyanide (as CN)		APHA 23rd Edition .4500D,2017	"BLQ!""LO	Q-0.02)	mg/t	0.05	No Relaxation		
5	Mineral Oil	-	IS 3025 (P-39) 1989	"BLQ("+LO	Q-0.05}	ngi	0.5	No Reiskation		
6	Anionic Detergents (as M	BAS)	APHA 23rd Edition , 5540C 2017	*BLQ[**LO	Q-0.05)	mg/l	0,2	1.0		
-		_	and the second sec							

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

Barium as Ba

""End of Report

*BLQ[**LOQ-0.02)

APHA 23rd Edillion, 3111B

2017









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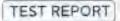
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Samp	le Number : VTL/W/10			Report No.	: VTL/W/2404	200018/8
Name	& Address of the Party	M/s Adam Pow	er Limited	Format No	7 8 F-01	
			Bhandar, Post- Bade Bhandar,	Party Reference No.	: NIL	
		Tehsil- Pussore	Dist Raigath 496100 Chhattisgarh	Report Date	: 27/04/2024	
				Period of Analysis	: 20/04/2024-3	7/04/2024
Samp	le Description	: Water Sample		Receipt Date	: 20/04/2024	
Samp	fing Location	: Ash Pond		Sampling Date	: 17/04/2024	
Samp	le Collected By	1 VTL Team		Sampling Type	Grab	
Prese	rvation	Suitable Preser	vation	Sample Quantity	12 Ltr	
Metho	od of sampling	: IS :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resul	ts	Units
1	Colour		(S : 3025 (P-4) - 2021	"BLQ(""LO	Q-5.0)	Hazen
2	Odour		IS : 3025 (P-5) : 2018	Agreea	ble	4
3	Taste		IS : 3025 (P-8) : 1984 RA 2017	Agreea	pla	
4	Residual Free Chlorine (R	RFIC)	IS : 3025 (P-26) :2021	"BLQ("LO	0-0.2)	mg/t
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ(""LO	Q-5.0)	rng/l
6	Aluminium (as Al)		IS: 3025 : (P-55) 2003, RA 2019	*BLQ(**LOC	2-0.03)	mgil
7	Ammonia (as NH3)		IS 3025 (P-34) 1988, Sec.4 RA 20	1019 *BLQ(**LOQ-0 3)		ingil
8	Anionic Detergents (MBAS)			"BLQ("LOQ 0.05)		

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report









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	the unimaginative"			: TC11227240	00000636F		
	ple Number : VTL/W/11	the second second second		Report	Na.	: VTLAV/24042	A/81000
Nam	e & Address of the Party :	M/a Adani Power Limited		Format		:78F01	
		Village- Chhote Bhandar, Post-Bade I Tehsil- Pussore Dist - Raigarh 495100		Party R	eference No	: NIL	
		tensit i cassic case i dagan 400 ida	Contampgan	Report	in crita,	: 27/04/2024	
Came	ple Description	and			of Analysis	: 20/04/2024-2	7/04/2024
	and the second se	Water Sample		Receipt		: 20/04/2024	
3.000	9	Plezometer -4 VTL Team			ng Date ng Type	: 17/04/2024	
2010		Suitable Preservation		12-12-2	Quantity	Grab	
Meth	and the fact of the second secon	15:3025		Coordia		NA	
S.No		Test Method	Resu		Units		00-2012
11		(un montou	Nesa	1.3	Units	13.105	00-2012
	-					Acceptable Limit	Permissible
1	pH (at 25°C)	IS: 3025 (P-11) (2022	7.89	r i		6.5 10 8.5	No Relaxation
Z	Turbidity	IS 3025: (P-10)1984, RA 2017	*BLQ(**LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO3		258.0)	mg/l	200	600
4	Calcium (as Ca)	IS; 3025 (P+40): 1991 RA 2019	66.24	ŧ	mg//	75	200
5	Total Aikalinity (as CaCO3)	IS: 3025 (P-23): 1986, RA 2019	159.2	1	mg/r	200	600
6	Chloride (as Cl)	IS 3025 (P-32): 1988, RA 2019	152 3	8	mg/i	250	1030
7	Magnesium (as Mg)	IS 3025 (P-46): 1994, RA 2019	22.53	3	mg/l	30	100
8	Total Dissolved Solids	IS 3025 (P-16): 1984, PA 2017	635.0)	mg/l	500	2000
9	Sulphate (as SO4)	15: 3025 (P-24): 1986, RA 2022	40.30	1	mg/i	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD 2017	0.62		mig/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	23.18	F	ingil	45.0	No Relaxation
12	Iron (as Fé)	APHA 23rd Edition 31118,2017	0.46	5	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOQ	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition. 45008;2017	"BLOI"LOG	D-0.2)	mg/l	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLOI""LOO	0.001)	mgit	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edilion,3030D, 3113 B , 2017	0.64		ng/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 31118 2017	*BLQ(**LOO	-0.02)	teldst.	0.05	1.5











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viewie t	n unmagnable" a Number : VTL/W/11		ULR No	ea.	: TC1122724000000636F		
S.No.		Test Method	Report	No. Units	: VTL/W/2404200019/A		
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	"BLQ(""LOQ-0.05)	angA	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0 005)	mg/l	0.01	0.05	
21	Total Coliform	IS: 15185 2016	Absent	per 100 mil	Shall not be detectable in any 100 ml sample	-	
	E.Coli	IS : 15185 2016	Absent	per 100 mi	Shall not be detectable in any 100 m ¹ sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA :2022	"BLQ(""LOQ-0.3)	rogit	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorne	IS 3025 (P-26) 2021	"BLQ("LOQ-0.2)	mg/l	0.2	1.0	

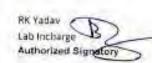
*BLQ-Balow Limit Of Quantification, **LOQ- Limit of Quantification

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Samp	e Number: VTL/W/11				Report	No.	: VTL/W/24042	00019/B	
Name	& Address of the Party	: Ws	Adani Power Limited		Format	No	: 78 F-01		
			ge- Chhote Bhandar, Post-Bade B		Party R	eference No	TNIL		
		Tehs	hsil- Pussore Dist Raigarh 498100 Chhattisgarh Re			Date	: 27/04/2024		
					Period	of Analysis	: 20/04/2024-27	/04/2024	
Samp	le Description	: Wate	er Sample		Receipt	Date	: 20/04/2024		
Samp	ing Location	1 Piez	iezomater -4		Samplin	g Date	: 17/04/2024		
Samp	e Collected By	: VTL	Team		Samplin	g Type	1 Grab		
Prese	rvation	1 Suits	able Preservation		Sample	Quantity	: 2 Lt+		
Metho	d of sampling	: 15 3	025		Coordin	ates	: NA		
S.No	Test Parameter	8	Test Method	Resu	ts	Units	IS:105	00-2012	
							Acceptable Limit	Permissible Limit	
1	Colour	-	IS : 3025:(P-4)1983, RA 2017	"BLQ(""LO	Q-6.0)	Hazen	5	15	
2	Odour		(S : 3025 (P-5) : RA 2018	Agreea	ble		Agreeable	Agreeable	
3	Taste		IS :3025 (P-8): 1984 RA 2017	Agreea	ble	-	Agreeable	Agreeable	
4	Cyanide (as CN)		APHA 23rd Edition ,4500D,2017	*BLQ(**LO	2-0.02)	nigil	0.05	No Relaxation	
5	Mineral Oil		IS 3025 (P-39) 1989	"BLO("LO	2-0.05)	mg/i	0.5	No Relaxation	
6	Anionic Detergents (as M	BAS)	APHA 23rd Edilien , 55400 2017	*BLQ(**LO	2-0.05)	mg/i	0.2	10	
7	Barium as Ba		APHA 23rd Edition, 3111B	*BLQ(**LOO	2-0.02)	mgA	07	No relaxation	

*BLD-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

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newlerice	the unimophobile			ULR No	1	7 TC112272400	00000637F
-	le Number : VTL/W/12			Report	¥o,	: VTL/W/24042	00020/A
Name		/s Adani Power Limited		Format	Na	: 7.8 F-01	
		Ilage- Chhote Bhandar, Post- Bade E thsi- Pussore Dist - Raigarn 496100		Party Re	eference No	+ NIL	
		mat- Pussole Dist- Raigam 490100	Crinanisgam	Report I	Date	: 27/04/2024	
1	Contractor .			Period o	Analysis	20/04/2024-2	7/04/2024
		ater Sample		Receipt		: 20/04/2024	
2.04		ezometer -3		Samplin		: 17/04/2024	
		FL Team		Samplin	g rype Quantity	Grab	
0.000		allable Preservation			1. 1.	: ZLH	
S.No				Coordin			
5.140	 Test Parameters 	Test Method	Resu	Its	Units	15:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS: 3025 (P-11) 2022	7.70	ĥ.	1	8.5 to 8.5	No Relaxation
2	Turbidity	IS 3025: (P-10)1984, RA 2017	"BLO("LO	Q-1.0)	NTU		5
3	Total Hardness (as CaCO3)	IS: 3025 (P-21): 2009, RA 2019	284.0	3.	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40) 1991 RA 2019	68;84	4	mg/l	.78	200
5	Total Alkalinity (as CaCO3)	15: 3025 (P-23): 1986, RA 2019	169.2	2	mg/T	200	600
6	Chioride (as CI)	IS: 3025 (P-32): 1988, RA 2019	147.0)	7790/1	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 1994, RA 2019	27 27	r	mg/t	30	100
8	Total Dissolved Solids	IS 3025 (P-16) 1984, RA 2017	632.0)	msi/i	508	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986; RA 2022	40.76	()	mg/i	200	.400
10	Fluoride (as F)	APHA 23rd Edition 4500FD 2017	0,60	8 ⁴	mg/l	10	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34); 1988	28.63	F.	mg/l	45.0	No Relaxation
12	liron (ás Fø)	APHA 23rd Edition 3111B,2017	0.39		ligm	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOC	1-0-03)	mg//	0.03	9.2
14	Boron (as B)	APHA 23rd Edition 45008,2017	"BLQ("LO	0-0.2)	ingil	0.5	1.0
16	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C, 2017	*8LQ(**LOQ	-0.001)	mp/I	6.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	D.55	-	mg/l	5.0	150
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ("LOG	1-0:02)	mail	0.05	1.5









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	ne onimaginable" e Number : VTL/W/12		ULR No Report		: TC1122724000000637F : VTL/W/2404200020/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:105	00-2012	
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLO(**LOQ-0.05)	might	0,1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C 2017	"BLQ(**LOQ-0.005)	nga	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0.005)	mgil	0.01	0.05	
21	Total Celiform	IŠ : 15185 : 2016	Absent	per 100 mi	Shall not be detectable in any 100 ml sample		
22	E.Col	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1985,Sec. RA :2022	"BLQ(""LOQ-0.3)	mg/t	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	"BLQ(""LOQ-0 1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorina	(\$ 3025 (P-26):2021	*8LQ(**LOQ-0.2)	mg/l	0.2	1.0	

End of Report











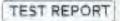
Page No. 2/2

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Sampl	e Number VTL/W/12				Report	No	: VTL/W/24042	00020/5	
Name	& Address of the Party	: M/s /	Adam Power Limited		Format	No	: 78 F-01		
			ge- Chhote Bhandar, Post- Bade B		Party R	eference No	T NIL		
		Tehs	il- Pussore Dist - Raigarh 496100	Chhattisgarh	Report	Date	: 27/04/2024		
					Period	of Analysis	: 20/04/2024-21	//04/2024	
Sampl	e Description	: Wate	ar Sample		Receipt	Date	: 20/04/2024	(1. 7. M. 2. 1.	
Sampl	ing Location	: Piez	orneter -3		Samplin	ng Date	: 17/04/2024		
Sampl	e Collected By	: VTL	Team		Samplin		: Grab		
Prese	rvation	: Suita	ble Preservation		Sample	Quantity	÷ 2 Ltr		
Metho	d of sampling	: IS :3	025		Coordin	nates	: NA		
S.No.	Test Parameters	est Parameters Test Method		Resu	Results		IS:10500-2012		
							Acceptable Limit	Permissible Limit	
1	Colour		18:3025.(P-4)1983, RA 2017	*BLQ(**LC	Q-5,0)	Hazen	5	15	
2	Odour		IS : 3025 (P-5) : RA 2018	Agreea	ble	-	Agreeable	Agreeable	
3	Taste		IS :3025 (P-8): 1984 RA 2017	Agreea	tile	+	Agreeable	Agreeable	
4	Cyanida (as CN)		APHA 23rd Edition .4500D.2017	"BLQ(""LO	D-0.02)	mg/l	0.05	No Relaxation	
5	Mineral Oil		IS 3025 (P-39) 1989	"BLQ(""LO	2-0.05)	mp/l	0.5	No Relaxation	
6	Anionic Detergents (as Mi	BAS)	APHA 23rd Edition, 55400 2017	"BLQ(""LO	2-0.05)	mig/i	0.2	ta.	

*SLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

Barium as Ba

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End of Report

"BLQ["LOQ-0.02]

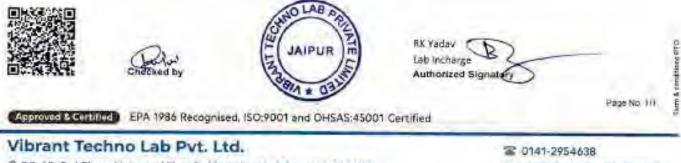
mg/l

0.7

No relexation

APHA 23rd Edition 3111B

2017



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winniz	the orimagionble"			ULR No		: TC112272400	0000638F
Sampl	e Number: VTL/W/13			Report	No.	: VTLAW/24042	00021/A
Name	& Address of the Party	: M/s Adani Power Limited		Format	No	: 7.8 F-01	
		Village- Chhote Bhandar, Post- Bade E		Party Re	eference No	: NIL	
		Tehsil- Pussore Dist - Raigarh 496100	Chhattisgarh	Report	Date	: 27/04/2024	
				Period	of Analysis	+ 20/04/2024-27	//04/2024
		: Water Sample		Receipt		: 20/04/2024	
	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	: Piezometer -2		Samplu		: 17/04/2024	
2006		VTL Team		Samplin	g Type Quantity	Grah	
20207		Suitable Preservation				-2 LH.	
-		: IS :3025		Coordin	1	: NA	
S.No.	Test Parameters	Test Method	Resu	ts	Units	IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25*C)	(S : 3025 (P-11) : 2022	7.97	-		6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10)1984, RA 2017	*BLQ(**LC	Q-1.0)	NTU	Ť	5
3	Total Hardness (as CaCO	3) IS-3025 (P-21), 2009, RA 2019	323.1)	mg/l	200	600
4	Calcium (as Ca)	IS 3025 (P- 40): 1991 RA 2019	73,56	1	mg/i	75	200
5	Total Alkalinity (as CaCO3) IS: 3025 (P-23): 1996, RA 2019	172.4)	mg/l	200	600
8	Chloride (as CI)	IS: 3025 (P-32): 1988, RA 2019	147,6	2	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46); 1994, RA 2019	33.Bi	,	mg/1	30	100
8	Total Dissolved Solids	IS .3025 (P-16): 1984, RA 2017	687.0	1	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, RA 2022	46.28		mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD .2017	0.67		mg/l	1.0	1,5
11	Nitrate (as NO3)	15: 3025 (P-34), 1988	25.77	6	mg/t	45.0	No Relaxation
12	front (as Fe)	APHA 23rd Edition , 3111B,2017	0.44		mgñ	1.0	No Relaxation
13	Aluminium (as Al)	15 3025 (P-55); 2003, RA 2019	BLQ("LOC	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition. 4500B.2017	"BLO("LO	Q-0.2)	mg/l	0,5	(0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLQ(""LOO	0.001)	mg/l	0.001	0 D02
15	Zinc (as Zn)	APHA: 23/d Edition,30300, 3113 B , 2017	0.61		ing/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ!"+LOC	1-0.02)	mait	0.05	1.5











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interior (e untergenative Number: VTLAW/13		ULR No Report		<pre>FTC1122724000000638F TL/W/2404200021/A</pre>		
S.No.	Test Parameters	Test Method	Results	Units	IS:105	00-2012	
	and the second second				Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B. 2017	*BLQ(**LOQ-0.05)	mañ	01	0.5	
19	Selenium (as Sø)	APHA 23rd Edition, 3114C, 2017	:BLQ(**LOQ-0.005)	mgit	0.01	No Relaxation	
20	Arseniç (as As)	APHA 23rd Edition 3114C. 2017	"BLQ(""LOQ-0.005)	mgil	0.01	0.05	
21	Total Colifism	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-	
22	E.Coli	15 15185 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988, Sec. RA 2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	15 3025 (P-29) :1986 RA 2019 Idometric	"BLQ(""LOO-0.1)	mgit	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report











Page No 2/2

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cilence.	fut minimum.								
Samp	le Number VTL/W/13				Report I	No.	: VTLAW/2404200021/H		
Name	& Address of the Party	: M/s	Village- Chhote Bhandar, Post- Bade Bhandar, Tabsi, Pusster Diet - Baitach 495100 Chhatlisnach			No	278F-01		
						eference No			
		Tehs				Date	: 27/04/2024		
					Period o	of Analysis	: 20/04/2024-27	/04/2024	
Samp	le Description	: Wate	er Sample		Receipt	Date	1 20/04/2024	and the second s	
Samp	ling Location	: Piez	Piezometer -2			g Date	: 17/04/2024		
Samp	reservation		L Team			g Type	Grab		
Prese	rvation	: Suita	ble Preservation		Sample	Quantity	12 Lb		
Metho	d of sampling	1 IS 3	025		Coordin	ates	:NA		
S.No	Test Parameters	5	Test Method	Resu	its	Units	IS:105	00+2012	
r. 1									
							Acceptable Limit	Permissible Limit	
t	Colour		IS: 3025:(P-4)1983, :RA 2017	"BLQ("LO	Q-5.0)	Hazen	5	15	
2	Odout		IS : 3025 (P-5) ; RA 2018	Agteea	ble	- 24	Agreeable	Agreeable	
3	Taste		IS 3025 (P-8): 1984 RA 2017	Agreea	ble	12	Agreeable	Agreeable	
4	Gyanide (as CN)		APHA 23rd Edition ,4500D.2017	"BLQ(""LO	Q-0.02)	mg/l	0.05	No Relaxation	
5	Mineral Oil		IS 3025 (P-39) 1989	"BLQ(""LO	2-0.05)	mg/l	0.5	No Relaxation	
6	Anionic Detergents (as M	BAS)	APHA 23rd Edition , 5540G 2017	*BLQ(**LO	Q-0.05)	mg/l	0.2	1.0	
7	Barium as Ba	-	APHA 23rd Edition,3111B	+BLQ(++LO	2-0.02)	mg/i	0.7	No relaxation	

*BLO-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

2017









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-						24000000644F
	ble Number : VTL/SW/0	- M/s Adani Pow	Tadaid	Report No.		04200022/A
Nam	e & Address of the Party		Bhandar, Post-Bade Bhandar,	Format No	± 7.8 F-01	
			e Dist.+Raigarh 496100 Chhattisgart	Party Reference No		
			a de la section	Report Date	- 27/04/202	
Sam	ole Description	: SURFACE WA	TER	Period of Analysis Receipt Date	20/04/202	4-27/04/2024
	oling Location	: Mahanadi Up S	12.2	Sampling Date	: 15/04/202	
	ole Collected By	: VTL Team	(e and t	Sampling Type	Grab	~
Pres	ervation	: Suitable Preser	wation	Sample Quantity	12 Ltr.	
Meth	od of sampling	: 15 3025		Coordinates	:NA	
S.No	Test Param	eters	Test Method	Resu	ilts	Unit
1	pH value		IS 3025 (P-11) 2022	7.4	4	-
2	Turbidity		IS : 3025 (P- 10) : 1984, RA 201	7 4.5	5	NTU
3	Total Dissolved Solicis (TI	DS)	IS : 3025 (P-16) 1984, RA 2017	405	Ő	ingit
4	Chloride (as Ci)		IS: 3025 (P-32) : 1968, RA 2019	69.1	26	mgil
5	Sulphate as (SO4)		IS: 3025 (P- 24) 1966, Sec. RA 20	22 35.4	15	migit
6	Total Alkalinity (as CaCO	3)	13. 3025 (P- 23): 1986, RA 2019	142	34	ngit
7	Total Hardness. (CaCO3)	1	IS: 3025 (P. 21) : 2009, RA 2019	162	0	mail
8	Calcium (as Ca)		IS ; 3025 (P-40) : 1991 RA 2019	36.0	15	mg/l
9	Magnesium (as Mg)		IS (3025 (P- 45) : 1994, RA 2019	17.5	0	mg/l
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.6	2	Mpm
11	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	25.6	9	rag/l
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	*BLQ(**LO	0-0.001)	ing/l
53	Facal Coliform		IS:1622:2009	Prese	set	APN/100m
14	Total Coliform		IS 15185; 2015	Prese	etit	A:P/100mi
15	Iron (as Fe)		APHA 23rd Edition.31118, 2017	0.4	0	mg/l
16.	Zinc (as Zn)	14	APHA 23rd Edition, 3030D,31138 2017	3, 0.5		mg/l
17	Copper (as Cu)		APHA 23rd edition, 31118, 2017	*BLQ(**LO	Q-0.02)	mgJI
18	Mangariese (as Mn)		APHA 23rd Edition, 30300,31138 2017	. BLQ("LO	Q-0 05)	, mgyi
19	Arsenic (as As)		APHA: 23rd Edition, 3030D,31140 2017	*BLQ/**LO	0-0.0051	тдИ
20	E Coli		IS 15185 2016	Prese	nt	P-A/100 ML
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LC	X2-0.21	/mg/l
22	Selenium (as Se)		APHA 23rd Edition.3114C. 2017	*BLQ/**LOO	2-0.005)	me/l









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Sample Number : VTL/SW/01

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

ULR No. Report No. : TC1122724000000544F : VTL/W/2404200022/A

End of Report













Page No 2/2

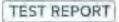
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Samp	le Number : VTL/SW/0	1		Report No.	: VTL/W/2404	4208025/B
Name	& Address of the Party	: M/s Adani Pow	er Limited	Format No	: 7.8.F-01	
			Bhandar, Post-Bade Bhandar,	Party Reference No	: NIL	
		Tehsil-Pussore	Dist-Raigarh 495100 Chhattisgarh	Report Date	: 27/04/2024	
				Period of Analysis	: 20/04/2024-	27/04/2024
Samp	le Description	SURFACE WA	TER	Receipt Date	1 20/04/2024	
Samp	ling Location	: Mahanadi Up S	tream	Sampling Date	: 16/04/2024	
Samp	le Collected By	: VTL Team		Sampling Type	† Grab	
Prese	rvation	: Suitable Preser	vation	Sample Quantity	12.66	
Metho	od of sampling	: 15 .3025		Coordinates	: NA	
S.No	Test Param	eters	Test Method	Resul	Its	Unit
1	Colour		IS: 3025 (P-4) 2021	"BLQ(""LO	Q-5.0)	Hazen
2	Odour		IS: 3025 (P-5): 2018	Agreea	ble	-
3	Taste		IS : 3025 (P-8) : 1984 RA 2017	Agreea	ble	-
4	Residual Free Chlorine (F	RFC)	IS : 3025 (P-26) :2021	"BLQ("LO	0-0.2)	lign
5	Cyanide (as CN)		APHA 23rd Edition, 45000, 2017	*8LQ(**LO	Q-D 02)	mgil
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 2019	BLQ(**LOO	0-0.03)	mail
7	Ammonia (as NH3)		15 ; 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LO	Q-0.3)	Ingili
-				and the second sec	And the second se	

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

Anionic Detergents (MBAS)

End of Report

APHA 23rd ed., 2017. 5530C



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RK Yadav Lab Incharge Authorized Signatory

"BLQ(""LOQ 0.05)

Page No. 1/1

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mg/l

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Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jalpur Raj, 302020 9929108691, 9810205356, 8005707098, 9549956601

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ULR NO.





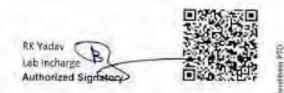
1 TC1122724000000645F

el suls	use municity increase.			ULM NO.	× 10112272	4000000645#
Samp	ale Number : VTL/SW/0	2		Report No.	+ VTL/W/24	04200023/A
Nam	e & Address of the Party	Mis Adani Po	the second se	Format No	: 7.8 F.01	
			te Bhandar, Post- Bede Bhandar,	Party Reference No	: NIL	
		Tensi- Pusso	ire Dist-Reigarh 496100 Chhattisgarh	Report Date	: 27/04/202	4
				Period of Analysis	: 20/04/2024	4-27/04/2024
2000	ple Description	: SURFACE W	ATER	Receipt Date	: 20/04/2024	6
Samp	pling Location	: Mahanadi Do	wn Stream	Sampling Date	: 16/04/2024	6
0.010	ale Collected By	1 VTL Team		Sampling Type	Grab	
100	ervation	: Suitable Pres	ervation	Sample Quantity	- 2 L tr	
	od of sampling	: IS 3025		Coordinates	= NA	
S.No	Test Param	eters	Test Method	Resul	ts	Unit
1	pH value		IS 3025 (P-11) 2022	7,55		
2	Turbidity		IS: 3025 (P-10): 1984, RA 2017	7 5.2		NTU
3	Total Dissolved Solida (TI	DS)	IS : 3025 (P-16) 1984, RA 2017	582.0)	nail
4	Chioride (as Cl)		15: 3025 (P-32) 1988. RA 2019	76.28		mg/l
5	Sulphate as (SO4)		JS: 3025 (P-24) 1986, Sec. RA 202	41.35		mgil
5	Total Alkalinity (as CaCO	3)	IS: 3025 (P-23) : 1986, RA 2019	154.2	8	mgil
7	Total Hardness (CaCO3)		IS: 3025 (P-21) : 2009, RA 2019	183.2	9	mg/l
8	Calcium (as Ca)		IS \$ 3025 (P-40) † 1991 RA 2019	41 53	1	.mg/t
9	Magnesium (as Mg)		IS : 3025 (P- 46) : 1994, RA 2019	19.36		mgă
10	Fluoride (as F)		APHA 23rd Edition 4500D 2017	0.69		rigil
11	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	31.24		Netts
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	"BLQ("LOD	-0.001)	mg/l
D,	Fecal Coliform		IS 1622 2009	Preser	yt.	MPN/109ml
14	Total Coliform	-	15 15185, 2016	Preser	4	A P/100ml
15	Iron (as Fe)	-	APHA 23rd Edition, 3111B, 2017	0.46		ingil
16	Zinc (as Zn)		APHA 23rd Edilien, 3030D,3113B 2017	0.66		hĝen
7	Copper (as Gu)		APHA 23rd edition, 31118, 2017	"BLQ("LOC	-0.02)	rm6/1
8	Manganese (as Mn)		APHA 23rd Edition, 30300,31138 2017	-BLQ(LOC	-0.05)	mg/l
9	Arsenic (as As)		APHA, 23rd Edition, 3030D,3114C 2017	"BLQI"LOO	0.005)	mġ//
0	E Coll		IS (15185 - 2016	Presen	t	P-A/100 ML
1	Boron (sa B)		APHA 23rd Edition, 45000, 2017	*8LQ/**LOC	2-0-2]	mg/l
22	Sclenium (as Se)		APHA 23rd Edition 3114C, 2017	*BLQ(**LOQ	0.005)	mall









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Page No. 1/2





End of Report



Sample Number : VTUSW/02

"BLQ Blow limit of Quantification **LOQ Limit of Quantification

ULR No. Report No.

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= TC1122724000000645F : VTL/W/2404200023/A











Page No. 2/2

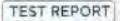
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Samp	le Number VTL/SW/0	2		Report No.	: VTL/W/2404	200023/8
Name	& Address of the Party	M/s Adam Pow	er Limitad	Format No	- 7.8 F-01	
			Bhandar, Post-Bade Bhandar,	Party Reference No.		
		Tehsil- Pusson	e Dist Raigarh 496100 Chhattisgarh	Report Date	: 27/04/2024	
				Period of Analysis	: 20/04/2024-3	27/04/2024
Samp	le Description	: SURFACE WA	TER	Receipt Date	: 20/04/2024	11.017
Samp	ling Location	: Mahanadi Dow	n Stream	Sampling Date	: 16/04/2024	
Samp	le Collected By	: VTL Team		Sampling Type	C Gratt	
Prese	rvation	: Suitable Preser	vation	Sample Quantity	= 2 Ltr	
Metho	od of sampling	: 15 :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resul	ts	Unit
1	Colour		IS 3025 (P-4) 2021	"BLQ("LO	Q-5.0)	Hazen
2	Odour		15 3025 (P-5) . 2018	Agreea	ble	
3	Taste		IS 3025 (P-8) : 1984 RA 2017	Agreea	ble	-
4	Residual Free Chlorine (R	FC)	IS: 3025 (P-26) :2021	"BLQ("LO	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LOC	2-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003. RA 2019	"BLQ("LOC	2-0 03)	neg/l
7	Ammonia (as NH3)		IS: 3025 (P-34) 1988, Sec.4 RA 20	19 'BLQ("LO	Q-0.3)	mgit
B	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	"BLQ/"LOO	2 0.05)	mal

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report







RK Yadav (Lab Incharge

Page No 1/1

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ULR No.





1 TC1122724000800646F

enenti	e me ananoginatin			ULR No.	1 10112272	24000800646F
Sam	ple Number : VTL/SW/0	3		Report No.	: VTLAWIZA	04200024/A
Nam	e & Address of the Party	- M/s Adani Po		Format No	- 7.8 F-01	
			te Bhandar, Post- Bade Bhandar,	Party Reference No	E NIL	
		Tettsil- Pusso	re Dist - Raigarh 496100 Chhattisgach	Report Date	27/04/202	4
				Period of Analysis	: 20/04/202	4-27/04/2024
Sam	ple Description	T SURFACE W	ATER	Receipt Date	: 20/04/202	4
Sam	pling Location	1 Mand River U	p Stream	Sampling Date	: 16/04/202	4
	ple Collected By	: VTL Team		Sampling Type	< Grab	
	ervation	: Suitable Pres	ervation	Sample Quantity	: 2 L11	
	ed of sampling	:15:3025		Coordinates	: NA	
S.No	7. Test Param	eters	Test Method	Resu	lts	Unit
1	pH value		IS 3025 (P-11) 2022	1.1	3	-
2	Turbidity		IS: 3025 (P- 10): 1984, RA 201	7 2.9	1	NTU
3	Total Dissolved Solius (T	DSI	IS : 3025 (P-16) : 1984. RA 2017	315	0	mg/(
4	Chloride (as Cl)		IS: 3025 (P-32) 1988, RA 2019	45.2	24	man
5	Suphate as (SO4)		IS: 3025 (P- 24) 1986, Sec.RA 20	22 23.8	13	ாழி
6	Total Alkalinity (as CaCC	(3)	IS: 3025 (P- 23) 1986, RA 2019	86.2	9	ing/l
7	Total Hardness (CaCO3)		IS: 3025 (P-21) : 2009, RA 2019	133.	0	mg/l
B	Calcium (as Ca)		IS 13025 (P-40) : 1991 PA 2019	38.5	7	mg/t
9	Magnesium (as Mg)		18: 3025 (P- 46) 1994, RA 2019	8.9	3	mgi)
10	Fluoride (as F)		APHA 23/0 Edition, 4500D, 2017	0.4	1	mg/l
11	Nitrate (as NO3)		IS: 3025 (Pi 34) 1988 RA 2022	23.0	1	mg/l
12	Phenolic compounds		APFIA 23rt Edition, 5530C, 2017	"BLQ(""LO	(1-0 001)	moil
13	Fecal Coliform		IS:1622.2009	Press	the	MPN/100m
14	Total Coliform		19 15185; 2016	Press	mi	A-P/100m
15	Iron (as Fe)	100	APHA 23rd Edition 31118, 2017	0.2	1	mig/l
15	Zinc (as Zn)	100	APHA 23rd Edition, 3030D,31138 2017	3, 0,40	0	mg/l
17	Copper (as Cb)	~	APHA 23rd edition 3111B, 2017	"BLQ("LO	Q-0.02)	mg/l
18	Manganese (as Mm)		APHA 23rd Edition, 30300.31138 2017		and the second second	inga:
19	Arsenic (as As)		APHA 23rd Edilion, 3030D,31140 2017	BLQ(**LO	2-0.005)	mg/l
20	E Coli		19 .15185 . 2016	Prese	m	P-A/100 m
21	Boipri (as B)		APHA 23rd Edition, 45000, 2017	"BLQC"LC	00-0.2)	mail
22	Selenium (as Se)		APHA, 23rd Edition 3114C, 2017	"BLQ/"LOO	0-0.005	trig/l









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End of Report



Sample Number : VTL/SW/03

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

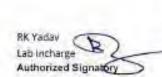
ULR No. Report No. TC1122724000000646F ; VTL/W/2404200024/A













Page No. 2/2

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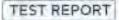
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Sample Number : VTL/SW/03				Report No.	. VTL/W/2404	200024/B
Name & Address of the Party Sample Description Sampling Location		- M/s Adani Power Limited Vilage- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh : SURFACE WATER : Mand River Up Stream : VTL Team : Suitable Preservation		Format No	- 7.8 F-D1	Lousens
				Party Reference No	arty Reference No : NIL leport Date : 27/04/2024 eriod of Analysis : 20/04/2024-27/04/2024 ecelpt Date : 20/04/2024 ampling Date : 16/04/2024	
				Report Date		
				Period of Analysis		
				Receipt Date		
				Sampling Date		
				Sampling Type		
				Sample Quantity	: 2 Lir	
Methy	od of sampling	÷ IS :3025		Coordinates	: NA	
S.No	Test Parameters		Test Method	Resu	Results Unit	
1	Colour		IS: 3025 (P-4): 2021	"BLQ(""LC	"BLQ(""LOG-5.0) Haze	
2	Odour		IS: 3025 (P-6): 2018	Agrees	Agreasble -	
3	Taste		IS: 3025 (P-8): 1984 RA 2017	Agreea	Agreeable -	
4	Residual Free Chlorine (RFC)		IS : 3025 (P-26) 2021	"BLQ(""LC	"BLQ(""LOQ-0.2) mg/	
5	Cyanide (as CN)		APHA 23rd Edition, 45000, 2017	*BLQ!**LO	*BLQ(**LOQ-0.02) mg	
6	Aluminium (as Al)		IS : 3025 ; (P-55) 2003, RA 2019	BLQ("LO	*BLQ(**LOQ-0.03) mg/	
7	Ammonia (as NH3)		IS: 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LC	*BLQ(**LOQ-0.3) mg/l	

*BLO Blow limit of Quantification **LOQ Limit of Quantification

Anionic Detergents (MBAS)

End of Report

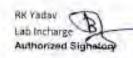
APHA 23rd ed., 2017, 5530C



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*BLQ(**LCQ 0.05)

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A residence

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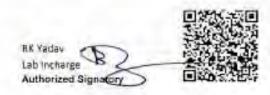


enence	the unimophismo-			ULR No.	: TG112272	4000000647F
Samp	e Number : VTL/SW/D			Report No.		04200025/A
Name	& Address of the Party	: M/s Adani Po		Format No	: 7.8 F-01	
			te Bhandar, Post-Bade Bhandar, ore Dist Raigain 496100 Chhatlagarn	Party Reference No	+ NIL	
		Tenale Pusse	the Disc - Magain 430 100 Chinabagain	Report Date	27/04/202	4
1.1	Transfer T			Period of Analysis	; 26/04/202	4-27/04/2024
	e Description	: SURFACE W		Receipt Date	: 20/04/202	
	ling Location	: Mand River D	Jown Stream	Sampling Date	: 16/04/202	4
	le Collected By rvation	: VTL Team	in the second	Sampling Type Sample Quantity	- Grab	
	d of sampling	: Sutable Pres : IS :3025	ervation	Coordinates	: NA	
S.No.	Test Param	- 10 mm	Test Method	Resu	2.041	Unit
1	pH value		(S : 3025 (P-11) : 2022	7.7		-
2	Tamidity	-	IS . 3025 (P- 10) 1084, RA 201	7 5.1	1	NTU
3	Total Dissolved Solids (TD	DS)	IS 3025 (P-16) 1984, RA 2017	440.	0	mg/
4	Chiloride (as CI)		IS: 3025 (P-32) 1988, RA 2019	70.2	4	u.D.d
5	Sulphate as (SO4)		IS: 3025 (P- 24) : 1986, Sec.RA 20	22 37.2	9	mg/i
6	Total Alkalinity (as CaCO	3)	IS: 3025 (P- 23) 1986, RA 2019	119.3	81	inig/l
7	Total Hardness (CaCO3)		IS: 3025 (P- 21) 2009, RA 2019	198.	57	mg/l
8	Calcium (as Ca)		IS: 3025 (P-40) 1991 RA 2019	53.2	8	ng/i
ÿ.	Magnesium (as Mg)		IS 3026 (P-46) 1994, RA 2016	15.9	7	mg/l
10	Fluonde (as F)		APHA 23rd Edition, 4500D, 2017	0.8	5	mg/l
11	Nitrate (as NO3)		IS: 3025 (P-34) : 1988 RA 2022	31.1	2	hạn
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	BLQ("LO	Q-0.001)	mo/l
13	Feaal Coliform		IS:1622 2009	Press	sni	MPN/100m
14	Total Coliform		IS 15185: 2016	Prese	ant .	A:P/100m
15	iron (as Fe)		APHA 23rd Edition, 3111B, 2017	0.2	1	(\gm
16	Zinc (as Zn)		APHA 23rd Edition, 3030D 31138 2017	B. 0.61		mg/l
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	"BLQ("LO	Q-0.02)	mg/i
18	Manganese (as Mn)		APHA 23rd Edition, 30300,31138 2017	*BLQ(**LO	Q-0,05)	nstių.
19	Arsenic (as As)		APHA 23rd Edition, 30300,31140 2017	BLO(**LO	0-0.005)	mg/i
20	E Col		IS:15155 2016	Prese	en (P-A/100 m
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LC	00-02)	mig/i
22	Selenium (as Se)		APHA 23rd Edition, 3114C, 2017	"BLQ(""LO	0-0.005)	mg/i









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Sample Number : VTL/SW/04

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

ULR No. Report No. CTC1122724000000647F













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Samp	de Number : VTL/SW/0	14		Report No.	D VTL/W/2404	200025/B
Name	& Address of the Party	, M/s Adani Powa	r Limited	Format No	17.8 F-01	
			Bhandar, Post- Bade Bhandar,	Party Reference No	2 NIL	
		Tehsil- Pussore	Dist Raigarh 496100 Chhattisgarh	Report Date	: 27/04/2024	
				Period of Analysis	: 20/04/2024-	27/04/2024
Samp	ole Description	SURFACE WAT	ER	Receipt Date	: 20/04/2024	
Samp	oling Location	: Mand River Dow	n Stream	Sampling Date	: 16/04/2024	
Samp	ole Collected By	: VTL Team		Sampling Type	‡ Grab	
Prese	rvation	: Suitable Preserv	ation	Sample Quantity	: 2 Ltr.	
Metho	od of sampling	1 IS :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resu	Its	Unit
1	Colour		IS 3025 (P-4) 2021	*BLQ(**LO	00-5:0)	Hazen
2	Odour		IS : 3025 (P-5) 2018	Agreea	ible	-
3	Taste		IS 3025 (P-8) 1984 RA 2017	Agreea	ible	-
4	Residual Free Chlorine (F	RFC)	IS 3025 (P-26) 2021	"BLQ(""LO	(0.0.2)	mgil
5	Cyanide (as CN)		APHA 23rd Edition, 45000, 2017	*BLQ(**LO	Q-0.02)	mail
6	Aluminium (as Al)		(S ; 3025 - (P-55) 2003, RA 2019	BLQ("LOO	Q-D.03]	mgil
7	Ammonia (as NH3)		IS: 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LO	Q-0.3)	mg/l
-	the second se					

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

Anionic Detergents (MBAS)

8

End of Report

APHA 23rd ed., 2017. 5530C







RK Yadav (Lab Incharge Authorized Signatory

*BLQ(**LOQ 0.05)

mg/l

Page No. 1/1

Conditions #70

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Vibrant Techno Lab Pvt. Ltd.

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2 9929108691, 9810205356, B005707098, 9549956601

2 0141-2954638

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Name & Address of the Party : M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	ŝ	VTL/A/2405240001/A
Format No	1	7.8 F-02
Party Reference No	4	NIL
Report Date	:	29/05/2024
Period of Analysis	:	24/05/2024-29/05/2024
Receipt Date	;	24/05/2024

Sample Description	: AMBIENT AIR QUALIT	YM	IONITORING
General Inform Sampling Location			Bade Bhandar
Sample Collected		- 2	VTL Team
Sampling Equips	nent used	1	RDS/FPS
Instrument Code		10	VTL/RDS/FPS/02
Coordinates		:	21"44'21" & 83"17'21"
Meteorological co	ondition during monitoring		Clear Sky
Date of Monitorin	Ig	1	21/05/2024 To 22/05/2024
Time of Monitorin	19		10:00 TO 10:00 Hrs.
Ambient Tempera	sture (°C)		Min. 28°C Max. 42°C
Surrounding Acti	vity	:	Human, Vehicular & Other Act.
Scope of Monitor	ing		Regulatory Requirment
Method of Sampl	ing	:	IS 5182
Sampling Duratio	n	:	24 Hrs.
Parameter Requir	red	12	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	70.85	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.56	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P-6)-2006, RA.2018	18.41	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	10.24	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report











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Page No. 1/1

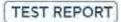
Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.

SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
 9929108691, 9810205356, 8005707098, 9549956601

2 0141-2954638

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Sampl

: M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	:	VTL/A/2405240001/B
Format No	:	7.8 F-02
Party Reference No	:	NIL
Report Date	:	29/05/2024
Period of Analysis	:	24/05/2024-29/05/2024
Receipt Date	3	24/05/2024

le Descript	tion : AMBIENT AIR QU	ALITY MONITORING	
Sampli	al Information:- ng Location e Collected By	: Bade Bhandar : VTL Team	
Sampli	ng Equipment used	: RDS/FPS	
Instrum	nent Code	: VTL/RDS/FPS/02	
Coordin	nates	: 21*44'21" & 83*17'21"	
Meteore	ological condition during monitorin	ng : Clear Sky	
Date of	Monitoring	: 21/05/2024 To 22/05/2024	
Time of	f Monitoring	: 10:00 TO 10:00 Hrs.	
Ambien	nt Temperature ("C)	: Min. 28"C Max. 42°C	
Surrou	nding Activity	: Human, Vehicular & Other Act.	
Scope	of Monitoring	: Regulatory Requirment	
Method	of Sampling	: IS:5182	
Sampli	ng Duration	: 24 Hrs.	
Parame	eter Required	: As per work order	

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.65	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report







RK Yadav	
Lab Incharge B 2	_
Authorized Signatory	

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Vibrant Techno Lab Pvt. Ltd.

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Name & Address of the Party : M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgari

	Report No.	;	VTL/AV2405240002/A
	Format No	5	7.8 F-02
	Party Reference No	;	NIL
h	Report Date	i.	29/05/2024
	Period of Analysis	:	24/05/2024-29/05/2024
	Receipt Date	3	24/05/2024

Sample Description	: AMBIENT AIR QUALIT	YN	IONITORING
General Inform Sampling Location Sample Collecter Sampling Equipt	on d By		Chote Bhandar VTL Team RDS/FPS
Instrument Code Coordinates			VTL/RDS/FPS/01 21*43'57" & 83*17'00"
Meteorological c Date of Monitorir Time of Monitori	-		Clear Sky 21/05/2024 To 22/05/2024
Ambient Tempera Surrounding Acti	ature ("C) ivity		09:30 TO 09:30 Hrs. Min. 28°C Max. 42°C Human, Vehicular & Other Act
Scope of Monitor Method of Sampl Sampling Duratio	ing		Regulatory Requirment IS :5182 24 Hrs.
Parameter Requi		4	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	71.29	µg/m²	100
2	Particulate Matter (as PM2.5)	IS:5182 (P-24)-2019	34.56	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.25	µg/m²	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	12.85	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

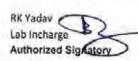
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Name & Address of the Party : M/s Adam Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist,- Raigarh 496100 Chhattisgarh

Report No.	:	VTL/A/2405240002/B
Format No		7.8 F-02
Party Reference No	;	NIL
Report Date	:	29/05/2024
Period of Analysis	:	24/05/2024-29/05/2024
Receipt Date	;	24/05/2024

		Prove the second s	
: AMBIENT AIR QUALIT	TY M	ONITORING	
on	:	Chote Bhandar	
	:	RDS/FPS VTL/RDS/FPS/01	
		Clear Sky	
ng		09:30 TO 09:30 Hrs.	
ring		Human, Vehicular & Other Act. Regulatory Requirment	
n		IS :5182 24 Hrs. As per work order	
	: AMBIENT AIR QUALI ation:- on d By nent used ondition during monitoring ng ag ature ("C) ivity ring ing on red	ation:- on : d By : nent used : ondition during monitoring : ng : ature ("C) ; ivity : ring : on :	on : Chote Bhandar d By : VTL Team nent used : RDS/FPS : VTL/RDS/FPS/01 : 21*43'57* & 83*17'00" ondition during monitoring : Clear Sky ng : 21/05/2024 To 22/05/2024 ng : 21/05/2024 To 22/05/2024 ng : 09:30 TO 09:30 Hrs. ature (*C) : Min. 28°C Max. 42°C ivity : Human, Vehicular & Other Act. ring : Regulatory Requirment ing : IS :5182 on : 24 Hrs.

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.76	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\w2	7

"BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

""End of Report""

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RK Yadav	
Lab Incharge B2	-
Authorized Signatory	5

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e the unindginadie		
le Number : VTL/AA/07	No. was a complete the second	Report No.
& Address of the Party	: M/s Adani Power Limited	Format No
	Village- Chhote Bhandar, Post- Bade Bhandar,	Party Reference No
	Tehsil- Pussore Dist - Ralgarh 496100 Chhattisgarh	Report Date
		Period of Analysis
		Receipt Date

rt No.	: VTL/A/2405240006/A
at No	: 7.8 F-02
Reference No	: NIL
rt Date	: 29/05/2024
d of Analysis	: 24/05/2024-29/05/202
ipt Date	: 24/05/2024

Sample Description	: AMBIENT AIR QUAL	TY M	IONITORING
General Inform Sampling Locati			Village Kathli
Sample Collecter	d By		VTL Team
Sampling Equipr	nent used		RDS/FPS
Instrument Code			VTL/RDS/FPS/03
Coordinates		:	21"43'28" & 83"16'26"
Meteorological c	ondition during monitoring	:	Clear Sky
Date of Monitorin	ng	11	21/05/2024 To 22/05/2024
Time of Monitori	ng		10:30 TO 10:30 Hrs.
Ambient Temper	ature (*C)	:	Min. 28°C Max. 42°C
Surrounding Act	ivity	:	Human, Vehicular & Other Act.
Scope of Monito	ring	:	Regulatory Requirment
Method of Samp	ling	:	IS :5182
Sampling Duration	n	:	24 Hrs.
Parameter Requi	red	1	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P-23)-2006, RA. 2017	65.96	µg/mª	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	30.45	µg/mª	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P-6)-2006, RA.2018	20.85	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	11.48	µg/m³	80

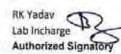
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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San

Name & Address of the Party : M/s Adam Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh
 Report No.
 :
 VTL/A/2405240008/B

 Format No
 :
 7.8 F-02

 Party Reference No
 :
 NIL

 Report Date
 :
 29/05/2024

 Period of Analysis
 :
 24/05/2024-29/05/2024

 Receipt Date
 :
 24/05/2024

nple	e Description : AMBIENT AIR QUALI	TYN	IONITORING	
	General Information:- Sampling Location Sample Collected By	: :	Village Kathli VTL Team	
	Sampling Equipment used Instrument Code Coordinates		RDS/FPS VTL/RDS/FPS/03 21*43'28" & 83*16'26"	
	Meteorological condition during monitoring Date of Monitoring		Clear Sky 21/05/2024 To 22/05/2024	
	Time of Monitoring Ambient Temperature ("C)	: :	10:30 TO 10:30 Hrs. Min. 28°C Max. 42°C	
	Scope of Monitoring	:	Human, Vehicular & Other Act. Regulatory Requirment	
	Sampling Duration		24 Hrs.	
	Ambient Temperature (*C) Surrounding Activity Scope of Monitoring Method of Sampling		Min: 28°C Max. 42°C Human, Vehicular & Other Act. Regulatory Requirment IS: 5182	

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no VTL/STP/02:2022, STP-08	0.72	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\w _a	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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K Yadav	
ab Incharge	-
Authorized Signator	x)

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Sample Description



: VTL/A/2405240007/A

: 7.8 F-02

Number: VTL/AA/08		Report No.	: VTL
Address of the Party	M/s Adani Power Limited	Format No	17.8 F
	Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh	Party Reference No	; NIL
		Report Date	: 29/0
		Period of Analysis	: 24/0
		Receipt Date	: 24/05
Description	: AMBIENT AIR QUALITY MONITORING		
General Information	Ľ-		

	Tehsil- Pussore Dist F	laig	arh 496100 Chhattisgarh	Report Date	: 29/05/2024
				Period of Analysis	: 24/05/2024-29/05/2024
				Receipt Date	: 24/05/2024
Description	: AMBIENT AIR QUALIT	YN	ONITORING		
General Informa Sampling Locatio		4	Village- Amli Bhavan		
Sample Collected		:	VTL Team		
Sampling Equipm	ient used	3	RDS/FPS		
Instrument Code		1	VTL/RDS/FPS/04		
Coordinates		1	21"43'33" & 83"16'6"		
Meteorological co	ondition during monitoring	:	Clear Sky		
Date of Monitorin	9	:	21/05/2024 To 22/05/20	24	
Time of Monitorin	g	-	11:00 TO 11:00 Hrs.		
Ambient Tempera	ture (°C)	:	Min. 28*C Max, 42*C		
	234 · · · · · · · · · · · · · · · · · · ·				

Parameters	Test Method	Results
Parameter Required	: As per work order	
Sampling Duration	: 24 Hrs.	
Method of Sampling	: IS 5182	
Scope of Monitoring	: Regulatory Require	ment
Surrounding Activity	: Human, Vehicular	& Other Act.
Ambient Temperature (°C)	: Min. 28*C Max, 42	°C

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	67.95	µg/m*	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.45	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.36	µg/mª	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	12.45	µg/m³	80

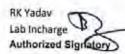
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

"End of Report""











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Name & Address of the Party : M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	: VTL/A/2405240007/B
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	: 29/05/2024
Period of Analysis	: 24/05/2024-29/05/2024
Receipt Date	: 24/05/2024

6 Mal			-		
	Parameter Requi	ired	1	As per work order	
	Sampling Duratie	on	1	24 Hrs.	
	Method of Samp	ling	:	IS :5182	
	Scope of Monito	ring	:	Regulatory Requirment	
	Surrounding Act	livity	1	Human, Vehicular & Other Act.	
	Ambient Temper	ature (*C)	1	Min. 28°C Max. 42°C	
	Time of Monitori	ng	1	11:00 TO 11:00 Hrs.	
	Date of Monitori	ng	1	21/05/2024 To 22/05/2024	
	Meteorological c	condition during monitoring	:	Clear Sky	
	Coordinates		:	21*43'33" & 83*16'6"	
	Instrument Code	1	1	VTL/RDS/FPS/04	
	Sampling Equip	C. L. C. D. S. S. S.	:	RDS/FPS	
	Sample Collecte	and the second se	1	VTL Team	
	General Inform Sampling Locati	on	:	Village- Amli Bhavan	
Sample	Description	: AMBIENT AIR QUAL	ITY N	IONITORING	1.1.1.1.1.1
				incompt butte	. 24/00/2024

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.67	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\w _a	

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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RK Yadav
Lab Incharge
Authorized Signator

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Sample Number : VTL/AN/0	2		Report No:	: VTL/N/2405240001/A
Name & Address of the Party	: M/s Adani Power Limite Village- Chhote Bhanda	r, Post- Bade Bhandar,	Format No Party Reference No	: 7.8 F-04 : NIL
	Tehsil- Pussore Dist R	laigarh 496100 Chhattisgarh	Report Date Receipt Date	: 29/05/2024 : 24/05/2024
Sample Description	: Ambient Noise Level M	Monitoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment		Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM		Instrument Calibration Status	: Calibrated
General Informatio	m:-			
Sampling Location		: Chote Bhandar		
Instrument Code Meteorological condition during monitoring Date of Monitoring		: VTL/SLM/01		
		: Clear Sky		
		: 21/05/2024 To 22/05/20	24	
Time of Monitoring		: 06:00 TO 06:00 Hrs.		
Ambient Temperature	(°C)	* Min. 28°C Max. 42°C		

Ambient Temperature (°C) Surrounding Activity

Parameter Required

Coordinates

Human, Vehicular & Plant Act.
 As per work order

: NA

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
I Leq		IS 9989 - 1981 RA:2020	54,1	41.7

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leg* Day Time Night Time A Industrial area 75 70 8 Commercial area 65 55 C 55 **Residential area** 45

1. Day Time is from 5.00 AM to 10.00 PM.

D

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3-Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

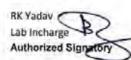
Silence Zone

End of Report









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Sample Number Oble VTL/AN/01	Contraction of the second s		Report No.	: VTL/N/2405240002/A
Name & Address of the Party	: M/s Adani Power Limited		Format No	- 7.8 F-04
	Village- Chhote Bhandar, F	Property in the second se	Party Reference No	: NIL
	Tehsil- Pussore Dist Raig	garh 496100 Chhattisgarh	Report Date	: 29/05/2024
			Receipt Date	: 24/05/2024
Sample Description	: Ambient Noise Level Mor	nitoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment		Sample Collected	: VTL Team
Protocol Used	: IS 9989		Instrument	- Calibrated
Instrument Used	: SLM		Calibration Status	Cambrated
General Informatio	n:-			
Sampling Location		Bade Bhandar		
Instrument Code		VTL/SLM/02		

Meteorological condition during monitoring Clear Sky : **Date of Monitoring** 21/05/2024 To 22/05/2024 2 Time of Monitoring 06:00 TO 06:00 Hrs. Ambient Temperature ("C) Min. 28°C Max. 42°C ٥ Surrounding Activity Human, Vehicular & Plant Act. 2 Parameter Required : As per work order Coordinates

NA •

S.No.	Test Parameters	Protocol	Test Result dB(/	
			Day Time	Night Time
1 Leq		IS 9989 - 1981 RA:2020	52.4	41.1

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time A Industrial area 75 70 ₿ Commercial area 65 55 c **Residential area** 55 45 D Silence Zone 50 40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

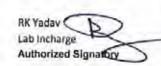
Note: Mixed categories of areas be declared as one of the four above mentioned categories by the compotent Authority and the corresponding standards shall apply

"End of Report""











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Sample Number : VTL/AN/06				Report No.	: VTL/N/2405240003/A
Name & Address of the Party	M/s Adani Power Limited		Format No	: 7.8 F-04	
	Village- Chhote Bhanda			Party Reference No	: NIL
	Tensil- Pussore Dist R	Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			: 29/05/2024
					: 24/05/2024
Sample Description	: Ambient Noise Level M	Aon	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment		1 M	Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	; Calibrated
General Informatio	n:-				
Sampling Location		;	Village- Amli Bhavan		
Instrument Code			VTL/SLM/04		
Meteorological condition	tion during monitoring	1	Clear Sky		
Date of Monitoring		4	21/05/2024 To 22/05/20	24	
Time of Monitoring		:	06:00 TO 06:00 Hrs.		
Ambient Temperature	(°C)	:	Min. 28°C Max. 42°C		
Surrounding Activity		:	Human, Vehicular & Pla	nt Act	
Parameter Required			As per work order		

: As per work order NA .

S.No.	Test Parameters	Protocol	Test Result dB(Day Time Nig 50.2	sult dB(A)
0.1				Night Time
1 Leq	1	IS 9989 - 1981 RA:2020	50.2	39.4

Area Code	Category of Area/Zone	Limits i	n dB(A) Leq*
1		Day Time	Night Time
A	Industrial area	75	70
8	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

Coordinates

2. Night Time is reckaned between 10.00 PM to 6.00 AM. 3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle norm, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ***End of Report***











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Sample Number : VTL/AN/0	5		Report No.	: VTL/N/2405240007/A
Name & Address of the Party		d ir, Post- Bade Bhandar, laigarh 496100 Chhattisgarh	Format No Party Reference No Report Date	: 7.8 F-04 : NIL : 29/05/2024
			Receipt Date	; 24/05/2024
Sample Description	: Ambient Noise Level /	Monitoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requiment		Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM		Instrument Calibration Status	: Calibrated
General Informatio	m:-			
Sampling Location		: Village - Kathli		
Instrument Code		: VTL/SLM/03		
Meteorological condition during monitoring		: Clear Sky		
Date of Monitoring	and a second second second	: 21/05/2024 To 22/05/20	024	
Time of Monitoring		: 06:00 TO 06:00 Hrs.		
Ambient Temperature	e ("C)	: Min. 28°C Max. 42°C		
Surrounding Activity		: Human, Vehicular & Pla	ant Act.	

Coordinates NA S.No. **Test Parameters** Protocol Test Result dB(A) Day Time **Night Time** IS 9989 - 1981 RA:2020 54.2 42.1 1 Leq

: As per work order

Ambi	ent Noise Quality Standards as per Noise Pollution (Regula	tion and Control) Rules, 2000	
Area Code	Category of Area/Zone	Limits in dB(A) Leg*	
		Day Time	Night Time
A	Industrial area	75	70
0	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM:

Parameter Required

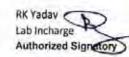
2. Night Time is reckoned between 10:00 PM to 6:00 AM. 3.Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

""End of Report""











Page No. 1/1

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Sample Number : VTL/AN/0	9			Report No.	: VTL/N/2405240010/A
Name & Address of the Party	: M/s Adani Power Limite	d		Format No	; 7.8 F-04
	Village- Chhote Bhanda			Party Reference No	: NIL
	Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			Report Date	: 29/05/2024
				Receipt Date	: 24/05/2024
Sample Description	: Ambient Noise Level M	noN	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	; Calibrated
General Informatio	on:-				
Sampling Location		:	Switch Yard		
Instrument Code			VTL/SLM/05		
Meteorological cond	tion during monitoring	:	Clear Sky		
Date of Monitoring		1	21/05/2024 To 22/05/20	24	
Time of Monitoring		:	06:00 TO 06:00 Hrs.		

Ambient Temperature (°C) Surrounding Activity

Parameter Required

Coordinates

: Min. 28°C Max. 42°C

: Human, Vehicular & Plant Act. * As per work order

+ NA

S.No.	Test Parameters	Protocol	Test Resul Day Time 63.5	sult dB(A)
114		and the second se	Day Time	Night Time
1	Leg	IS 9989 - 1981 RA:2020	63.5	49.8

Area Code	Category of Area/Zone	Limits i	n dB(A) Leq*
2		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 5.00 AM to 10.00 PM.

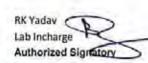
 Night Time is reckoned between 10:00 PM to 6:00 AM.
 Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ***End of Report***











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	M/S	Adani	Power	Limited

Village- Chhote Bhandar, Post- Bade Bhandar,

Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

	Report No.	¢	VTL/S/2405240001
	Format No	-	7.8 F-03
	Party Reference No	ł	NIL
1	Report Date	÷	29/05/2024
	Period of Analysis	:	24/05/2024-29/05/2024
	Receipt Date	:	24/05/2024

Sample Description	: Stack Emission	Mor	nitorina
General Informa Sampling Locatio Sample Collected	ation:-	* *	TPP VTL Team
Date of Sampling Sampling duratio Stack attached to	n (Minutes)		20/05/2024 26 min (16:14 to 16:40 hrs.) TPP
Make of stack Diameter of stack	5	:	RCC 7.5 m
Height of stack(m Instrument calibra Meteorological Co	ation status		275 m Calibrated Clear Sky
	tack Gases - Ts (*C)	* **	40°C 126°c
Velocity of Stack (Flow rate of PM (L Flow rate of Gas (.PM)		26.56 38 2.0
Sampling condition Protocol used	n		OK IS 11255 & USEPA
Coordinates			-

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	36,95	mg/Nm3
2	Sulphur Dioxide (SO2)	IS: 11255(P- 2): 1985, RA.2019	685.0	mg/Nm3
3	Oxide of Nitrogen (NO2)	IS-11255 (P-7), RA 2017	272.0	mg/Nm3
4	Mercury (Hg)	USEPA 29: 1996	"BLQ(""LOQ-0.001)	mg/Nm3

*BLO= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report







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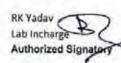
perience the unimaginable" Sample Number : VTL/WW/		02			ULR No. Report No.		TC112272400000085 : VTL/WW/2405240002	
		M/s Adani I	Power Limited		Format No		: 7.8 F-01	
		Village- Ch	hote Bhandar, Post- Bade Bha	ndar,	Party Refere	nce No	: NIL	
		Tehsil- Pus	sore Dist Raigarh 496100 Ch	hattisgarh	Report Date		: 29/05/2024	
Name	& Address of the Party	1			Period of An	alysis	: 24/05/2024-29/05/202	24
Sampl	e Description	: Waste Wat	ter		Receipt Date		: 24/05/2024	
Sampl	ing Location	: ETP Outlet			Sampling Da	te	: 22/05/2024	
Sampl	e Collected By	: VTL Team			Sampling Ty	pe	Grab	
Preser	vation	: Suitable Pr	eservation		Sample Qua	ntity	: 2 Ltr.	
Metho	d of sampling	: IS :3025			Coordinates		:NA	
S.No.	Test Paramet	ers	Test Method	Re	sult	Unit	t Limits	0
1	pH		IS: 3025 (P-11): 2022	8	.09		5.5 to 9.0	0
2	Total Suspended Solids	(TSS)	IS: 3025 (P-17): 2022	2	25.0	mg/l	100	
3	Oil & Grease		IS:3025 (P-39): 2021	*BLQ(*	LOQ-4.0)	mg/l	10	
4	Biochemical Oxygen Der (3 days @ 27°C)	nand (BOD)	IS: 3025 (P-44): 2023	1	8.50	mg/l	30	
				-				

End of Report











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	KAN I				ULR No.			400000853F	
Sample	Number: VTL/WW/	03			Report No.		: VTL/WW/	2405240003/A	
		M/s Adani I	Power Limited		Format No		7.8 F-01		
			hote Bhandar, Post- Bade Bha		Party Refere	nce No	: NIL		
		Tehsil- Pus	sore Dist - Raigarh 496100 Ch	hattisgarh	Report Date		: 29/05/202	4	
lame	& Address of the Party	:			Period of Ar	alvsis	: 24/05/202	4-29/05/2024	
ampl	e Description	: Waste Wat	ter		Receipt Date Sampling Date		: 24/05/2024		
Sampl	ing Location	: STP Outlet					: 22/05/2024		
	e Collected By	: VTL Team			Sampling Ty		Grab	5	
2000	vation	: Suitable Pr	eservation	Sample Quantity			: 2 Ltr.		
Metho	d of sampling	: IS :3025			Coordinates		:NA		
S.No.	Test Paramet	ers	Test Method	Re	sult	Unit		Limits	
1	pН		IS: 3025 (P-11): 2022	7	.68	× .		5.5 to 9.0	
2	Total Suspended Solids	(TSS)	IS: 3025 (P-17): 2022	2	26.0 mg/		0.1111	100	
3	Oll & Grease		IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)		mg/l		10	
4	Biochemical Oxygen Der (3 days @ 27*C)	mand (BOD)	30D) IS: 3025 (P-44): 2023		16.50 mg			30	
5 Chemical oxygen Demand (COD)		IS: 3025 (P-58) : 2023	42.00 mg		an a d		250		

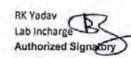
LOQ-Limit Of Quantification

End of Report











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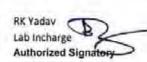
	the unimaginable"				ULR No.		: TC1122	2724000000854F			
Sample Number : VTL/V		L/WW/04			Report No.		: VTLW	W/2405240004/A			
		M/s Ad	ani Power Limited		Format No		: 7.8 F-0	1			
			Chhote Bhandar, Post- Bade Bhan	10 million	Party Refere	nce No	: NIL				
	3 257 - A.M.A.		Pussore Dist - Raigarh 496100 Chh	attisgarh	Report Date		: 29/05/2	024			
Name	& Address of the	Party :			Period of Analysis		: 24/05/2024-29/05/2024 : 24/05/2024				
Samp	le Description	: Waste	Waste Water		Receipt Date						
and the second sec			Cooling Tower Blow Down VTL Team		Sampling Date Sampling Type		: 22/05/2024 : Grab				
			Suitable Preservation			ntity	: 2 Ltr.				
Metho	od of sampling	: IS :302	a second a second a		Coordinates		:NA				
S.No.	Test Pa	rameters	Test Method	R	esult	Uni	t	Limits	-		
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ("LOQ-0.1)	mg/	1	2	1		
2	2 Zinc (as Zn)		and the set of the set		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(*	"LOQ-0.2) m		g/i 5		Ī
3	Residual Free Chi	orine	IS: 3025 (P-26):2021		0.40	mg/		1.0	_		

"End of Report""











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perience	the unimoginable							
Sampl	e Number : VTL/WW/	04			Report No.		: VTLA	VW/2405240004/B
		M/s Adar	M/s Adani Power Limited				: 7.8 F.	01
		Village- Chhote Bhandar, Post- Bade Bhandar,			Party Refere	nce No	: NIL	
Name & Address of the Party		Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			Report Date		: 29/05/2024	
manne					Period of Analysis		: 24/05/2024-29/05/2024	
Sampling Location : C Sample Collected By : V		: Waste Water			Receipt Date		: 24/05/2024	
		: Cooling	ooling Tower Blow Down			ite	: 22/05/2024 3 Grab 3 2 Ltr.	
		: VTL Tea	TL Team		Sampling Type			
		: Suitable	Suitable Preservation			ntity		
Metho	d of sampling	: IS :3025			Coordinates		:NA	
S.No.	Test Paramet	ers	Test Method	R	esult	Uni	t	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec.1	"BLQ("LOQ-0.2)	mg/	1	5

End of Report









RK Yadav
Lab Incharge
Authorized Signator

des PTO

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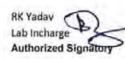
perience Sampl Name Sampl Sampl Sampl	the unimaginable" e Number : VTL/WW/ & Address of the Party le Description ling Location le Collected By rvation	M/s A Villag Tehsi : Wast : Boller : VTL 1	dani Power Limited a- Chhote Bhandar, Post- Bade Bhan I- Pussore Dist Raigarh 496100 Chh e Water Blow Down 'eam ale Preservation		ULR No. Report No. Format No Party Refere Report Date Period of An Receipt Date Sampling Da Sampling Ty Sample Qua	alysis ate pe	: VTLA : 7.8 F- : NIL : 29/05	/2024 /2024-29/05/2024 //2024 //2024
Metho	d of sampling	: IS :30	25		Coordinates		:NA	
S.No.	Test Paramet	ars	· Test Method	R	esult	Uni	t	Limits
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0.1)	mg/		2
2	Zinc (as Zn)		(as Zn) APHA 23rd Edition-3030D, *BL 3113 B, 2017		"LOQ-0.2)	mg/		5
3	Residual Free Chlorine		IS: 3025 (P-26):2021	-	0.46	mg/		1.0

End of Report











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Sampl	e Number : VTL/WW/	05			Report No.		: VTLV	WV/2405240005/B	
		M/s Ada	M/s Adani Power Limited				: 7.8 F-01		
		Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			Party Refere	nce No	NIL :		
Nama	& Address of the Party	Tenor P	ussole Dist Kalgani 490100 Chine	məgain	Report Date		: 29/05/2024		
reative	a Address of the Farty				Period of An	alysis	: 24/05/2024-29/05/2024		
Sampling Location : E Sample Collected By : V		: Waste V	: Waste Water : Boiler Blow Down : VTL Team			Receipt Date		2024	
		: Boiler Bl				te	: 22/05/2024		
		: VTL Tea				Sampling Type			
		: Suitable Preservation			Sample Quantity		: 2 Ltr.		
Metho	d of sampling	: IS :3025			Coordinates		:NA		
S.No.	Test Paramet	ers	Test Method	R	esult	Uni	t	Limits	
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec.1	"BLQ(*LOQ-0.2)	mg/	1	6	

End of Report









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VTL/WL/01 M/s Adani Power Limited Village –Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist- Raigarh 496100 (Chhattisgarh)

Report No.:
Format No.:
Party Reference No.:
Report Date:
Receipt Date:

Date of Monitoring

VTL/WL/2405240001-03 7.8 F-01 NIL 29/05/2024 24/05/2024 22/05/2024

Sample Collected By Sample Description: VTL Team Ground Water Level Monitoring

S.No.	Location	Depth (In meter)
1,	Piezometer Well No 02	2.67
2.	Piezometer Well No 03	3.73
3.	Piczometer Well No 04	4.61





Experiment the Introductor

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M/s Adani Power Limited Report No. : VTL/A/2407010001/A Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Ralgarh 496100 Chhattisgarh Report Date : 04/07/2024 Period of Analysis : 01/07/2024-04/07/2024

Sample Descript	ion AMBIENT AIR QUAL	Receipt Date
Genera Sampli Sampli Instrum Coordin Meteoro Date of Time of Amblen Surrour Scope o Method Samplin	al Information:- ng Location • Collected By ng Equipment used tent Code	 Bade Bhandar VTL Team RDS/FPS VTL/RDS/FPS/03 21*44'21" & 83*17'21" Clear Sky 27/06/2024 To 28/06/2024 11:00 TO 11:00 Hrs. Min. 26°C Max 32°C Human, Vehicular & Other Act. Regulatory Requirment IS :5182 24 Hrs. As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	73.48	µg/mª	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	34,16	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P-6)-2006, RA 2018	19.26	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	11.82	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

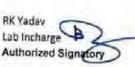
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TEST REPORT



ber: VTL/AA/01		
lress of the Party	: M/s Adani Power Limited	
	Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh	

Report No.	: VTL/A/2407010001/B
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	: 04/07/2024
Period of Analysis	: 01/07/2024-04/07/2024
Receipt Date	: 01/07/2024

Sample	Description	: AMBIENT AIR OUAL IT	TV A	Receipt Date
Sample	General Informa Sampling Locatio Sample Collected Sampling Equipm Instrument Code Coordinates	n By ent used ndition during monitoring g g lure (*C) ity ng	TY A	
	Sampling Duration		1:	24 Hrs.
-	Parameter Require	0	1	As per work order

S.No.	o. Parameters Test Method		Results	Units	
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08			NAAQS 2009
-				mg/m³	4
-	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\w ₂	-

End of Report

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M/s Adani Power Limited Report No. M/s Adani Power Limited Format No Village- Chhote Bhandar, Post- Bade Bhandar, Party Reference No Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh Report Date Period of Analysis Receipt Date

 Report No.
 :
 VTL/A/2407010002/A

 Format No
 :
 7.8 F-02

 Party Reference No
 :
 NIL

 Report Date
 :
 04/07/2024

 Period of Analysis
 :
 01/07/2024-04/07/2024

 Receipt Date
 :
 01/07/2024

Sample	Description : AMBIENT AIR QUAL	ITY MONITOPING
	General Information:- Sampling Location Sample Collected By Sampling Equipment used Instrument Code Coordinates Meteorological condition during monitoring Date of Monitoring Time of Monitoring Ambient Temperature (°C) Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	 Chote Bhandar VTL Team RDS/FPS VTL/RDS/FPS/02 21"43'57" & 83*17'00"

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P-23)-2006, RA. 2017	74.35	ug/m³	100
2	Particulate Matter (as PM2.5)	IS 5182 (P- 24)-2019	35.64	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	20.18	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2)-2001, RA. 2018	13.52	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

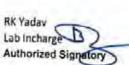
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TEST REPORT



Name & Address of the Party : M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh

Report No.	: VTL/A/2407010002/B
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	: 04/07/2024
Period of Analysis	: 01/07/2024-04/07/2024
Receipt Date	: 01/07/2024

MONITORING Receipt Date
 Chote Bhandar VTL Team RDS/FPS VTL/RDS/FPS/02 21*43'57" & 83*17'00" Clear Sky 29/06/2024 To 30/06/2024 10:30 TO 10:30 Hrs. Min. 26*C Max. 32*C Human, Vehicular & Other Act. Regulatory Requirment IS :5182 24 Hrs. As per work order

S.No.	Parameters	eters Test Method		Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	Results 0.81	mg/m*	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd	BLQ (**LOQ	µg/m³	-
		ed., 1988, Method No.317	0.5)	12.5-21	

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report









RK Yadav Lab Incharge Authorized Signatory

Page No. 1/1

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Sample Number : VTL/AA/07 Name & Address of the Party	M/s Adani Power Limite Village- Chhote Bhanda		Report No. Format No Party Reference No Report Date Period of Analysis	: VTL/A/2407010006/A : 7.8 F-02 : NIL : 04/07/2024 : 01/07/2024-04/07/2024
Sample Description			Receipt Date	: 01/07/2024
General Information Sampling Location Sample Collected By Sampling Equipment to Instrument Code Coordinates Meteorological conditi Date of Monitoring Time of Monitoring	used	 Village Kathli VTL Team RDS/FPS VTL/RDS/FPS/04 21*43'28" & 83*16'26" Clear Sky 29/05/2024 To 30/06/20. 10:00 TO 10:00 Hrs. 	24	

	Ambient Temperature ("C) Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	Min 26°C Max. 32°C Human, Vehicular & C Regulatory Requirmer IS 15182 24 Hrs. As per work order		
S.No	Parameters	Test Method	Results	Units
1	Particulate Matter (as PM10)	IS 5182 (P- 23)-2006, RA. 2017	69.14	µg/m³
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.28	µg/m³

IS:5182 (P- 6)-2006, RA.2018

IS:5182 (P-2)-2001, RA. 2018

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

Nitrogen Dioxide (as NO2)

Sulphur Dioxide (as SO2)

""End of Report""

France the working maker



3

4







22.72

12,55

µg/m³

µg/m'



Page No. 1/1

NAAQS 2009 100

60

80

80

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TEST REPORT



Name & Address of the Party ; M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	: VTL/A/2407010006/B
Format No	1 7 8 F-02
Party Reference No	: NIL
Report Date	: 04/07/2024
Period of Analysis	: 01/07/2024-04/07/2024
Receipt Date	: 01/07/2024

Sample Description	: AMBIENT AIR QUALIT	V M	IONITORING
General Informa Sampling Location Sample Collected Sampling Equipment Instrument Code Coordinates	tion:- By ent used ndition during monitoring ure (°C) ity 19 9	*******	Village Kathli VTL Team RDS/FPS VTL/RDS/FPS/04 21*43'28" & 83*16'26" Clear Sky 29/06/2024 To 30/06/2024 10:00 TO 10:00 Hrs. Min. 26°C Max. 32°C Human, Vehicular & Other Act. Regulatory Requirment IS :5182 24 Hrs. As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.76	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\w,	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

""End of Report""

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RK Yadav	
Lab Incharge	
Authorized Signatory	5

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Sample Number : VTL/AA/08 Name & Address of the Party	: M/s Adani Power Limite Village- Chhote Bhanda	ed ar, Post- Bade Bhandar, Raigarh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date Period of Analysis	: VTL/A/2407010007/A : 7.8 F-02 : NIL : 04/07/2024 : 01/07/2024-04/07/2024
Sample Description	AMBIENT AIR QUALIT	VNONITOPING	Receipt Date	: 01/07/2024
General Information Sampling Location Sample Collected By Sampling Equipment Instrument Code Coordinates	n:- used ion during monitoring	 Village- Amli Bhavan VTL Team RDS/FPS VTL/RDS/FPS/04 21"43'33" & 83"16'6" Clear Sky 29/06/2024 To 30/06/20 11:30 TO 11:30 Hrs Min. 26"C Max. 32"C Human, Vehicular & Oth 		

Parameter Required	: As per work order	A.		
Parameters	Test Method	Results	Units	NAAQS 2009
Particulate Matter (as PM10)	IS:5182 (P-23)-2006, RA. 2017	69.76	µg/m³	100
Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	34.14	µg/m³	60
Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018	20.86		80
Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	13.32		80
	Parameters Particulate Matter (as PM10) Particulate Matter (as PM2.5) Nitrogen Dioxide (as NO2)	Parameter Required : As per work order Parameters Test Method Particulate Matter (as PM10) IS:5182 (P- 23)-2006, RA. 2017 Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA. 2018	Parameter Required : As per work order Parameters Test Method Results Particulate Matter (as PM10) IS:5182 (P-23)-2006, RA. 2017 69.76 Particulate Matter (as PM2.5) IS:5182 (P-24)-2019 34.14 Nitrogen Dioxide (as NO2) IS:5182 (P-6)-2006, RA.2018 20.86	Parameter Required : As per work order Parameters Test Method Results Units Particulate Matter (as PM10) IS:5182 (P-23)-2006, RA. 2017 69.76 μg/m³ Particulate Matter (as PM2.5) IS:5182 (P-24)-2019 34.14 μg/m³ Nitrogen Dioxide (as NO2) IS:5182 (P-6)-2006, RA.2018 20.86 μg/m³

: Human, Vehicular & Other Act.

: Regulatory Requiment

: IS:5182

:

24 Hrs.

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

Scope of Monitoring

Method of Sampling

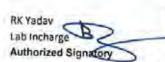
Sampling Duration

End of Report











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Name & Address of the Party : M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	: VTL/A/2407010007/B
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	: 04/07/2024
Period of Analysis	: 01/07/2024-04/07/2024
Receipt Date	: 01/07/2024

Y MONITORING Village- Amli Bhavan VTL Team RDS/FPS VTL/RDS/FPS/04 21*43*33* & 83*16*6* Clear Sky 29/06/2024 To 30/06/2024 11:30 TO 11:30 Hrs. Min: 26*C Max. 32*C Human, Vehicular & Other Act. Regulatory Requirment IS:5182 24 Hrs. As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.73	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m³	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

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Sample Number : VTL/AN/02 Name & Address of the Party	: M/s Adani Power Limite Village- Chhote Bhanda		Report Date	: VTL/N/2407010001/A ; 7.8 F-04 : NIL : 04/07/2024
Sample Description Scope of Monitoring Protocol Used Instrument Used General Informatio	: Ambient Noise Level N : Regulatory Requirment : IS 9989 : SLM	Monitoring	Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: 01/07/2024 : 24 Hrs. : VTL Team : Calibrated
Sampling Location Instrument Code	ion during monitoring	Chote Bhandar VTL/SLM/01 Clear Sky		

The result of the second se	· orear only
Date of Monitoring	: 29/05/2024 To 30/06/2024
Time of Monitoring	: 06:00 TO 06:00 Hrs.
Ambient Temperature (°C)	: Min. 26"C Max. 32"C
Surrounding Activity	: Human, Vehicular & Plant Act.
Parameter Required	: As per work order
Coordinates	. NA

S.No.	Test Parameters	Protocol	Test Result dB(A)	
		the second secon	Day Time	Night Time
1	Leg	IS 9989 - 1981 RA 2020	55.4	42.6

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time A Industrial area 75 70 В Commercial area 65 55 С **Residential area** 55 45 D Silence Zone 50 40

L Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

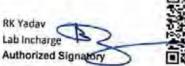
 Night time is recorded between autor that to easy fam.
 Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of Vehicle horn, Loudspeaker and bursting of crackers is banned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report











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Name & Address of the Party	: M/s Adani Power Limit Village- Chhote Bhand	ar, P	ost- Bade Bhandar, arh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date	: VTL/N/2407010002/A : 7.8 F-04 : NIL : 04/07/2024
Sample Description : Ambient Noise Scope of Monitoring : Regulatory Reg Protocol Used : IS 9989 Instrument Used : SLM General Information:-			itoring	Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: 01/07/2024 : 24 Hrs. : VTL Team : Calibrated
Sampling Location Instrument Code Meteorological condit Date of Monitoring Time of Monitoring Ambient Temperature Surrounding Activity	ion during monitoring (°C)	******	Bade Bhandar VTL/SLM/02 Clear Sky 29/06/2024 To 30/06/202 06:00 TO 06:00 Hrs. Min. 26°C Max. 32°C Human, Vehicular & Plar		

	Coordinates	: NA		
S.No. Test Parameters	Protocol	Test Result dB(A)		
			Day Time	Night Time
1	Leq	IS 9969 - 1981 RA:2020	53.6	423

: As per work order

Ambie	ent Noise Quality Standards as per Noise Pollution (Regula	tion and Control) Rules 2000	
Area Code	Category of Area/Zone		n dB(A) Leg*
		Day Time	Night Time
A	Industrial area	75	70
8	Commercial area	65	55
c	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

Parameter Required

2. Right Time is reckaned between 10.00 PM to 6.00 AM. 3.Silence Zone is defined as an area up to 100 m ground premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ""End of Report""











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т

A

s

D

Coordinates



Sample Number : VTL/AN/00 Name & Address of the Party	: M/s Adani Power Limite Village- Chhote Bhanda	ed ar, Post- Bade Bhandar, Ralgarh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date	: VTL/N/2407010003/A : 7.8 F-04 : NIL : 04/07/2024
Sample Description Scope of Monitoring Protocol Used Instrument Used General Informatio	: Ambient Noise Level I : Regulatory Requiment : IS 9989 : SLM n:-		Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: 01/07/2024 : 24 Hrs. : VTL Team ; Calibrated
Sampling Location Instrument Code Meteorological condit Date of Monitoring	ion during monitoring	 Village- Amli Bhavan VTL/SLM/04 Clear Sky 29/06/2024 To 30/06/20 	24	

Time of Monitoring	
mbient Temperature (°C)	
Surrounding Activity	
arameter Required	

÷	Min. 26°C Max. 32°C
i	Human, Vehicular & Other Act.
:	As per work order
	NIA

: 06:00 TO 06:00 Hrs.

NA	1	
 2		

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	51.6	40.1

Area Code	Category of Area/Zone	Limits	n dB(A) Leq*
		Day Time	Night Time
A	Industrial area	75	70
в	Commercial area	65	55
	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 5.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 5.00 AM,

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

more zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ***End of Report***











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1	Sample Number : VTL/AN/05	5			Report No.	. 100 010 00000000000000000000000000000
	Name & Address of the Party	; M/s Adani Power Limite Village- Chhote Bhandi Tehsil- Pussore Dist F	ar, P	Post- Bade Bhandar, arh 496100 Chhattisgarh	Format No Party Reference No Report Date	: VTL/N/2407010007/4 : 7.8 F-04 : NIL : 04/07/2024
	Sample Description Scope of Monitoring Protocol Used Instrument Used General Information	: Ambient Noise Level I : Regulatory Regulation : IS 9969 : SLM n:-		hitoring	Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: 01/07/2024 : 24 Hrs. : VTL Team : Calibrated
	Sampling Location Instrument Code	ion during monitoring		Village - Kathli VTL/SLM/03 Clear Sky 29/06/2024 To 30/06/20 06:00 TO 06:00 Hrs. Min. 26°C Max. 32°C	24	

: As per work order NA

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981 RA:2020	55.8	43.5

Human, Vehicular & Other Act.

Area Code	ent Noise Quality Standards as per Noise Pollution (Regula	tion and Control) Rules, 2000		
Area Code	Category of Area/Zone	Limits i	Limits in dB(A) Leg*	
		Day Time	Night Time	
A	Industrial area	75	70	
8	Commercial area	65	55	
c	Residential area	55	45	
D	Silence Zone	50	40	

1. Day Time is from 6.00 AM to 10.00 PM.

Surrounding Activity

Parameter Required

Coordinates

2. Night Time is reckoned between 10.00 PM to 5.00 AM. 3.Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts, Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

these somes. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ***End of Report***











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: M/s Adani Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh

: VTL/S/2407010001/A
: 7.8 F-03
: NIL
: 04/07/2024
: 01/07/2024-04/07/2024
: 01/07/2024

S.No.	Descent		14	
	Coordinates	-4	-	
	Protocol used	÷	IS 11255 & USEPA	
	Sampling condition	:	OK	
	Flow rate of Gas (LPM)	2	2.0	
	Flow rate of PM (LPM)	:	46	
	Velocity of Stack Gases (m/sec.)	:	32.46	
	Temperature of Stack Gases - Ts (°C)	1	126°c	
	Ambient Temperature - Ta ("C)	:	30°C	
	Meteorological Condition	1	Clear Sky	
	Instrument calibration status	17	Calibrated	
	Height of stack(m)	1	275 m	
	Diameter of stack(m)		75m	
	Make of stack		RCC	
	Stack attached to		TPP	
	Sampling duration (Minutes)	1	22 min. (16:20 to 16:42 hrs.)	
	Date of Sampling		28/06/2024	
	Sample Collected By		VTL Team	
	General Information:- Sampling Location		TPP	
Sample	e Description Stack Emission	Mo	nitoring	
	and the second se			Receipt

S.No.	Parameters	T		
		Test Method	Results	Units
	Particulate Matter (PM)	IS: 11255 (P-1): 1985, RA 2019	38.14	mg/Nm3
2	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	702	
3	Oxide of Nitrogen (NO2)		102	mg/Nm3
4	Mercury (Hg)	IS-11255 (P-7), RA 2017	288.0	mg/Nm3
_	Polou Linit Of Constitution and an	USEPA 29: 1996	*BLQ(**LOQ-0.001)	ma/Nm3

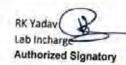
BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report











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Sample Description:

VTL/BA/01 M/s Adani Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist-Raigarh 496100 (Chhattisgarh) Bottom ASH

Report No.: Format No.:

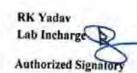
Party Reference No.: Report Date: Period of Analysis: Receipt Date: Sampling Date: Sampling Quantity: VTL/BA/2407010001 7.8 F-01

NIL 04/07/2024 01-04/07/2024 01/07/2024 29/06/2024 250 gm.

S. No.	Parameter	Test-Method	Results	Unit
1.	Arsenic (as As)	BY AAS Method	BLQ	mg/kg
2.	Mercury (as Hg)	BY AAS Method	BLQ	mg/kg
3.	Chromium (as Cr)	BY AAS Method	5.98	mg/kg
4.	Lead (as Pb)	BY AAS Method	7.83	mg/kg
5.	Barium (as Ba)	BY AAS Method	0.65	mg/kg
6.	Cadmium (as Cd)	BY AAS Method	1.42	mg/kg
7.	Cobalt (as Co)	BY AAS Method	0.22	mg/kg
8.	Copper (as Cu)	BY AAS Method	14.61	mg/kg
9.	Fluoride (as F)	BY Spectrophotometric Method	0.63	mg/kg
10.	Iron (as Fe)	BY AAS Method	0.75	mg/kg
11.	Mercury (as Hg)	BY AAS Method	0.32	mg/kg
12.	Mangnese (as Mn)	BY AAS Method	0.34	mg/kg
13.	Nickel (as Ni)	BY AAS Method	0.29	mg/kg
14.	Zinc (as Zn)	BY AAS Method	0.94	mg/kg
15.	Silica (SiO2)	IS: 1727: 1967	55.39	
16.	Ferric Oxide (Fe2O3)	IS: 1727: 1967	5.22	%
17.	Alumina Oxide (Al2O3)	IS: 1727: 1967	32.41	%
18,	Sulphuric Anhydride (SO3)	15:1727:1967	0.26	96
19.	Sodium Oxide	IS: 1727: 1967	0.25	%
20.	Potassium Oxide	IS: 1727: 1967	0.27	%
21.	Calcium Oxide	IS: 1727: 1967	3.53	
22.	Magnesia (MgO)	IS: 1727: 1967	0.75	%
23.	Titanium Dioxide (Tio2)	10.1727.1047	-	%
24.	P205	IS: 1727: 1967	0.22	%







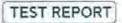
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 9929108691, 9810205356, 8005707098, 9549956601

C 0141-2954638





Sample Description:

VTL/FA/01 M/s Adani Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist- Raigarh 496100 (Chhattisgarh) FLY ASH

Report No.: Format No.:

Party Reference No.: Report Date: Period of Analysis: Receipt Date: Sampling Date: Sampling Quantity: VTL/FA/2407010001 7.8 F-01

NIL 04/07/2024 01-04/07/2024 01/07/2024 29/06/2024 250 gm.

S. No.	Parameter	Test-Method	Results	Unit
1.	Arsenic (as As)	BY AAS Method	BLQ	mg/kg
2.	Mercury (as Hg)	BY AAS Method	BLQ	mg/kg
3.	Chromium (as Cr)	BY AAS Method	0.64	mg/kg
4.	Lead (as Pb)	BY AAS Method	0.77	mg/kg
5,	Barium (as Ba)	BY AAS Method	0.30	mg/kg
6,	Cadmium (as Cd)	BY AAS Method	0.67	mg/kg
7.	Cobalt (as Co)	BY AAS Method	0.31	mg/kg
8.	Copper (as Cu)	BY AAS Method	0.51	mg/kg
9.	Fluoride (as F)	BY Spectrophotometric Method	0.58	mg/kg
10.	lron (as Fe)	BY AAS Method	0.62	mg/kg
11.	Mercury (as Hg)	BY AAS Method	0.30	mg/kg
12.	Mangnese (as Mn)	BY AAS Method	0.27	mg/kg
13.	Nickel (as Ni)	BY AAS Method	0.36	mg/kg
14.	Zinc (as Zn)	BY AAS Method	0.47	mg/kg
15.	Silica (SiO2)	IS: 1727: 1967	56.88	%
16.	Ferric Oxide (Fe2O3)	IS: 1727: 1967	7.96	%
17.	Alumina Oxide (Al2O3)	IS: 1727: 1967	29.14	%
18,	Sulphuric Anhydride (SO3)	IS: 1727: 1967	0.37	%
19.	Sodium Oxide	IS: 1727: 1967	0.039	%
20.	Potassium Oxide	IS: 1727: 1967	0.057	%
21.	Calcium Oxide	IS: 1727: 1967	3.13	%
22.	Magnesia (MgO)	IS: 1727: 1967	0.86	%
23.	Titanium Dioxide (Tio2)	IS: 1727: 1967	0.08	%
24.	P205	IS: 1727: 1967	0.06	%





RK Yadav Lab Incharge

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erience the unimaginable"			ULR No.	1 101	1122724000001190F
Sample Number : VTLN	WW/02				
Name & Address of the Pa Sample Description Sampling Location Sample Collected By	M/s Adani Village- Ch Tehsil- Pus	r	Report No. Format No hattisgath Report Date Period of A Receipt Dat Sampling D Sampling T	: 7.8 ence No : NIL : 04/0 nalysis : 01/0 e : 01/0 ate : 28/0	07/2024 07/2024-04/07/2024 07/2024 06/2024
Preservation Method of sampling	: Suitable Pr : IS :3025	eservation	Sample Qua Coordinate	antity : 2 Lt	r.
S.No. Test Parar	neters	Test Method	Result	Unit	Limits
1 pH		IS: 3025 (P-11): 2022	8.15		5.5 to 9.0
2 Total Suspended Sol	iids (TSS)	IS: 3025 (P-17): 2022	26.0	rng/l	100
3 Oil & Grease		IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
4 Biochemical Oxygen (3 days @ 27°C)	Demand (BOD)	IS: 3025 (P-44): 2023	19.42	mg/l	30
5 Chemical oxygen De	mand (COD)	IS 3025 (P-58) : 2023	75.0	mg/l	250

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TEST REPORT





	the unimoginable" le Number : VTL/WW/	03			ULR No. Report No.			724000001191F //2407010003/A	
		Village- Ch	Power Limited hote Bhandar, Post- Bade Bha	andar,	Format No Party Refere	ence No	: 7.8 F-01 : NIL		
Name	& Address of the Party	:	ssore Dist Raigarh 496100 Ch	hattisgarh	Report Date Period of An		: 04/07/20	2.	
1.000	Compliant continu		aste Water			e	: 01/07/2024-04/07/2024 : 01/07/2024		
Sampl Preser	le Collected By rvation of sampling	: STP Outlet : VTL Team : Suitable Pri : IS :3025			Sampling Da Sampling Ty Sample Qua Coordinates	/pe intity	: 28/06/20 : Grab : 2 Ltr. : NA	24	
S.No.	Test Paramete	ers	Test Method	R	esult	Unit		Limits	-
1	pН		IS: 3025 (P-11): 2022	7	7.74	-		5.5 to 9.0	-
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	1	28	mg/l	-	100	-
3	Oil & Grease		IS:3025 (P-39): 2021	"BLQ("	LOQ-4 0)	mg/l	_	10	-
4	Biochemical Oxygen Dem (3 days @ 27*C)	and (BOD)	IS: 3025 (P-44): 2023	17	7.80	mg/l	-	30	-
5	Chemical oxygen Demand	d (COD)	IS : 3025 (P-58) : 2023	4	4.0	mg/l	-	250	-

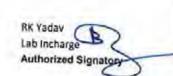
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rience the unimoginable" Sample Number : VTL/WW/	04 M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhan	ULR No. Report No. Format No Idar, Party Referen	: VT ; 7.8	1122724000001192F L/WW/2407010004/A F-01
Name & Address of the Party	Tehsil- Pussore Dist Raigarh 496100 Chi	Report Date		07/2024
Sample Description Sampling Location Sample Collected By Preservation Method of sampling	Waste Water Cooling Tower Blow Down VTL Team Suitable Preservation IS :3025	Period of Ana Receipt Date Sampling Da Sampling Tyj Sample Quar Coordinates	: 01/ te : 28/ pe : Gra ntity : 2 L	tr.
S.No. Test Paramete	ers Test Method	Result	Unit	Limits
1 Chromium (as Cr)	APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0.1)	mg/i	2
2 Zinc (as Zn)	APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	mg/l	5
3 Residual Free Chlorine	IS: 3025 (P-26):2021	0.44		

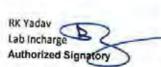
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Name & Address of the Party : Sample Description : Sampling Location : Sample Collected By : Preservation : Suite		Tehsil- F : : Waste V : Cooling	Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh Waste Water Cooling Tower Blow Down VTL Team Suitable Preservation IS : 3025		sgarh Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates		: 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 28/06/2024 : Grab : 2 Ltr.	
S.No.	Test Paramete	1.10.10.00.0	Test Method	R	esult	Unit	:NA	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec.1	*BLQ(*	*LOQ-0.2)	mg/l	_	5

End of Report









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Authorized Signatory	<
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crience	the unimoginable"				ULR No.		: TC112	27240000011026
Samp	e & Address of the Party	M/s Adan Village- C	il Power Limited Chhote Bhandar, Post- Bade Bhar ussore Dist Raigarh 496100 Chi	ndər, nattisgarh	Report No. Format No Party Refere Report Date Period of An		: VTL/W : 7.8 F-0 : NIL : 04/07/2	024
Samp Samp Prese Metho	ole Description oling Location ole Collected By ervation od of sampling	: Waste W : Boiler Blo : VTL Team : Suitable F : IS :3025	w Down		Receipt Date Sampling Date Sampling Ty Sample Qua Coordinates	ate pe ntity	: 01/07/2 : 01/07/2 : 28/06/2 : Grab : 2 Ltr. : NA	17.
S.No.	. Test Paramete	ers	Test Method	R	esult	Unit	t	Limits
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ(**LQQ-0.1)		0.1) mg/l		2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(*	LOQ-0.2)	mg/l		5
3	Residual Free Chlorine		IS: 3025 (P-26) 2021	0	.49	mg/l		1.0

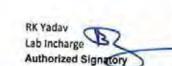
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Samp	le Number : VTL/WW/		and the second sec		Report No.		: VTLM	W/2407010005/B
		Village-	M/s Adanl Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			Format No Party Reference No		1
Name	& Address of the Party	:	observe blat." Halgani 490100 Chin.	amsgarn	Report Date		: 04/07/2	024
Samp Samp Prese	le Description ling Location le Collected By rvation of of sampling	: Waste V : Boller Bl : VTL Tea : Suitable : IS :3025	ow Down m Preservation		Period of Ar Receipt Date Sampling Da Sampling Ty Sample Qua Coordinates	e ate ype intity	: 01/07/20 : 01/07/20 : 28/06/20 : Grab : 2 Ltr. : NA	
S.No.	Test Paramete	ers	Test Method	R	esult	Uni		Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec.1	"BLQ("	"LOQ-0.2)	mg/	-	5

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

""End of Report""











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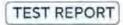
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VTL/WL/01 M/s Adani Power Limited Village –Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist- Raigarh 496100 (Chhattisgarh)

Report No.:
Format No.:
Party Reference No.:
Report Date:
Receipt Date:

Date of Monitoring

VTL/WL/2407010001-03 7.8 F-01 NIL 04/07/2024 01/07/2024 29/07/2024

Sample Collected By Sample Description: VTL Team Ground Water Level Monitoring

Location 1. Piezometer Well No 02 2. Piezometer Well No 03 3. Piezometer Well No 04	Depth (In meter)	
1.	Piezometer Well No 02	2.35
2.	Piezometer Well No 03	2.49
3.	Piezometer Well No 04	3.65

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RK Yadav Lab Incharge (Authorized Signatory)

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	XANI			ULR No.		: TC112272400	00011045	
erience the unimoginable" Sample Number : VTL/W/01				Report No.		 TC1122724000001194F VTLW/2407010001/A 7.8 F-01 		
Name & Address of the Party : M/s Adani Power Limited								
		Village- Chhote Bhandar, Post- Bade B		0.0000	ference No	(A C (2 C) 2 C		
		Tehsil- Pussore Dist - Raigarh 496100	Chhattisgarh	Report 0		: 04/07/2024		
					f Analysis	: 01/07/2024-04	107/2024	
Samp	le Description	: Water Sample		Receipt		: 01/07/2024	10/12024	
Samp	ling Location	: Village- Amli Bhavan		Samplin	g Date	: 28/06/2024		
	le Collected By	: VTL Team		Samplin	g Type	: Grab		
1944	rvation	Suitable Preservation		Sample	Quantity	: 2 Ltr.		
_	d of sampling	IS 3025		Coordina	ates	; NA		
S.No.	Test Parameters	Test Method	Resul	ts	Units	IS:105	00-2012	
						Acceptable Limit	Permissible Limit	
1	pH (at 25*C)	IS : 3025 (P-11) : 2022	7.67	ni.	+	6.5 to 8.5	No Relaxation	
2	Turbidity	IS: 3025: (P-10) 2023	"BLQ(""LO	Q-1.0)	NTU	1	5	
3	Total Hardness (as CaCO	3) IS 3025 (P-21): 2009, RA 2019	9 201 mg		mg/l	200	600	
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	55.24	55.24 mg/l		75	200	
5	Total Alkalinity (as CaCO:	3) IS: 3025 (P-23): 2023	208	208 mg/l		200	600	
6	Chloride (as Ci)	IS: 3025 (P-32): 1988, RA 2019	129		mg/l	250	1000	
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	15.35	5	mg/l	30	100	
8	Total Dissolved Solids	IS :3025 (P-16): 2023	530		mg/l	500	2000	
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec1 2022	33.8	0	mg/l	200	400	
10	Fluonde (as F)	APHA 23rd Edition ,4500FD :2017	0,56	1	mg/l	1.0	1.5	
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	22.3	0	mg/l	45.0	No Relaxation	
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.35	1	mg/l	1.0	No Relaxation	
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOO	2-0.03)	mg/l	0.03	0.2	
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	"BLQ(""LO	Q-0.2)	mg/l	0.5	2,4	
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	*BLQ(**LOQ-0.001)		mg/l	0.001	0.002	
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.44		mg/l	5.0	15.0	
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOC	2-0.02)	mg/l	0.05	1,5	











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Sample	e unimaginable" e Number : VTL/W/01		ULR No Report		: TC1122724000001194F : VTL/W/2407010001/A		
S.No.	Test Parameters	est Parameters Test Method	Results	Units	IS:10500-2012		
			1		Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/)	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-	
22	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA .2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

""End of Report""











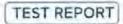
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Name & Address of the Party Sample Description Sampling Location Sample Collected By Preservation Method of sampling		Villag Tehs : Wate : Villag : VTL : Suita	W/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgar Water Sample Village- Amli Bhavan VTL Team Suitable Preservation IS :3025				: VTL/W/2407010001/B : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 28/06/2024 : Grab : 2 Ltr. : NA	
S.No.	Test Parameters	Test Parameters Test Method Res		Resu	lts	Units	IS:10500-2012	
							Acceptable Limit	Permissible Limit
1	Colour		IS : 3025:(P-4) 2021	"BLQ("LO	Q-5.0)	Hazen	5	15
2	Odour		IS: 3025 (P-5) 2018	Agreea	ble	-	Agreeable	Agreeable
3	Taste		IS :3025 (P-8): 2023	Agreea	ble	-	Agreeable	Agreeable
4	Cyanide (as CN)		APHA 23rd Edition ,4500D,2017	"BLQ(""LO	Q-0.02)	mg/l	0.05	No Relaxation
5	Mineral Oil		IS 3025 (P-39) 1989	"BLQ("LO	Q-0.05)	mg/l	1.0	No Relaxation
6	Anionic Detergents (as M	BAS)	APHA 23rd Edition , 5540C 2017	*BLQ(**LO	Q-0.05)	mg/I	0.2	1.0
7	Barium as Ba		APHA 23rd Edition,3111B 2017	*BLQ(**LO	Q-0.02)	mg/l	0.7	No relaxation

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TEST REPORT



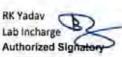


tiense	the unimoginable"			ULR No.		: TC112272400	0001195F	
Sample Number : VTL/W/02			Report No.		: VTL/W/2407010002/A			
Vame	& Address of the Party	: M/s Adani Power Limited		Format No		: 7.8 F-01		
		Village- Chhote Bhandar, Post- Bade B		Party Refe	erence No	7 NIL		
		Tehsil- Pussore Dist Raigarh 496100	Chhattisgarh	Report Da	te	: 04/07/2024		
. See Lot	and the second			Period of	Analysis	: 01/07/2024-04	/07/2024	
	le Description	: Water Sample		Receipt D	ate	: 01/07/2024		
	ling Location	: Village - Kathli		Sampling		: 28/06/2024		
	le Collected By	: VTL Team		Sampling		: Grab		
1000	od of sampling	: Suitable Preservation		Sample Q		2 Ltr.		
-	1	: IS :3025		Coordinat	es	; NA		
S.No	 Test Parameters 	Test Method	Resul	ts	Units	IS:105	00-2012	
		Selection of the		_		Acceptable Limit	Permissible Limit	
1	pH (at 25*C)	IS : 3025 (P-11) : 2022	7.67		-	6.5 to 8.5	No Relaxation	
2	Turbidity	IS : 3025: (P-10)2023	*BLQ(**LO	Q-1.0)	NTU	1	5	
3	Total Hardness (as CaCO	3) IS: 3025 (P-21): 2009, RA 2019	180		mg/l	200	600	
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	54 76		mg/l	75	200	
5	Total Alkalinity (as CaCO	3) IS: 3025 (P-23): 2023	169		mg/l	200	600	
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	122		mg/l	250	1000	
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	10,53	3	mg/l	30	100	
8	Total Dissolved Solids	IS :3025 (P-16): 2023	512	× /	mg/l	500	2000	
9	Sulphate (as SO4)	IS: 3025 (P-24): sec1 2022	33.18	3	mg/l	200	400	
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.44		mg/l	1.0	1.5	
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	24.76	5	mg/l	45.0	No Relaxatio	
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.28		mg/l	1.0	No Relaxation	
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOO	2-0.03)	mg/l	0.03	0.2	
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LO	Q-0.2)	mg/l	0.5	2.4	
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	BLQ("LOO	2-0.001)	mg/l	0.001	0.002	
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.40		mg/l	5.0	15.0	
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ("LOO	2-0.02)	mg/l	0.05	1.5	











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rience the unimaginable" Sample Number : VTL/W/02			ULR No Report	1	: TC1122724000001195F : VTL/W/2407010002/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012		
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	~	
22	E.Coli	IS : 15185 : 2016	Absent	per 100 mi	Shall not be detectable in any 100 mi sample	Ĩ	
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA :2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

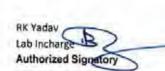
End of Report

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 9929108691, 9810205356, 8005707098, 9549956601

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TEST REPORT



Sampl	e & Address of the Party : M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh ple Description : Water Sample pling Location : Village - Kathli ple Collected By : VTL Team		ede Bhandar, 3100 Chhattisgarh	Report	No eference No Date of Analysis Date ng Date	: VTL/W/24070 : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04 : 01/07/2024 : 28/06/2024 : Grab		
Preservation Method of sampling		: Suitable Preservation : IS :3025		Sample Quantity		: 2 Lir. : NA		
S.No.	Test Parameters	Test Parameters Test Method Re		its	Units	IS:10500-2012		
						Acceptable Limit	Permissible Limit	
1	Colour	IS : 3025:(P-4)2023	"BLQ("LO	Q-5.0)	Hazen	5	15	
2	Odour	IS : 3025 (P-5) 2018	Agreea	ble	-	Agreeable	Agreeable	
3	Taste	IS :3025 (P-8): 2023	Agreea	ble	1.00	Agreeable	Agreeable	
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LOO	2-0.02)	mg/l	0.05	No Relaxation	
5	Mineral Oil	IS 3025 (P-39) 1989	BLQ("LOC	2-0.05)	mg/l	1.0	No Relaxation	
8	Anionic Detergents (as M	BAS) APHA 23rd Edition , 55400 2017	BLQ("LOO	2-0.05)	mg/l	0.2	1.0	
7	Barium as Ba	APHA 23rd Edition,3111E 2017	BLQ(**LOC	2-0.02)	mg/i	0.7	No relaxation	

End of Report

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Lab Incharge	
Authorized Signatory	5



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Vil Te Sample Description : Wa Sampling Location : Ch Sample Collected By : VT Preservation : Su		https://www.standars.com/ arress of the Party : M/s Adami Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Ralgarh 496100 Chhattisgar cription : Water Sample ocation : Chote Bhandar lected By : VTL Team 1 : Suitable Preservation		Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity		: 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 28/06/2024 : Grab : 2 Ltr.	
S.N		Test Method	Resul	Coordin	Units	: NA IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.58	k	-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) 2023	*BLQ(**LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO3)	IS: 3025 (P-21): 2009, RA 2019	219		mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	56.18	3	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	199	LA	mg/i	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	130		mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46); 2023	19.15	5	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16); 2023	532	1	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec1 2022	35 84		mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD 2017	0.47		mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	21.55	i	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 31118,2017	0.35		mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOC	1-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LO	Q-0.2)	mg/l	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLQ(""LOQ	-0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.48		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOG	2-0.02)	mg/l	0.05	1.5











Page No. 1/2

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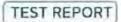
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	he unimaginable" e Number : VTL/W/03	ULR No Report		: TC1122724000001195F : VTL/W/2407010003/A		
S.No.	Test Parameters	st Parameters Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	rng/l	0.01	No Relaxation
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-
22	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0

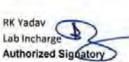
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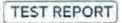
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	ampling Location ample Collected By reservation ethod of sampling .No. Test Paramete Colour Odour	: M/s Adani P Village- Chh Tehsil- Puss	ower Limited ote Bhandar, Post- Bade ore Dist Raigarh 496100	0 Chhattisgarh Report Date		: 04/07/2024		
Sample Description Sampling Location Sample Collected By Preservation Method of sampling		aling Location : Chote Bhandar ble Collected By : VTL Team ervation : Suitable Preservation od of sampling : IS :3025		Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates		: 01/07/2024-04/07/2024 : 01/07/2024 : 28/06/2024 : Grab : 2 Ltr. : NA		
S.No.	Test Parameters		Test Method	Results		Units	IS:10500-2012	
							Acceptable Limit	Permissible Limit
1	Colour	1	S : 3025:(P-4) 2023	*BLQ(**LO	Q-5.0)	Hazen	5	15
2	Odour	15	3025 (P-5) : 2018	Agreea	ble	-	Agreeable	Agreeable
3	Taste	L.	S :3025 (P-8): 2023	Agreea	ble		Agreeable	Agreeable
4	Cyanide (as CN)		APHA 23rd Edition ,4500D,2017	*BLQ(**LOG	Q-0.02)	mg/l	0.05	No Relaxation
5	Mineral Oil	R	S 3025 (P-39) 1989	"BLQ(""LOO	2-0.05)	mg/l	0.5	No Relaxation
6	Anionic Detergents (as M	BAS) APH	A 23rd Edition , 5540C 2017	*BLQ(**LOG	2-0.05)	mg/i	0.2	1.0
7	Barium as Ba	APH	A 23rd Edition,3111B	*BLQ(**LOC	2-0.02)	mg/l	0.7	No relaxation

End of Report

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Lab Incharge	
Authorized Signatory)	

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	KANI			ULR No		: TC112272400	00011075
Samp	the unimaginable" ile Number : VTL/W/04			Report		: VTL/W/24070	
Name	& Address of the Party	: M/s Adani Power Limited		Format		7.8 F-01	10004/A
		Village- Chhote Bhandar, Post- Bade E			eference No	: NIL	
		Tehsil- Pussore Dist - Raigarh 496100	Chhattisgarh	Report		: 04/07/2024	
				1.1.4.1.1.1.	of Analysis	: 01/07/2024-04	4/07/2024
Samp	le Description	: Water Sample		Receipt		: 01/07/2024	UDITE DE 4
Samp	ling Location	: Bade Bhandar		Samplin	ng Date	: 28/06/2024	
	and the second	: VTL Team		Samplin		: Grab	
	and the start being	: Suitable Preservation		Sample	Quantity	: 2 Ltr.	
-		: IS :3025		Coordin	ates	: NA	
S.No	- Test Parameters	Test Method	Resul	Its	Units	IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS : 3025 (P-11) : 2022	7.79			6.5 to 8.5	No Relaxation
2	Turbidity	IS: 3025 (P-10) 2023	'BLQ(**LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO	3) IS: 3025 (P-21): 2009, RA 2019	274		mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	70.18	3	mg/i	75	200
5	Total Alkalinity (as CaCO3	IS: 3025 (P-23): 2023	210	11	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	171		mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	24.03	3	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	580	< (1)	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec1 2022	34.52	2	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition 4500FD :2017	0.56	P	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	22.7		mgA	45.0	No Relaxation
12	Iton (as Fe)	APHA 23rd Edition . 3111B,2017	0.25	1.	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOC	1-0.03)	mg/I	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	"BLQ("LO	Q-0.2)	mg/l	0.5	2.4
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLQ("LOO	-0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition.3030D. 3113 B , 2017	0.44		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOC	2-0.02)	mg/l	0.05	1.5











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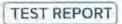
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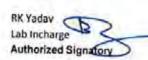
Sample	e unimoginable" e Number : VTL/W/04	ULR No Report		: TC1122724000001197F : VTL/W/2407010004/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0.005)	mg/l	0.01	No Relaxation
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	
	E Coli	IS : 15185 ; 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	"BLQ(""LOQ-0.3)	mg/l	0.5	No Relaxation
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation
26	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
	Faecal Coliform	IS 1622 1981 RA 2019	Absent	MPN/100 ml	-	

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Name & Address of the Party Sample Description Sampling Location Sample Collected By Preservation Method of sampling		Sample Description : Water Sample Sample Collected By : VTL Team Preservation : Suitable Preservation		Bhandar Team ble Preservation		Report I Period o Receipt Samplin Samplin	No aference No Date of Analysis Date ng Date	: VTL/W/24070 ; 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04 : 01/07/2024 : 01/07/2024 : 28/06/2024 : Grab : 2 Ltr.	
S.No.	No in suit and the Pro-			Coordin Its	Units	: NA IS:10500-2012			
							Acceptable Limit	Permissible Limit	
1	Colour		IS : 3025:(P-4)2023	*BLQ(**LC	Q-5.0)	Hazen	5	15	
2	Odour		IS : 3025 (P-5) : 2018	Agreea	ble	-	Agreeable	Agreeable	
3	Taste		IS :3025 (P-8): 2023	Agreea	ble	-	Agreeable	Agreeable	
4	Cyanide (as CN)		APHA 23rd Edition .4500D,2017	BLQ(*LO	Q-0.02)	mg/l	0.05	No Relaxation	
5	Mineral Oil	_	IS 3025 (P-39) 1989	"BLQ("LO	0-0.05)	mg/l	1.0	No Relaxation	
6	Anionic Detergents (as M	BAS)	APHA 23rd Edition , 5540C 2017	*BLQ(**LO	0-0.05)	mg/i	0.2	1.0	
7	Barium as Ba		APHA 23rd Edition,3111B 2017	*BLQ(**LO	Q-0 02)	mg/l	0.7	No relaxation	

End of Report

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1 pH value 2 Turbidity 3 Total Dissolved Solids (1 4 Chloride (as Cl) 5 Sulphate as (SO4) 6 Total Alkalinity (as CaC		: M/s Adani Po Village- Chho	te Bhandar, Post- Bade Bhandar, re Dist Raigarh 496100 Chhattisgarh o	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: VTL/W/24 : 7.8 F-01 : NIL : 04/07/202	4 4-04/07/2024 4
S.No.	Test Param	Contra new	Test Method	Resul	2121	Units
1	pH value	1000	IS: 3025 (P-11): 2022	7.70	() () () () () () () () () ()	
2	Turbidity		IS: 3025 (P-10): 2023	5.8		NTU
3	Total Dissolved Solids (TI	OS)	IS : 3025 (P-16) : 2023	330		mg/l
4	Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019	62.8	5	mg/l
5	Sulphate as (SO4)	-	IS: 3025 (P- 24) : Sec -1 2022	32.54	4	mg/l
6	Total Alkalinity (as CaCO	(3)	IS: 3025 (P- 23) . 2023	112		mg/l
7	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	186		mg/l
8	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	45.18	45.18	
9	Magnesium (as Mg)		IS : 3025 (P- 46) : 1994, RA 2019	17.8	1	mg/l
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.49		mg/l
11	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	21.95	5	mg/l
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	*BLQ(**LOO	2-0.001)	mg/l
13	Fecal Coliform		IS:1622 :2009	21		MPN/100 ml
14	Total Coliform		IS 15185; 2016	Prese	nt	A-P/100 ml
15	Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.31	2	mg/l
16	Zinc (as Zn)	U	APHA 23rd Edition, 3030D,31138 2017	9. 0.52		mg/l
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	*BLQ(**LOO	Q-0.02)	mg/l
18	Manganese (as Mn)		APHA 23rd Edition, 3030D,3113B 2017	B, *BLQ(**LOQ-0.05)		mg/l
19	Arsenic (as As)		APHA 23rd Edition, 3030D,31140 2017	BLQ(**LOC	2-0.005)	mg/l
20	E Coli		IS :15185 : 2016	Prese	nt	P-A/100 ml
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	Q-0.2)	mg/l
22	Selenium (as Se)		APHA 23rd Edition, 3114C, 2017	*BLQ(**LOC	2-0.005)	mg/l









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ULR No. Report No.

: TC1122724000001206F : VTL/W/2407010009/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

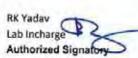
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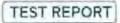
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Name Samp Samp	Imple Description Impling Location Imple Collected By eservation ethod of sampling No. Test Para Colour Odour Taste Residual Free Chlorine Cyanide (as CN) Aluminium (as Al)	me & Address of the Party : M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh mple Description : Water Sample mpling Location : Ash Pond mple Collected By : VTL Team		Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type	: VTL/W/2403 : 7.8 F-01 ! NIL : 04/07/2024 : 01/07/2024 : 01/07/2024 : 28/06/2024 : Grab	
		: Suitable Preser : IS :3025	vation	Sample Quantity Coordinates	2 Ltr.	
S.No.	Test Paran	neters	Test Method	Resu	Its	Units
1	Colour		IS : 3025 (P-4) : 2021	"BLQ("LO	Q-5.0)	Hazen
2	Odour		IS : 3025 (P-5) : 2018	Agreea	ible	
3	Taste		IS : 3025 (P-8) : 2023	Agreea	ible	
4	Residual Free Chlorine (I	RFC)	IS : 3025 (P-26) :2021	*BLQ(**LC	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 2019	BLQ("LO	Q-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LC	Q-0.3)	mg/l
8	Anionic Detergents (MB/	AS)	APHA 23rd ed., 2017, 5530C	*BLQ(**LO	Q 0.05)	mg/l

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TEST REPORT





Sampl Sampl Samp		M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade E Tehsil- Pussore Dist Raigarh 496100 Water Sample		Report I	No. No eference No Date of Analysis	: TC112272400 : VTL/W/24070 : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04 : 01/07/2024	10010/A
	and the second se	Piezometer -2 VTL Team		Samplin Samplin		: 28/06/2024 : Grab	
	2 at 1 at 1 at 1	Suitable Preservation IS :3025		Sample	Quantity	: 2 Ltr.	
S.No.		Test Method	Resu	Coordin	Units	: NA	00-2012
						Acceptable Limit	Permissible
1	pH (at 25"G)	IS : 3025 (P-11) : 2022	8.11		-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) 2023	"BLQ(""LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO3	IS: 3025 (P-21): 2009, RA 2019	364		mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	78 82	2	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	205		mg/l	200	600
6	Chloride (as Ci)	IS: 3025 (P-32): 1988, RA 2019	169.4		mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	40.66	;	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	660		mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec -1 2022	53.62	2	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD 2017	0.27	-	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	30.15	6 × -	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 31118,2017	0.45		mg/)	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55); 2003, RA 2019	BLQ("LOC	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	"BLQ(""LO	Q-0.2)	mg/t	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLO("LOQ	-0.001)	mg/l	0,001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.68		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOC	-0.02)	mg/l	0.05	1.5











Page No. 1/2

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sample	he unimoginable" e Number : VTL/W/13	ULR No Report		: TC1122724000001207F : VTL/W/2407010010/A			
S.No.	Test Parameters	Test Method	Results	Units	IS:105	500-2012	
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	"BLQ(""LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	detec any	Shall not be detectable in any 100 mi sample	-	
22	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	
26	Faecal Coliform	IS :1622 :1981 RA 2019	Absent	MPN/100 ml	1	÷	

End of Report







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Name	e Number : VTL/W/13 & Address of the Party	Villa Tehs	Adani Power Limited ge- Chhote Bhandar, Post- Bade B ill- Pussore Dist Ralgarh 496100		Report I	No eference No	: VTL/W/24070 : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04			
Sampling Location : Pi Sample Collected By : V		: Piez	Piezometer -2		Receipt Date Sampling Date Sampling Type		: 01/07/2024 : 28/06/2024			
Prese		1.1.1	able Preservation			Quantity	: Grab ; 2 Ltr. ; NA			
S.No.	S.No. Test Parameter	D. Test Parameters		Test Parameters Test Method		Results		IS:10500-2012		
							Acceptable Limit	Permissible Limit		
1	Colour		IS: 3025:(P-4)1983, RA 2017	*BLQ(**LO	Q-5.0)	Hazen	5	15		
2	Odour		IS : 3025 (P-5) : 2018	Agreea	ble		Agreeable	Agreeable		
3	Taste		IS :3025 (P-8): 2023	Agreea	ble	-	Agreeable	Agreeable		
4	Cyanide (as CN)		APHA 23rd Edition .4500D,2017	*BLQ(**LO	Q-0.02)	mg/l	0.05	No Relaxation		
5	Mineral Oil	1.1	IS 3025 (P-39) 1989	"BLQ("LO	Q-0.05)	mg/l	0,5	No Relaxation		
8	Anionic Detergents (as M	BAS)	APHA 23rd Edition , 5540C 2017	*BLQ(**LO	Q-0.05)	mg/l	0.2	1.0		
		_								

Barium as Ba

End of Report

APHA 23rd Edition,3111B

2017

*BLQ(**LOQ-0.02)







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0.7

mg/l

No relaxation

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	the unimogloable" le Number : VTL/W/12			ULR No		: TC112272400	
	& Address of the Party	: M/s Adani Power Limited		Report Format		: VTL/W/24070 • 7.8 F-01	10011/A
		Village- Chhote Bhandar, Post- Bade E	Bhandar,	100000	eference No		
		Tehsil- Pussore Dist - Ralgarh 496100	Chhattisgarh	Report	Date	: 04/07/2024	
				Period o	of Analysis	: 01/07/2024-04	4/07/2024
		: Water Sample		Receipt	Date	: 01/07/2024	
		: Piezometer -3		Samplin	-	: 28/06/2024	
	le Collected By	: VTL Team		Samplin		: Grab	
	rvation of of sampling	: Suitable Preservation			Quantity	12 Ltr.	
-		: IS :3025		Coordin	ates	:NA	
S.No.	Test Parameters	Test Method	Resul	ts	Units	IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS: 3025 (P-11): 2022	7.82		-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10) 2023	"BLQ(""LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO	3) IS: 3025 (P-21): 2009, RA 2019	312		mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	73.18	1	mg/l	75	200
5	Total Alkalinity (as CaCO3	i) IS: 3025 (P-23): 2023	201		mg/l	200	600
6	Chionde (as CI)	IS: 3025 (P-32): 1988, RA 2019	149		mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	31.45	i	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	610	6.0	mg/i	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): 1986, Sec1 2022	47.82		mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0,64		mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	29.45	1	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 3111B,2017	0.44	8	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	BLQ(**LOO	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	BLQ("LOO	Q-0.2)	mg/l	0.5	2.4
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	BLQ("LOQ	-0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.63		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B	"BLQ("LOO	-0.02)	mg/l	0.05	1.5











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sample	the unimaginable" a Number : VTL/W/12		ULR No Report	2	: TC1122724000001208F : VTL/W/2407010011/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:105	500-2012	
10					Acceptable Limit	Permissible Limit	
17		2017	1.				
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/I	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample		
22	E.Coli	IS : 15185 ; 2016	Absent	per 100 mi	Shall not be detectable in any 100 ml sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1988, Sec. RA :2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

End of Report

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Sample Number : VTL/W/12 Name & Address of the Party		: M/s Adani Power Limited		Report No. Format No Party Reference No		: VTLW/2407010011/8 ; 7.8 F-01 : NIL			
		Village- Chhote Bhandar, Post- Bade Bhandar,							
		Tehsil- Pussore Dist Ralgarh 496100 Chhattisgarh		Chnattisgam	Report Date		: 04/07/2024		
	and and a	: Water Sample			Period of Analysis Receipt Date		: 01/07/2024-04/07/2024 : 01/07/2024		
	e Description								
Sampl	ing Location	: Piezo	meter -3		Samplin	g Date	: 28/06/2024		
Preservation : S		: VTL Team : Suitable Preservation			Sampling Type Sample Quantity		: Grab : 2 Ltr.		
		S.No.	Test Parameters	s Test Method		Resu	lts	Units	IS:10500-2012
							Acceptable Limit	Permissible Limit	
1	Colour		IS: 3025 (P-4) 2023	*BLQ(**LC	Q-5.0)	Hazen	5	15	
2	Odour		IS : 3025 (P-5) : 2018	Agreea	ible	-	Agreeable	Agreeable	
3	Taste		IS :3025 (P-8): 2023	Agreeable			Agreeable	Agreeable	
4	Cyanide (as CN)		APHA 23rd Edition .4500D,2017	*BLQ(**LO	Q-0.02)	mg/l	0.05	No Relaxation	
5	Mineral Oil	1	IS 3025 (P-39) 1989	*BLQ(**LO	Q-0.05)	mg/l	1.0	No Relaxation	
6	Anionic Detergents (as M	BAS)	APHA 23rd Edition , 5540C 2017	"BLQ(""LO	Q-0.05)	mg/l	0.2	1.0	

Barium as Ba

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*BLQ(**LOQ-0.02)

APHA 23rd Edition.3111B

2017

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0.7

mg/l

No relaxation





Samp Name Samp Samp Samp Prese	e the unimoginable" ole Number : VTLW/11 a & Address of the Party : M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bh Tehsil- Pussore Dist Raigarh 496100 C ole Description : Water Sample pling Location : Piezometer -4 ple Collected By : VTL Team ervation : Suitable Preservation of of sampling			Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity		: TC1122724000001209F : VTL/W/2407010012/A : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 28/06/2024 : 28/06/2024 : Grab : 2 Ltr.		
Method of sampling S.No. Test Parameters				Coordin Results		: NA IS:10500-2012		
						Acceptable	Permissible Limit	
t	pH (at 25*C)	IS : 3025 (P-11) : 2022	7.91	1.1.1		6.5 to 8.5	No Relaxation	
2	Turbidity	IS : 3025: (P-10) 2023	"BLQ("LO	Q-1.0)	NTU	1	5	
3	Total Hardness (as CaCOS) IS: 3025 (P-21): 2009, RA 2019	295		mg/l	200	600	
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	72.26	3	mg/l	75	200	
5	Total Alkalinity (as CaCO3) IS: 3025 (P-23), 2023	182	1	mg/l	200	600	
6	Chloride (as Cl)	IS 3025 (P-32): 1988, RA 2019	166		mg/l	250	1000	
7	Magnesium (as Mg)	IS: 3025 (P-46) 2023	27.87	,	mg/l	30	100	
8	Total Dissolved Solids	IS :3025 (P-16); 2023	620	10 27	mg/I	500	2000	
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec1 2022	42.18	3	mg/l	200	400	
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.66	i .	mg/l	1.0	1.5	
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	27.29)	mg/I	45.0	No Relaxation	
12	Iron (as Fe)	APHA 23rd Edition . 31118,2017	0.54		mg/l	1.0	No Relaxation	
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOO	2-0.03)	mg/l	0.03	0.2	
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	•BLQ(**LO	Q-0 2)	mg/l	0.5	2.4	
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	*BLQ(**LOQ-0.001)		mg/l	0.001	0.002	
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.69		mg/l	5.0	15.0	
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ(""LOO	2-0.02)	mg/l	0.05	1.5	











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erience the unimoginable Sample Number : VTL/W/11			ULR No Report		5 TC1122724000001209F 5 VTL/W/2407010012/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012		
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	Coliform IS: 15185: 2016 Absent		per 100 ml	Shali not be detectable in any 100 ml sample	-	
22	E Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	*BLQ(**LOQ-0.3)	Ngm	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

""End of Report""

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TEST REPORT



Name & Address of the Party Sample Description Sampling Location Sample Collected By Preservation Method of sampling		Village- Chhote Bhandar. Post- Bade Bha Tehsil- Pussore Dist - Raigarh 496100 Ch : Water Sample : Piezometer -4 : VTL Team : Suitable Preservation		Bhandar, 9 Chhattisgarh	garh Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity		: VTL/W/2407010012/B ; 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 28/06/2024 : 28/06/2024 : Grab : 2 Ltr.	
S.No.			Test Method	Resul	Coordin	Units	: NA IS:105	00-2012
							Acceptable Limit	Permissible
1	Coloui	IS :	3025:(P-4) 2023	"BLQ(""LO	Q-5.0)	Hazen	5	15
2	Odour	IS:	3025 (P-5) : 2018	Agreeat	ble		Agreeable	Agreeable
3	Taste	IS :	3025 (P-8): 2023	Agreeat	ole	-	Agreeable	Agreeable
4	Cyanide (as CN)	AP	HA 23rd Edition ,4500D,2017	*BLQ(**LOC	2-0.02)	mg/l	0.05	No Relaxation
5	Mineral Oil	IS :	025 (P-39) 1989	"BLQ("LOO	-0.05)	mg/l	1.0	No Relaxation
6	Anionic Detergents (as Mi	BAS) APHA	23rd Edition , 5540C 2017	*BLQ(**LOC	0-0.05)	mg/l	0.2	1.0
7	Barium as Ba	APHA	23rd Edition,3111B 2017	*BLQ(**LOO	-0.02)	mg/l	0.7	No relaxation

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report





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Page No. 1/1

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Name & Address of the Party Sample Description Sampling Location Sample Collected By Preservation Method of sampling		: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh : SURFACE WATER : Mahanadi Up Stream : VTL Team : Suitable Preservation : IS :3025		Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: VTL/W/2407010013/A : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 29/06/2024 : 29/06/2024 : Grab : 2 Ltr. : NA	
S.N	o. Test Param	eters	Test Method	Resul	Its	Unit
1	pH value		IS: 3025 (P-11) 2022	7.45		
2	Turbidity		IS : 3025 (P- 10) : 2023	4.6		NTU
3	Total Dissolved Solids (TI	DS)	IS: 3025 (P-16): 2023	415		mg/l
4	Chloride (as Cl)		IS: 3025 (P-32): 1988, RA 2019	73.8		mg/l
5	Sulphate as (SO4)		IS: 3025 (P- 24) - Sec1 2022	34.16	1	mg/l
5	Total Alkalinity (as CaCO3)		IS: 3025 (P- 23) : 2023	147		mg/l
t	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	183		mg/l
3	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	40.28		mg/l
3	Magnesium (as Mg)		IS : 3025 (P- 46) ; 2023	20.05	1	mg/l
Ó	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.68	1	mg/l
1	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	25.7	0	mg/l
2	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	*BLQ(**LOQ-0.001)		mg/l
3	Fecal Coliform		IS:1622:2009	23	23	
4	Total Coliform		IS 15185; 2016	Present		A-P/100ml
5	Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.47		mg/l
6	Zinc (as Zn)		APHA 23rd Edition, 3030D,3113B, 2017	0.65		mg/l
7	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	"BLQ("LOG	-0.02)	mg/l
8	Manganese (as Mn)		APHA 23rd Edition, 3030D,3113B, 2017	*BLQ(**LOG	-0.05)	mg/l
9	Arsenic (as As)		APHA 23rd Edition, 3030D,3114C, 2017	BLQ(**LOQ	-0.005)	mg/l
0	E Coll		IS :15185 ; 2015	Present		P-A/100 ML
1	Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ("LOO	2-0.2)	mg/l
2	Selenium (as Se)		APHA 23rd Edition, 3114C, 2017	"BLQ(**LOQ-0.005)		mg/l











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TEST REPORT



ULR No. Report No. : TC1122724000001210F : VTL/W/2407010013/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

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Name Samp Samp Samp	e Number : VTL/SW/0 & Address of the Party le Description ling Location le Collected By rvation	; M/s Adani Powe Village- Chhote	Bhandar, Post- Bade Bhandar. Dist Raigarh 496100 Chhattisgarh ER ream	Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity	: VTL/W/240 ; 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024 : 01/07/2024 : 29/06/2024 : Grab : 2 Ltr.	
-	od of sampling	: IS :3025		Coordinates	:NA	
S.No.	reathan	eters	Test Method	Resul	Its	Unit
1	Colour		IS: 3025 (P-4): 2021	*BLQ(**LO	Q-5.0)	Hazen
2	Odour		IS: 3025 (P-5): 2018	Agreea	ble	
3	Taste		IS: 3025 (P-8): 2023	Agreea	ble	-
4	Residual Free Chlorine (R	(FC)	IS : 3025 (P-26) :2021	*BLQ(**LO		mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017			mg/l
6	Aluminium (as Al)		IS: 3025 (P-55) 2003, RA 2019	the second se	and the second s	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20			mg/l
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	*BLQ(**LOC		mg/l
_						mga

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report







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Lab Incharge	
Authorized Signatory	5

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Samp Samp Samp Prese	e Number : VTL/SW/03 & Address of the Party le Description ling Location le Collected By rvation ed of sampling	: M/s Adani F Village- Chi	own Stream	Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: 04/07/202	4 4-04/07/2024 4
S.No.	Test Param	eters	Test Method	Resu	its	Unit
1	pH value		IS : 3025 (P-11) 2022	7.74		
1	Turbidity		IS : 3025 (P- 10) 2023	7.1		NTU
	Total Dissolved Solids (TO	DS)	IS : 3025 (P-16) : 2023	570)	mg/l
	Chloride (as Cl)		IS: 3025 (P-32) 1988, RA 2019	81,6	2	mg/l
	Sulphate as (SO4)		IS: 3025 (P- 24) : Sec1 2022	46.2	2	mg/l
1	Total Alkalinity (as CaCO	3)	IS: 3025 (P-23) 2023	173		mg/l
	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	205		mg/l
	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	46.9	2	mg/L
)	Magnesium (as Mg)		IS : 3025 (P- 46) : 2023	21.3	6	mg/l
0	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.75	5	mg/l
1	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	34.8	2	mg/l
2	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	*BLQ(**LOO	Q-0.001)	mg/l
3	Fecal Coliform		IS:1622 :2009	29.0)	MPN/100ml
4	Total Coliform		IS 15185: 2016	Prese	ent	A-P/100ml
5	Iron (as Fe)	- 1	APHA 23rd Edition,3111B, 2017	0.55	5	mg/l
6	Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	3. 0,73	3	mg/l
7	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	*BLQ(**LO	Q-0.02)	mg/l
8	Manganese (as Mn)		APHA 23rd Edition, 3030D,31138 2017	8, *BLQ(**LO	*BLQ(**LOQ-0.05)	
9	Arsenic (as As)		APHA 23rd Edition, 3030D,31140 2017	C, "BLQ("LOO	Q-0.005)	mg/l
Ø	E Coli		IS 15185 2016	Present		P-A/100 ML
!1	Boron (as B)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LC	Q-0.2)	mg/l
22	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	"BLQ("LO	Q-0.005)	mg/l











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ULR No. Report No. : TC1122724000001211F : VTL/W/2407010014/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

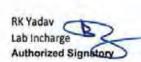
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Samp	le Number : VTL/SW/0	2		Report No.	: VTL/W/2407	010014/B
V		M/s Adani Power Limited		Format No	: 7.8 F-01	
			Bhandar, Post- Bade Bhandar,	Party Reference No	: NIL	
		Tensil- Pusson	e Dist Raigarh 496100 Chhattisgarh	Report Date	: 04/07/2024	
				Period of Analysis	: 01/07/2024-0	04/07/2024
		: SURFACE WA	TER	Receipt Date	: 01/07/2024	
		: Mahanadi Dow	Mahanadi Down Stream Sampling VTL Team Sampling		: 29/06/2024	
		: VTL Team			: Grab	
Prese	rvation	: Suitable Prese	rvation	Sample Quantity	: 2 Ltr.	
Metho	od of sampling	: IS :3025		Coordinates	:NA	
S.No.	Test Param	eters	Test Method	Resu	lts	Unit
1	Colour		IS: 3025 (P-4): 2021	*BLQ(**LC	Q-5.0)	Hazen
2	Odour		IS : 3025 (P-5) : 2018	Agreea	able	
3	Taste		IS : 3025 (P-8) : 2023	Agreea	able	-
4	Residual Free Chlorine (I	RFC)	IS : 3025 (P-26) :2021	*BLQ(**LC	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 201	BLQ(**LO	Q-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	019 *BLQ(**LOQ-0.3)		mg/l
8	Anionic Detergents (MB	AS)	APHA 23rd ed., 2017, 5530C	"BLQ(""LO	Q 0.05)	mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report

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Sampi Name Samp Samp Prese	he unimaginable" le Number : VTL/SW/0 & Address of the Party le Description ling Location le Collected By rvation	: M/s Adam Po Village- Chhi Tehsil- Puss : SURFACE V : Mand River I : VTL Team : Suitable Pres	ote Bhandar, Post- Bade Bhandar, ore Dist Raigarh 496100 Chhattisgarh VATER Down Stream	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity	: VTL/W/244 : 7.8 F-01 : NIL : 04/07/2024 : 01/07/2024 : 01/07/2024 : 01/07/2024 : 29/06/2024 : Grab : 2 Ltr.	4 4-04/07/2024 4
Metho S.No.	d of sampling Test Param	: 18 .3025	Test Method	Coordinates	: NA	Unit
1	pH value	etera	IS 3025 (P-11) 2022	7.8		Unit
2	Turbidity		IS : 3025 (P-10) : 2023	6.1	_	NTU
3	Total Dissolved Solids (TI	DS)	IS : 3025 (P-16) : 2023	450		mg/I
	Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019		-	mg/I
5	Sulphate as (SO4)	-	IS: 3025 (P- 24) ; Sec1 2022	41.8		mg/l
3	Total Alkalinity (as CaCC	03)	IS 3025 (P-23) : 2023	143	2	mg/l
7	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	223	3	mg/l
3	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	58.6	58.68	
9	Magnesium (as Mg)		IS: 3025 (P- 46) : 2023	18.6	51	mg/l
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.9	3	mg/l
11	Nitrate (as NO3)		IS: 3025 (P- 34) . 1988 RA 2022	37.8	38	mg/l
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	BLQ(**LO	Q-0.001)	mg/l
13	Fecal Coliform		IS:1622 :2009	34		MPN/100m
14	Total Coliform		IS 15185; 2016	Prese	ent	A-P/100ml
5	Iron (as Fe)		APHA 23rd Edition,3111B; 2017	0.5	6	mg/l
16	Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	3, 0.7	8	mg/l
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	BLQ(**LC	Q-0.02)	mġ/l
18	Manganese (as Mn)		APHA 23rd Edition, 3030D,31138 2017	8, *8LQ(**LC	0Q-0.05)	mg/l
19	Arsenic (as As)		APHA 23rd Edition, 3030D,31140 2017	C, *BLQ(**LO	Q-0.005)	mg/l
20	E Coli		IS :15185 : 2016	Prese	ent	P-A/100 ml
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	BLQ(**LC	DQ-0.2)	mg/l
22	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	"BLQ(""LO	Q-0.005)	mg/l











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Sample Number : VTL/SW/04

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

ULR No. Report No. : TC1122724000001212F : VTL/W/2407010015/A

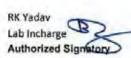
End of Report













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Sampl	le Number : VTL/SW/0	14		Report No.	: VTL/W/2407	010015/B
Name	& Address of the Party	: M/s Adani Pow	ar Limited	Format No	: 7.8 F-01	
		Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No	: NIL	
		Tehsil- Pussore	Dist Raigarh 496100 Chhattisgarh	Report Date	: 04/07/2024	
				Period of Analysis	: 01/07/2024-04/07/2024	
		: SURFACE WA	TER	Receipt Date	: 01/07/2024 : 29/06/2024	
		: Mand River Do	wn Stream	Sampling Date		
Samp	le Collected By	: VTL Team		Sampling Type	Grab	
Prese	rvation	: Suitable Preser	vation	Sample Quantity	: 2 Ltr.	
Metho	od of sampling	: 15 :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resu	Its	Unit
1	Colour		IS: 3025 (P-4): 2021	"BLQ(""LC	Q-5.0)	Hazen
2	Odour		IS: 3025 (P-5): 2018	Agreea	able	
3	Taste		IS : 3025 (P-8) : 2023	Agreea	able	÷
4	Residual Free Chlorine (F	RFC)	IS : 3025 (P-26) :2021	*BLQ(**LC	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 (P-55) 2003, RA 2019	BLQ(**LO	Q-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LC	Q-0.3)	mg/l
8	Anionic Detergents (MB/		APHA 23rd ed., 2017, 5530C	*BLQ(**LO	0 0 0 m	mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report







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Lab Incharge
Authorized Signatory

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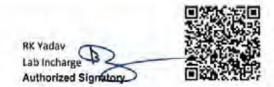


Sampl Sampl Sampl Sampl Sampl Prese	e Number : VTL/SW/0 & Address of the Party & Description ling Location le Collected By rvation d of sampling	; M/s Adani F Village- Chi	Up Stream	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: VTL/W/24 : 7.8 F-01 : NIL : 04/07/2024	4 4-04/07/2024 4
S.No.	Test Param	eters	Test Method	Resu	Its	Unit
1	pH value		IS 3025 (P-11) 2022	7.75	1	-
2	Turbidity		IS: 3025 (P- 10): 2023	3.8		NTU
	Total Dissolved Solids (Ti	DS)	IS : 3025 (P-16) : 2023	330	L	mg/l
	Chloride (as CI)		IS: 3025 (P-32) : 1988, RA 2019	52.1	52.18	
;	Sulphate as (SO4)		IS: 3025 (P-24) : Sec1 2022	28.4	2	mg/l
	Total Alkalinity (as CaCO	3)	IS: 3025 (P-23) : 2023	96		mg/l
1	Total Hardness (CaCO3)	() () () () () () () () () ()	IS: 3025 (P- 21) 2009, RA 2019	152	152	
1	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	47.7	6	mg/l
1	Magnesium (as Mg)		18: 3025 (P- 46) : 2023	7.98	3	mg/l
0	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.44		mg/l
1	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	23.9	6	mg/l
2	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	"BLQ(""LO	2-0.001)	mg/l
3	Fecal Coliform		IS:1622 :2009	18		MPN/100ml
4	Total Coliform		IS 15185; 2016	Prese	int	A-P/100ml
5	Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.31	Li.	mg/l
6	Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	3, 0.44		mg/l
7	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	*BLQ(**LO	Q-0.02)	mg/l
8	Manganese (as Mn)		APHA 23rd Edition, 3030D,31138 2017	BLQ(**LO	BLQ(**LOQ-0.05)	
9	Arsenic (as As)		APHA 23rd Edition, 3030D,31140 2017	C, "BLQ("LOO	2-0.005)	ng/l
20	E Coli		IS :15185 : 2016	Prese	ent	P-A/100 ml
1	Boron (as B)		APHA 23rd Edition, 4500D, 2017	BLQ("LC	Q-0.2)	mg/l
22	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	"BLQ("LOO	2-0.005)	mg/l









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ULR No. Report No. : TC1122724000001213F : VTL/W/2407010016/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

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Samp	le Number : VTL/SW/0	3		Report No.	: VTL/W/240	7010016/B
Name & Address of the Party Sample Description Sampling Location		: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh : SURFACE WATER : Mand River Up Stream		Format No Party Reference No	Canadana	
				Report Date Period of Analysis Receipt Date Sampling Date	: 04/07/2024 : 01/07/2024-04/07/2024 : 01/07/2024 : 29/06/2024	
Prese	le Collected By rvation od of sampling	: VTL Team : Suitable Present : IS :3025	vation	Sampling Type Sample Quantity Coordinates	i Grab i 2 Ltr. i NA	
S.No.	Test Param	eters	Test Method	Resul	Its	Unit
1	Colour		IS: 3025 (P-4): 2021	*BLQ(**LO	*BLQ(**LOQ-5.0)	
2	Odour		IS: 3025 (P-5) . 2018	Agreea	Agreeable	
3	Taste		IS : 3025 (P-8) :	Agreea	Agreeable	
4	Residual Free Chlorine (F	RFC)	IS : 3025 (P-26) :2021	"BLQ("LO	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LOO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS: 3025: (P-55) 2003, RA 2019	BLQ(**LOG	2-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 "BLQ(""LO	"BLQ(""LOQ-0.3)	
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	"BLQ(""LOQ 0.05)		mg/l mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

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Lab Incharge
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VTI /AA/DA



VILAAVO	1			
Name & Address of the Party	: M/s Adani Power Lim Village- Chhote Bhan	nited Idar, Post- Bade Bhandar, - Raigarh 496100 Chhattisgarh	Period of Analysis	: 01/08/2024 : 25/07/2024-01/08/2024
Sample Description General Information Sampling Location Sample Collected By Sampling Equipment Instrument Code Coordinates Meteorological conditi Date of Monitoring Time of Monitoring Ambient Temperature Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	used Ion during monitoring	ITY MONITORING : Bade Bhandar : VTL Team : RDS/FPS : VTL/RDS/FPS/03 : 21*44*21* & 83*17*21* : Clear Sky : 19/07/2024 To 20/07/202 : 11:00 TO 11:00 Hrs. : Min. 28*C Max. 33*C : Human, Vehicular & Plant : Regulatory Requirment : IS :5182 : 24 Hrs.		: 25/07/2024

S.No.	Parameters	- As per work order	-		
4		Test Method	Results	Units	MALOR
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	10.00		NAAQS 2009
2	Particulate Matter (as PM2.5)		56.28	hð\us	100
-	Nitrogen Dioxide (as NO2)	IS:5182 (P- 24)-2019	23.95	µg/m³	60
_		IS:5182 (P-6)-2006, RA 2018	11.57	Links 1	
	Sulphur Dioxide (as SO2)	Dioxide (as SO2) IS:5182 (P-2)-2001, RA. 2018		µg/m³	80
BLQ-B	elow Limit Of Quantification 1100	1 - 2/2001, POA. 2018	5.73	µg/m³	80

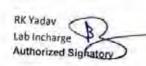
LOQ-Limit Of Quantification

End of Report











Page No. 1/1

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Name & Address of the Party	: M/s Adani Power Limite Village- Chhote Bhanda Tehsil- Pussore Dist - R		Report No. Format No Party Reference No Report Date Period of Analysis	: VTL/A/2407250001/B : 7.8 F-02 : NIL : 01/08/2024 : 25/07/2024-01/08/2024
Sample Description General Information	: AMBIENT AIR QUALITY	MONITORING	Receipt Date	: 25/07/2024
Sampling Location Sample Collected By Sampling Equipment Instrument Code Coordinates	used ion during monitoring	 Bade Bhandar VTL Team RDS/FPS VTL/RDS/FPS/03 21*44'21* & 83*17'21* Clear Sky 19/07/2024 To 20/07/2024 11:00 TO 11:00 Hrs. Min 28*C Max. 33*C Human, Vehicular & Plant Regulatory Requirment IS :5182 24 Hrs. 		

S.No.	Parameters	As ber work order			
1		Test Method	Results	Units	NAAQS 2009
-	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.38	mg/m³	110003 2009
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd			4
BIO	alow I imit Of Outpatterning th	ed., 1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m³	

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nor work and ...

BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report







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Report No. Name & Address of the Party : M/s Adani Power Limited : VTL/A/2407250002/A Format No : 7 8 F-02 Village- Chhote Bhandar, Post- Bade Bhandar, Party Reference No Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh : NIL Report Date : 01/08/2024 Period of Analysis : 25/07/2024-01/08/2024 25/07/2024

Samp	e Description : AMBIENT AIR OUAL	-	Receipt Date	: 2
	AMBIENT AIR QUALI General Information:- Sampling Location Sample Collected By Sampling Equipment used Instrument Code Coordinates Meteorological condition during monitoring Date of Monitoring Time of Monitoring Ambient Temperature (*C) Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required		MONITORING Chote Bhandar VTL Team RDS/FPS VTL/RDS/FPS/05 21*43'57" & 83*17'00" Clear Sky 19/07/2024 To 20/07/2024 12:00 TO 12:00 Hrs. Min. 28*C Max. 33*C Human, Vehicular & Plant Act. Regulatory Requirment IS :5182 24 Hrs. As per work order	
SNo		-	Contraction of the second second	

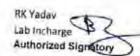
S.No.	Parameters	Test Method	T	1	
1	Particulate Matter (as PM10)		Results	Units	NAAQS 2009
		IS:5182 (P- 23)-2006, RA. 2017	61.74	µg/mª	100
_	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	25.62		
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018		µg/m³	60
1	Sulphur Dioxide (as SO2)		12.47	µg/m³	80
	elow Limit Of Quantification, **LOQ-	IS:5182 (P- 2)-2001, RA. 2018	6.59	µg/mª	80

""End of Report""











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: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date Period of Analysis	: VTL/A/2407250002/B ; 7.8 F-02 : NIL : 01/08/2024 : 25/07/2024-01/08/2024
AMBIENT AIR QUALITY MONITORING	Receipt Date	: 25/07/2024

Sample Description : AMBIENT AND	R QUALITY MONITORING Receipt Dat
General Information:- Sampling Location Sample Collected By Sampling Equipment used Instrument Code Coordinates Meteorological condition during moni Date of Monitoring Time of Monitoring Ambient Temperature (°C) Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	Chote Bhandar VTL Team RDS/FPS VTL/RDS/FPS/05

Deculto		
Results	Units	NAAQS 2009
0.43	mg/m*	4
BLQ ("LOQ	µg/m*	1 - A -
8		0.43 mg/m³ LQ (**LOQ µg/m³

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periesample Number:	VTL/AA/07			
Name & Address of	the Party : M/s Adam Power Limit Village- Chhote Bhand Tehsil- Pussore Dist I	ar, Post- Bade Bhandar, Raigarh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date	: 01/08/2024 : 25/07/2024-01/08/2024
Sampling Lo Sample Coll Sampling Ed Instrument (Coordinates Meteorologie Date of Moni Time of Moni	lected By quipment used Code cal condition during monitoring itoring itoring sperature ("C) Activity nitoring impling ration	Y MONITORING : Village Kathli : VTL Team : RDS/FPS : VTL/RDS/FPS/04 : 21*43'28" & 83*16'26" : Clear Sky : 19/07/2024 To 20/07/202 : 11:30 TO 11:30 Hrs. : Min. 28*C Max. 33*C : Human, Vehicular & Othl : Regulatory Requirment : IS :5182 : 24 Hrs. : As per work order	24	: 25/07/2024

S.No.	Parameters	Test Method	T		-
t	Particulate Matter (as PM10)		Results	Units	NAAQS 2009
		IS:5182 (P- 23)-2006, RA. 2017	57.26	µg/m³	
2	Particulate Matter (as PM2.5)	IS:5182 (P-24)-2019		hðun.	100
3	Nitrogen Dioxide (as NO2)		24.72	µg/m*	60
_		IS:5182 (P- 6)-2006, RA.2018	16,14	µg/mª	80
	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	0.40		00
BLQ-E	elow Limit Of Ougntification *** 00	IL SALA	B.16	µg/m²	80

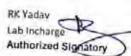
BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Surrounding Activity

Scope of Monitoring

Method of Sampling

Sampling Duration

VILAA/07			Contraction of the second s	
Name & Address of the Party	: M/s Adani Power Lim Village- Chhote Bhand Tehsil- Pussore Dist	ited dar, Post- Bade Bhandar, Raigarh 496100 Chhattisgarh	Period of Analysis	: VTL/A/2407250006/B ; 7.8 F-02 : NIL : 01/08/2024 : 25/07/2024-01/08/2024
Sample Description	: AMBIENT AIR QUALI	TY MONITORING	Receipt Date	: 25/07/2024
General Information Sampling Location Sample Collected By Sampling Equipment of Instrument Code Coordinates Meteorological condition Date of Monitoring Time of Monitoring Ambient Temperature (ased on during monitoring	 Village Kathli VTL Team RDS/FPS VTL/RDS/FPS/04 21*43'28" & 83*16'28" Clear Sky 19/07/2024 To 20/07/202 11:30 TO 11:30 Hrs. Min 28°C Max 33*C 	14	

Parameter Required	24 Hrs.			
Parameters		Destill	-	
Carbon Monoxide (as CO)				NAAQS 2009
Mercury (as Hg)			mg/m³	4
	ed., 1988, Method No 317		µg/m*	-
	Parameters Carbon Monoxide (as CO) Mercury (as Hg)	Parameter Required As per work order Parameters Test Method Carbon Monoxide (as CO) Lab SOP no. VTL/STP/02:2022, STP-08 Mercury (as Hg) Methods of air sampling and analysis,3rd ed.,1988. Method No 317	Parameter Required ; As per work order Parameters Test Method Results Carbon Monoxide (as CO) Lab SOP no. VTL/STP/02:2022, STP-08 0.55 Mercury (as Hg) Methods of air sampling and analysis,3rd *BLQ (**LOQ	Parameter Required ; As per work order Parameters Test Method Results Units Carbon Monoxide (as CO) Lab SOP no. VTL/STP/02:2022, STP-08 0.55 mg/m³ Mercury (as Hg) Methods of air sampling and analysis,3rd ed, 1988, Method No 317 *BLQ (**LOQ µg/m³

IS:5182

: Min. 28°C Max. 33°C

:

:

: Human, Vehicular & Other Act.

Regulatory Requirment

End of Report









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	Aple Number: VTL/AA/0		Designer		
	ne & Address of the Party ople Description General Information Sampling Location Sample Collected By Sampling Equipment	: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh : AMBIENT AIR QUALITY MONITORING n:- : Village- Amil Bhavan : VTL Team	Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date	: VTL/A/2407 : 7.8 F-02 : NIL : 01/08/2024 : 25/07/2024 : 25/07/2024	
2 11-2	Instrument Code Coordinates Meteorological condit/ Date of Monitoring Time of Monitoring Ambient Temperature (Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	ion during monitoring Clear Sky 21/20/07/2024 To 21/07/20			
S.No.	, enantieners	Test Method	Results	nits N	
-	Particulate Matter (as PM10	1 20/2000, NA 2017			AAQS 2009
2	Particulate Matter (as PM2.)	5) IS:5182 (P- 24)-2019	P. 10	g/m³	100
3	Nitrogen Dioxide (as NO2)	IS:5182 (P-6)-2006, RA.2018	20.44	g/m³	60
4	Sulahus Mauld 1	1 1 1000,101.2010	12.93 µC	rm ³	90

IS:5182 (P-2)-2001, RA. 2018 *BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

Sulphur Dioxide (as SO2)

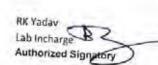
End of Report



4







6.99

µg/m³

µg/m³



Page No. 1/1

80

80

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M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsii- Pussore Dist - Ralgarh 496100 Chhattisgarh	report wate	: VTL/A/2407250007/B : 7.8 F-02 : NIL : 01/08/2024
AMBIENT AIR QUALITY MONITORING	Period of Analysis Receipt Date	: 25/07/2024-01/08/2024 : 25/07/2024

Sampling Duration : IS :5182 Parameter Required : As per work order	Sampling Location : Village- Amili Bhavan Sample Collected By : VTL Team Sampling Equipment used : RDS/FPS Instrument Code : VTL/RDS/FPS/01 Coordinates : 21"43'33" & 83" 16'6" Meteorological condition during monitoring : Clear Sky Date of Monitoring : 20/07/2024 To 21/07/2024 Time of Monitoring : 10:10 TO 10:10 Hrs. Ambient Temperature ("C) : Min. 28"C Max. 33"C Surrounding Activity : Human, Vehicular & Other Act. Scope of Monitoring : Regulatory Requirment Method of Sampling : 10:10 regulares		
--	--	--	--

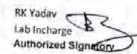
S.No.	Parameters	Test Method			
1	Carbon Monoxide (as CO)		Results	Units	NAAQS 2009
-		Lab SOP no. VTL/STP/02:2022, STP-08	0.44	mg/m³	
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd	1010 /101 00		.4
BLQ-Below Limit Of Quantification, **LOQ-		ed ,1988, Method No 317	*BLQ (**LOQ 0.5)	µg/m³	~

End of Report









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	ple Number: VTL/AA/12					
	e & Address of the Party	: M/s Adani Power Limited Village- Chhote Bhandar, P. Tehsil- Pussore Dist - Raiga	ost- Bade Bhandar, irh 495100 Chhattisgarh	Report No. Format No Party Reference No Report Date Period of Analysis	: 7.8 F-02 : NIL : 01/08/20	
	ple Description General Information Sampling Location Sample Collected By Sampling Equipment of Instrument Code Coordinates Meteorological condition Date of Monitoring Time of Monitoring Ambient Temperature (Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	rsed on during monitoring "C)	DNITORING Switch Yard VTL Team RDS/FPS VTL/RDS/FPS/02 - Clear Sky 21/07/2024 To 22/07/202 11:00 TO 11:00 Hrs. Min. 28°C Max. 33°C Human. Vehicular & Plan Regulatory Requirment S :5182 24 Hrs. As per work order		: 25/07/20	124
S.No.	- anometero	Test	Method	Results L	Inits	NAAQS 20
1	Particulate Matter (as PM10		-2006, RA. 2017	64.00	ig/m³	
2	Particulate Matter (as PM2.)	5) (5:5100.0		P	Aug.	100

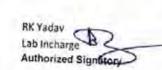
	Particulate Matter (as PM10)	rest method	Results	Units	NAAQS 2009
-		IS:5182 (P- 23)-2006, RA. 2017	64,28	µg/m³	100
-	Particulate Matter (as PM2,5)	IS:5182 (P-24)-2019	29.16		
	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018		hð\w ₃	60
	Sulphur Dioxide (as SO2)		20.42	µg/m³	80
-	Below Limit Of Quantification, **LOQ-	IS:5182 (P- 2)-2001, RA. 2018	11.60	hð/ш _s	80

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Sampl	e Description : / General Information:- Sampling Location Sample Collected By Sampling Equipment use Instrument Code Coordinates Meteorological condition Date of Monitoring Time of Monitoring Ambient Temperature (*C) Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	during monitoring : Clear S : 21/07/2 : 11:00 T : Min. 28 : Human, : Regulat : IS :5182 : 24 Hrs. : As per v	ING Yard am PS S/FPS/02 ty 224 To 22/07/2024 D 11:00 Hrs. C Max. 33°C Vehicular & Plant Ad My Requirment	eriod of Analysis aceipt Date	25/07/26	024-01/08/2024 024
1 0	Carbon Monoxide (as CO)	Test Metho		Results U	nits	NAAQS 2009

	the second se
mg/m ²	4
ew/gu QI	-
	-

End of Report







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Sample Number : VTL/AN/0	2		a hun	
Name & Address of the Party	: M/s Adani Power Limi Village- Chhote Bhanc	ted far, Post- Bade Bhandar, Raigarh 496100 Cnhattisgarh	Report No. Format No Party Reference No	: VTL/N/2407250001/A : 7.8 F-04 : NIL
Sample Description Scope of Monitoring Protocol Used Instrument Used	2 Ambient Noise Level 2 Regulatory Requirmen 3 IS 9989 3 SLM	Monitoring	Report Date Receipt Date Sampling Duration Sample Collected Instrument	: 01/08/2024 : 25/07/2024 : 24 Hrs. : VTL Team - Calibrated
General Information Sampling Location Instrument Code Meteorological condition Date of Monitoring Time of Monitoring Ambient Temperature Surrounding Activity Parameter Required Coordinates	ion during monitoring	 Chote Bhandar VTL/SLM/01 Clear Sky 20/07/2024 To 21/07/20 06:00 TO 06:00 Hrs. 06:00 TO 06:00 Hrs. Min. 28°C Max. 33°C Human, Vehlcular & Plait As per work order NA 		

: NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
1 Leg			Day Time	Night Time
Leu		IS 9989 - 1981 RA:2020	56.2	
	Ambiant Males Quality Front			43.5

Area Code	Category of Area/Zone		n dB(A) Leg*
A	1.00.000	Day Time	Night Time
B	Industrial area	75	70
C	Commercial area	65	55
0	Residential area	55	
ay Time is from 6.00 AM to 10 on PM	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

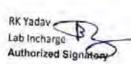
Night Time is reckoned between 10.00 PM to 6.00 AM.
 Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

Diese zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply "End of Report""











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Sample Description Scope of Monitoring Protocol Used Instrument Used General Informatio	: M/s Adani Power Limit Village- Chhote Bhand Tehsil- Pussore Dist- F : Ambient Noise Level I : Regulatory Requirment : IS 9989 : SLM	ar, Post- Bade Bhandar. Raigarh 496100 Chhattisgarh Monitoring	Report No. Format No Party Reference No Report Date Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: VTL/N/2407250002/A : 7.8 F-04 : NIL : 01/08/2024 : 25/07/2024 : 24 Hrs. : VTL Team : Calibrated
Sampling Location Instrument Code	ion during monitoring	 Bade Bhandar VTL/SLM/03 Clear Sky 19/07/2024 To 20/07/202 06:00 TO 06:00 Hrs. Min. 28°C Max. 33°C Human, Vehicular & Plar As per work order NA 		

S.No.	Test Parameters	Protocol	Test Result dB(A)		
1 Leg			Day Time	Night Time	
1 Lod	Amblant Males Quality St.	IS 9989 - 1981 RA:2020	54.2	42.8	

Area Code	nt Noise Quality Standards as per Noise Pollution (Regula Category of Area/Zone		n dB(A) Leg*
A	1.2.11	Day Time	Night Time
9	Industrial area	75	20
6	Commercial area	65	10
	Residential area	55	33
Day Time is from 6.00 ANA as to on m	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

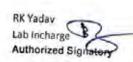
 Night Time is reckoned between 10.00 PM to 6.00 AM.
 Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

"End of Report""











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S.No.	Test Paran	neters	Protocol		Test Result dB(A)
Scope of Protoco	ent Used General Information Sampling Location Instrument Code	: Ambient Noise Level : Regulatory Requirmer : IS 9989 : SLM n:-	Raigarh 496100 Chhattisgarh Monitoring t Village- Amli Bhavan VTL/SLM/02 Clear Sky 20/07/2024 To 21/07/202 Clear Sky 20/07/2024 To 21/07/202 Min. 28°C Max. 33°C Human, Vehicular & Othe As per work order NA		: 01/08/2024 : 25/07/2024 : 24 Hrs. : VTL Team : Calibrated
	Address of the Party	: M/s Adani Power Lim Village- Chhote Bhan	dar, Post- Bade Bhandar	Report No. Format No Party Reference No	: VTL/N/2407250003/A : 7.8 F-04 : NIL

			iest Re	sult dB(A)
1 1			Day Time	Night Time
		IS 9989 - 1981 RA:2020	52.1	41.3
	Ambient Noise Qualit	y Standards as per Noise Pollution (Regulation and Cont	col) Ruler 2000	41.5
Area Co	de		1017 Nules, 2000	

Area Code	Category of Area/Zone	Limits in dB(A) Leg*		
A	11.12	Day Time	Night Time	
8	Industrial area	75	70	
c	Commercial area Residential area	65	55	
D	Silence Zone	55	45	
Time is from C an Area .		50	40	

Day Time is from 6.00 AM to 10.00 PM.

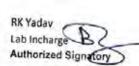
2. Night Time is reckoned between 10.00 PM to 6.00 AM. 3. Silence Zone is defined as an area up to 100 m around premixes of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ""End of Report""











Page No. 1/1

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pendampte Number VTL/AN/0	5			
Name & Address of the Party	: M/s Adani Power Limi Village- Chhote Bhanc	ted Jar, Post- Bade Bhandar, Raigarh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date	: VTL/N/2407250007/A : 7.8 F-04 : NIL : 01/08/2024
Sample Description Scope of Monitoring Protocol Used Instrument Used General Information	: Amblent Noise Level : Regulatory Requirmen : IS 9989 : SLM	Monitoring t	Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: 25/07/2024 : 24 Hrs. : VTL Team : Calibrated
Sampling Location	on during monitoring	 Village - Kathli VTL/SLM/04 Clear Sky 19/07/2024 To 20/07/203 06:00 TO 08:00 Hrs. Min. 28°C Max. 33°C Human, Vehicular & Other As per work order 	24	

S.No.		: NA			
0.110.	Test Parameters	Protocol	Test Result dB(A)		
1 Lea			Day Time	Night Time	
. Jord		IS 9989 - 1981 RA:2020	52.4	41.0	

Area Code Ambien	I Noise Quality Standards as per Noise Pollution (Regula	tion and Controll Rules 2000	41.8
area code	Category of Area/Zone		n dB(A) Leg*
A	Industrial area	Day Time	Night Time
В	Commercial area	75	70
c	Residential area	65	55
D	Silence Zone	55	45
Day Time is from 6.00 AM to 10.00 PM.		50	40

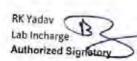
L Day Time is from 5.00 AM to 10.00 PM.

 Night Time is reckoned between 10.00 PM to 6.00 AM.
 Silance Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zenes. These zenes. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply











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are retreated to a second second second					
Sample Number : VTL/AN/12				Report No.	+ VTL/N/2407250012/A
Name & Address of the Party		M/s Adani Power Limited		Format No	: 7.8 F-04
	Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No	: NIL	
	Constraine Lassere Frist-	Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			: 01/08/2024
and an other				Receipt Date	: 25/07/2024
Sample Description : Ambient Noise Level Mor			toring	Sampling Duration	: 24 Hrs.
Scope of Monitoring : Regulatory Requirment Protocol Used : IS good		t		Sample Collected	: VTL Team
Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	; Calibrated
General Information	n;-			Constraint and and and	
Sampling Location		:	Switch Yard		
Instrument Code			VTL/SLM/04		
Meteorological condit	ion during monitoring		Clear Sky		
Date of Monitoring			21/07/2024 To 22/07/20	74	
Time of Monitoring		1	06:00 TO 06:00 Hrs.		
Ambient Temperature	(°C)		Min. 28*C Max 33*C		
Surrounding Activity			Human, Vehicular & Plan	Act	
Parameter Required			As per work order	THE PROPERTY OF THE PROPERTY O	

: As per work order

NA ÷.

S.No.	Test Parameters	Protocol	Test Result di	
			Day Time	Night Time
1	Leg	IS 9989 - 1981 RA:2020	62.3	45.1

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits	n dB(A) Leq*
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50 40	

1. Day Time is from 6.00 AM to 10.00 PM.

Coordinates

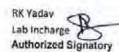
2. Night Time is reckaned between 10.00 PM to 6.00 AM. 3.Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ""End of Report""











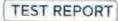
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: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

	Report No.	ż	VTL/S/2407250001/A
	Format No	Ģ	7.8 F-03
	Party Reference No	ŝ	NIL
h	Report Date	2	01/08/2024
	Period of Analysis	1	25/07/2024-01/08/2024
	Receipt Date	1	25/07/2024

S.No.	Parame	ters	Tool Mark
	Coordinates	4	4
	Protocol used	1	IS 11255 & USEPA
	Sampling condition	:	OK
	Flow rate of Gas (LPM) :	2.0
	Flow rate of PM (LPM)		19
	Velocity of Stack Gase		6.14
	Temperature of Stack		132°c
	Ambient Temperature		33°C
	Meteorological Condit		Clear Sky
	Instrument calibration	·	Calibrated
	Height of stack(m)	:	275 m
	Diameter of stack(m)	1	7.5 m
	Make of stack		RCC
	Stack attached to		TPP
	Sampling duration (M	inutes)	53 min. (11:10 to 12:03 hrs.)
	Date of Sampling		21/07/2024
	Sample Collected By		VTL Team
	General Information Sampling Location	n:-	TPP
Sample	Description	: Stack Emission Mo	nitoring

Parameters	Parameters Test Method		Units	
Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019		mg/Nm3	
Sulphur Dioxide (SO2)	IS: 11255(P- 2): 1985, RA.2019		mg/Nm3	
Oxide of Nitrogen (NO2)	IS-11255 (P-7), RA 2017		ma/Nm3	
Mercury (Hg)	USEPA 29: 1996		mg/Nm3	
	Parameters Particulate Matter (PM) Sulphur Dioxide (SO2) Oxide of Nitrogen (NO2) Mercury (Hg)	Particulate Matter (PM) IS: 11255 (P-1) : 1985, RA 2019 Sulphur Dioxide (SO2) IS: 11255(P-2): 1985, RA.2019 Oxide of Nitrogen (NO2) IS-11255 (P-7), RA 2017	Particulate Matter (PM) IS: 11255 (P-1) : 1985, RA 2019 35.43 Sulphur Dioxide (SO2) IS: 11255 (P-2): 1985, RA.2019 685 Oxide of Nitrogen (NO2) IS-11255 (P-7), RA 2017 276	

Of Quantification, **LOQ= Limit Of Quantification

End of Report







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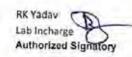
Samp	le Number : VTL/WW/	02		ULR No. Report No.		24000001534F
Samp Samp Samp	& Address of the Party le Description ling Location le Collected By inates	Village- Ch	27	Format No	: 7.6 F-01 : NIL : 01/08/202 : 25/07/202 : 25/07/202 : 22/07/202	4 4-01/08/2024 4 4
S.No.	Test Paramete	rs	Test Method	Result	Unit	Limits
1	рH		IS: 3025 (P-11): 2022	7.98		5.5 to 9.0
2	Total Suspended Solids (1	SS)	IS: 3025 (P-17): 2022	24,0	mg/l	100
3	Oil & Grease		IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
•	Blochemical Oxygen Demi (3 days @ 27°C)	and (BOD)	IS: 3025 (P-44): 2023	17.68	mg/l	30
5	Chemical oxygen Demand	(COD)	IS: 3025 (P-58) 2023	71.0	mg/l	

End of Report











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	the unimaginable ble Number : VTL/WW/03	l		ULR No. Report No.		24000001535F /2407250003/A
Samp Samp Samp	ling Location : ble Collected By :	M/s Adani Po Village- Chho Tehail- Pusso Waste Water STP Outlet VTL Team NA	ote Bhandar, Post- Bade Bhandar, ore Dist Raigarh 496100 Chhatlisgarh	Format No	: 7.8 F-01 : NIL : 01/08/202 : 25/07/202 : 25/07/202 : 22/07/202	4 4-01/08/2024 4 4
S.No.	Test Parameters		Test Method	Result	Unit	Limits
1	pH		IS: 3025 (P-11): 2022	7.82		5.5 to 9.0
2	Total Suspended Solids (TS	S)	IS: 3025 (P-17): 2022	31	mg/l	100
3	Oil & Grease		IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	inger [10
4	Biochemical Oxygen Deman (3 days @ 27*C)	nd (BOD)	IS: 3025 (P-44): 2023	20.2	mg/l	30

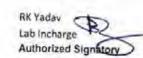
"BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report











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Samp	the unimogimable" Die Number: VTLWW/	M/s Ada Village-	ani Power Limited Chhote Bhandar, Post- Bade Bhandar. Pussore Dist Raigarh 496100 Chhattisgarh	ULR No. Report No. Format No Party Reference No		24000001537F 2407250004/A
Name & Address of the Party :	additione bistor reagain 486 100 Chinanisgam	Report Date	: 01/08/2024			
Sample Description : Waste Sampling Location : Cooling		: VTL Te	Tower Blow Down	Period of Analysis Receipt Date Sampling Date Parameter Required	: 25/07/2024-01/08/2024 : 25/07/2024 : 22/07/2024 : As per work order	
S.No.	Test Paramete	rs	Test Method	Result	Unit	Limits
1	Chromium (as Cr)	-	APHA 23rd Edition 3113 B. 2017	"BLQ("LOQ-0.1)	mg/l	2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B. 2017	*BLQ(**LOQ-0.2)	mg/l	5
3	Residual Free Chlorine		IS: 3025 (P-26):2021	0.47	ma/l	1.0

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report











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Samp	le Number : VTL/WW/		ini Power Limited	Report No.		2407250004/B
Name	& Address of the Party	Village-	Chhote Bhandar, Post- Bade Bhandar, Pussore Dist Raigarh 496100 Chhattisgarh	Format No Party Reference No Report Date	; 7.8 F-01 ; NIL ; 01/08/202	4
Samp Samp	le Description ling Location le Collected By inates	: Waste V : Cooling : VTL Tea : NA	Tower Blow Down	Period of Analysis Receipt Date Sampling Date Parameter Required	: 25/07/202	4
S.No.		ers	Test Method	Result	Unit	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec.1	*BLQ(**LOQ-0.2)	mg/l	5

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report







RK Yadav
Lab Incharge
Authorized Signatory

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	the unimogliable" ole Number : VTL/WW/	M/s Adar Village- (n Power Limited Chhote Bhandar, Post- Bade Bhandar,	ULR No. Report No. Format No Party Reference No		24000001540F 2407250005/A
Name & Address of the Party :	Tensil- P	ussore Dist Raigarh 496100 Chhattisgarh	Report Date	: 01/08/2024		
Sample Description : Was Sampling Location : Boile		: Waste W : Boiler Blo : VTL Tear : NA	w Down	Period of Analysis Receipt Date Sampling Date Parameter Required	: 25/07/2024-01/08/2024 : 25/07/2024 : 22/07/2024	
S.No	Test Paramete	rs	Test Method	Result	Unit	Limits
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0.1)	mg/l	2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	mg/l	5
3	Residual Free Chlorine		IS: 3025 (P-26):2021	0.52	mg/l	1.0

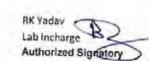
*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

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	& Address of the Party	M/s Ada Village-	ni Power Limited Chhote Bhandar, Post- Bade Bhandar, Pussore Dist Raigarh 496100 Chhattisgarf	Report No. Format No Party Reference No Report Date Period of Analysis	: 7.8 F-01 : NIL : 01/08/202	2407250005/B 4 4-01/08/2024
	le Description ling Location	: Waste V : Boiler Bl	Vater ow Down	Receipt Date Sampling Date	: 25/07/202	4
Sample Collected By Coordinates	the second se		Parameter Required	22/07/2024 As per work order		
S.No.	rest r aramete	ers	Test Method	Result	Unit	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022; (stannous	*BLQ(**LOQ-0.2)	mg/l	5

Chloride Method) Sec.1

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report







RK Yadav	the
Lab Incharge	Jet-
Authorized S	ignatory

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VTL/WL/01-03 M/s Adani Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist-Raigarh 496100 (Chhattisgarh)

Report No.: Format No.: Party Reference No.: Report Date:

Receipt Date: Date of Monitoring VTL/WL/2407250001-03 7.8 F-01 NIL 01/08/2024 25/07/2024 22/07/2024

Sample Collected By sample Description: VTL Team Ground Water Level Monitoring

.No.	Location	Depth (In meter)
1.	Piezometer Well No 02	2.38
2.	Piezometer Well No 03	2.51
3,	Piezometer Well No 04	3.69





RK Yadav Lab Incharge (Authorized Signatory

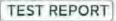
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Report No. Format No . 7.8 F-02 Village- Chhote Bhandar, Post- Bade Bhandar, Party Reference No : NIL Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh Report Date Period of Analysis : 20/08/2024-24/08/2024 Receipt Date

: VTL/A/2408200003/A : 24/08/2024 ; 20/08/2024

			Noceipt Da	A
ple Description	: AMBIENT AIR QUALIT	YM	IONITORING	
General Inform Sampling Location Sample Collected	on	:	Bade Bhandar VTL Team	
Sampling Equipr		:	RDS/FPS	
Instrument Code			VTL/RDS/FPS/03	
Coordinates		1	21*44'21" & 63*17'21"	
Meteorological c	ondition during monitoring		Clear Sky	
Date of Monitorin	ng	:	13/08/2024 To 14/08/2024	
Time of Monitoria	ng		08:00 TO 08:00 Hrs.	
Ambient Tempera	ature (°C)	:	Min 26"C Max 35"C	
Surrounding Act	ivity		Human, Vehicular & Plant Act.	
Scope of Monitor	ring	:	Regulatory Requirment	
Method of Sampl	ing	1	IS 5182	
Sampling Duratio	n	4	24 Hrs.	
Parameter Requi	red	:	As per work order	
1		-		*

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P-23)-2006, RA 2017	50,28	hā/wa	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	22.39	hðíu,	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018	10.56	hā/wa	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	6.12	µg/m³	80

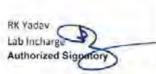
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

"End of Report"









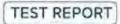


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Sample Number : VTL/AA/0:		Report No.	: VTLA
Name & Address of the Party	t W/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist,- Raigarh 496100 Chhattisgarh	Format No Party Reference No	: 78F
		Report Date	: 24/08
		Period of Analysis	: 20/08
		Receipt Date	: 20/08
Sample Description	: AMBIENT AIR QUALITY MONITORING		
General Informatio	n:-		

: Bade Bhandar
: VTL Team
: RDS/FPS
: VTL/RDS/FPS/03
: 21*44'21" & 83'17'21"
: Clear Sky
: 13/08/2024 To 14/08/2024
: 08:00 TO 08:00 Hrs.
: Min. 26°C Max. 35°C
: Human, Vehicular & Plant Act.
: Regulatory Requirment
: IS:5182
: 24 Hrs.
: As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009	
1 Carbon Monoxide (as CO)		Lab SOP no. VTL/STP/02:2022, STP-08	0.42	mg/m*	4	
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLO (**LOQ 0.5)	nð/ws		

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report









: VTL/A/2408200003/B

: 20/08/2024-24/08/2024

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: 24/08/2024

: 20/08/2024

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S.No.	Parameters	5	Tes	t Method	Results	Units	NAAQS 200
_	Parameter Required		. ‡	As per work order			
	Sampling Duration		1	24 Hrs			
	Method of Sampling		3	IS :5182			
	Scope of Monitoring		3	Regulatory Requirment			
Surrounding Activity			3	Human, Vehicular & Oth	ner Act		
	Amblent Temperature	(°C)	3	Min. 26°C Max. 35°C			
	Time of Monitoring		:	08:30 TO 08:30 Hrs.			
	Date of Monitoring		.2	13/08/2024 To 14/08/20	24		
	Meteorological condi	tion during monitoring	:	Clear Sky			
	Coordinates		2	21"43'28" & 83"16'26"			
	Instrument Code		:	VTL/RDS/FPS/04			
	Sampling Equipment	used		RDS/FPS			
	Sample Collected By			VTL Team			
	General Informatio Sampling Location	n;-	:	Village Kathli			
Sample	Description	: AMBIENT AIR QUALI	TYM	ONITORING			
					Receipt Date	: 20/08/20	and a second
					Period of Analysis		24-24/08/2024
			A 14 14 14 14 14 14 14 14 14 14 14 14 14	arh 496100 Chhattisgarh	Report Date	24/08/20	124
	Construction of the Carlo	Village- Chhote Bhand	ar. P	ost- Bade Bhandar	Party Reference No		
Name 8	Address of the Party	- M/s Adani Power Limit	ed		Format No	7.8 F-02	Contraction of a local sector of a
	Number: VTL/AA/04	4			Report No	· VTI /A/2	408200004/A
aniament sha	A Loss Comp. marticles on Pa Tan "						

S.No.	Parameters	Test Method Resu		Units	NAAQS 2009	
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	49.88	µg/m³	100	
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	24.75	µg/m³	60	
3	Nitrogen Dioxide (as NO2)	IS.5182 (P- 6)-2006, RA.2018	15.34	hð/w,	80	
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	9.65	hð/wa	80	

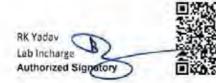
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report











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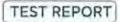
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Sample Number : VTL/AA/0	4	Report No.
Name & Address of the Party	7 M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh	Format No Party Refere Report Date
		Period of An
		Receipt Date
Sample Description	AMBIENT AIR QUALITY MONITORING	
General Informatio	n'-	

Report No.	: VTL/A/2408200004/B	
Format No	7.8 F-02	
Party Reference No	: NIL	
Report Date	: 24/08/2024	
Period of Analysis	: 20/08/2024-24/08/2024	í
Receipt Date	: 20/08/2024	

Sam	ple Description	* AMDIENT AIR OUAL IT	N N	IONITOPING	· · · · · · · · · · · · · · · · · · ·
Sam	General Inform Sampling Locati Sample Collecte Sampling Equips Instrument Code Coordinates	on d By ment used ondition during monitoring		Village Kathli VTL Team RDS/FPS VTL/RDS/FPS/04 21*43'28" & 83*16'26" Clear Sky 13/08/2024 To 14/08/2024	
	Time of Monitori Ambient Temper Surrounding Act	ng ature ("C) ivity		08:30 TO 08:30 Hrs. Min, 26°C Max. 35°C Human, Vehicular & Other Act.	
	Scope of Monito Method of Samp Sampling Durati Parameter Requi	ling on	* * * *	Regulatory Requirment IS :5182 24 Hrs As per work order	

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.59	mg/m²	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð/w,	

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Name & Address of the Party : M/s Adani Power Limited For Village- Chhote Bhandar, Post- Bade Bhandar, Par Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh Rej Par Rec

Report No.	: VTL/A/2408200005/A
Format No	- 7.8 F-02
Party Reference No	: NIL
Report Date	: 24/08/2024
Period of Analysis	: 20/08/2024-24/08/2024
Receipt Date	: 20/08/2024

Sample Description	-		auranua.
100 00 00 0 0 00 4 0 00 C	: AMBIENT AIR QUALIT	ΥM	ONITORING
General Informa Sampling Location		:	Chote Bhandar
Sample Collected	ву	:	VTL Team
Sampling Equipm	nent used	:	RDS/FPS
Instrument Code		3	VTL/RDS/FPS/01
Coordinates		-	21*43'57" & 83*17'00"
Meteorological co	ondition during monitoring	à.	Clear Sky
Date of Monitorin	9	:	14/08/2024 To 15/08/2024
Time of Monitorin	g	1	09:00 TO 09:00 Hrs.
Ambient Tempera	iture (°C)	3	Min. 26°C Max. 30°C
Surrounding Acti	vity	31	Human, Vehicular & Plant Act.
Scope of Monitor	ing	1	Regulatory Requirment
Method of Sampli	ing	1	IS :5182
Sampling Duratio	n	1	24 Hrs
Parameter Requir	ed	:	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	58 37	pg/m*	100
2	Particulate Matter (as PM2.5)	IS:5182 (P-24)-2019	28 76	µg/m*	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2005, RA.2018	14.52	hð/ш ₄	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	7.18	µg/m³	80

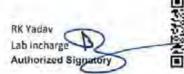
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Date of Monitoring

Time of Monitoring

Surrounding Activity

Scope of Monitoring

Method of Sampling

Ambient Temperature (°C)

Sample Number : VTL/AA/05	5		Report No.	: VTL/A/2408200005/B
Name & Address of the Party	: M/s Adani Power Limited		Formal No	7.8 F-02
	Village- Chhote Bhandar, F		Party Reference No	1. NIL
	Tehsil- Pussore Dist Raig	arh 496100 Chhattisgarh	Report Date	; 24/08/2024
			Period of Analysis	: 20/08/2024-24/08/2024
			Receipt Date	: 20/08/2024
Sample Description	: AMBIENT AIR QUALITY M	MONITORING		
General Informatio Sampling Location	n:-	Chote Bhandar		
Sample Collected By		VTL Team		
Sampling Equipment	used :	RDS/FPS		
Instrument Code		VTL/RDS/FPS/01		
Coordinates	1	21*43'57" & 83*17'00"		
Meteorological condi	tion during monitoring :	Clear Sky		

	Sampling Duration Parameter Required	: 24 Hrs. : As per work order			
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.50	mg/m²	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1968, Method No 317	"BLQ (""LOQ 0.5)	hð/wa	-

14/08/2024 To 15/08/2024

: Human, Vehicular & Plant Act.

09:00 TO 09:00 Hrs.

: Regulatory Requirment

: IS:5182

: Min. 26°C Max. 30°C

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Checked by



RK Yadav Lab Incharge Authorized Signatory

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		Report No.	: VTL/A/24082
	M/s Adani Power Limited	Format No	: 7.8 F-02
	Village- Chhote Bhandar, Post- Bade Bhandar,	Party Reference No	NIL
1	Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh	Report Date	: 24/08/2024
		Period of Analysis	: 20/08/2024-24
		Receipt Date	: 20/08/2024
2	AMBIENT AIR QUALITY MONITORING		
2			

ŝ	VTL/A/2408200006/A
;	7.8 F-02
ź	NIL
:	24/08/2024
4	20/08/2024-24/08/2024
3	20/08/2024

Sample Description	AMBIENT AIR QUALIT	YM	IONITORING
General Inform Sampling Location Sample Collected	on	:	Village- Amli Bhavan VTL Team
Sampling Equipr Instrument Code			RDS/FPS VTL/RDS/FPS/02
Coordinates Meteorological c Date of Monitorir	ondition during monitoring		21*43'33" & 83*16'6" Clear Sky 14/08/2024 To 15/08/2024
Time of Monitoria Amblent Temper	ng		08:30 TO 08:30 Hrs. Min. 26*C Max. 30*C
Surrounding Act Scope of Monitor	ning	4	Human, Vehicular & Other Act. Regulatory Requirment
Method of Sampl Sampling Duratio	λή.	* **	IS :5182 24 Hrs
Amblent Temper Surrounding Act Scope of Monitor Method of Sampl	ature (°C) ivity iing iing		Min. 26°C Max. 30°C Human, Vehicular & Other Act. Regulatory Requirment IS :5182

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	50,82	µg/m*	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	23.68	hð/w,	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018	11.50	µg/m²	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	7.12	µg/m?	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Sample Number : VTL/AA/06	E		Report No.	: VTL/A/2408200006/8
Name & Address of the Party	: M/s Adani Power Limited		Format No	: 7.8 F-02
	Village- Chhote Bhandar, P	Start Andreas (more than the first of the	Party Reference No	: NIL
	Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh		Report Date	: 24/08/2024
			Period of Analysis	: 20/08/2024-24/08/2024
			Receipt Date	: 20/08/2024
Sample Description	: AMBIENT AIR QUALITY M	ONITORING		
General Information Sampling Location	n:-	Village- Amil Bhavan		
Sample Collected By		VTL Team		
Sampling Equipment	used :	RDS/FPS		

».	Parameters	Tes	st Method	Results	Units	NAAQS 2009
1	Parameter Required	12	As per work order		-	
	Sampling Duration	1	24 Hrs.			
	Method of Sampling	1	IS :5182			
	Scope of Monitoring	1	Regulatory Requirment	t		
	Surrounding Activity	1	Human, Vehicular & O	ther Act.		
	Ambient Temperature ("C)	:	Min. 26°C Max. 30°C			
	Time of Monitoring	- 1	08:30 TO 08:30 Hrs.			
	Date of Monitoring	;	14/08/2024 To 15/08/2	2024		
	Meteorological condition during monitoring	4	Clear Sky			
	Coordinates	;	21*43'33" & 83*16'6"			
	Instrument Code	:	VTL/RDS/FPS/02			
			Parsen C.S.			

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0,51	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	"BLQ (""LOQ 0.5)	hð/w _s	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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M/s Adani Power Limited Report No. / VTL M/s Adani Power Limited Format No : 7.8.1 Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhaltisgarh Report Date : 24/0 Period of Analysis : 20/0 Receipt Date : 20/0

VTL/A/2408200013/A
7.8 F-02
NIL
24/08/2024
20/08/2024-24/08/2024
20/08/2024

nple Description	: AMBIENT AIR QUALIT	TY M	ONITORING
General Informa Sampling Locatio Sample Collected	n		Switch Yard VTL Team
Sampling Equipm	ent used	1	RDS/FPS
Instrument Code		:	VTL/RDS/FPS/01
Coordinates		:	21*44'39" & 83*16'21"
Meteorological co	ndition during monitoring	1	Clear Sky
Date of Monitoring	1		16/08/2024 To 17/08/2024
Time of Monitorin	9	1	11:00 TO 11:00 Hrs.
Ambient Tempera	ture (°C)	:	Min. 25°C Max 32°C
Surrounding Activ	vity	1	Human, Vehicular & Plant Act
Scope of Monitori	ng	4	Regulatory Requirment
Method of Sampli	ng	4	15:5182
Sampling Duration	n	:	24 Hrs.
Parameter Requin	ed	1	As per work order
		_	

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	66.10	µg/m²	100
2	Particulate Matter (as PM2.5)	IS:5182 (P-24)-2019	32.54	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	19.67	µg/mª	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2)-2001, RA. 2018	9.52	µg/m³	80

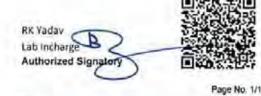
*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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Name & Address of the Party : M/s Adam Power Limited

Village- Chhote Bhandar, Post- Bade Bhandar. Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	: VTL/A/2408200013/B
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	; 24/08/2024
Period of Analysis	: 20/08/2024-24/08/2024
Receipt Date	: 20/08/2024

Sample Description	: AMBIENT AIR QUALIT	YM	ONITORING
General Informa Sampling Location Sample Collected	n	:	Switch Yard VTL Team
Sampling Equipm Instrument Code	ient used		RDS/FPS VTL/RDS/FPS/01
Coordinates Meteorological co	andition during monitoring	* *	21"44'39" & 83"16'21" Clear Sky
Date of Monitorin Time of Monitorin	g	+	16/08/2024 To 17/08/2024 11:00 TO 11:00 Hrs.
Ambient Tempera Surrounding Acti	ture (*C)	:	Min. 25"C Max. 32"C
Scope of Monitor	ing	:	Human, Vehicular & Plant Act. Regulatory Requirment
Method of Sampli Sampling Duratio		;	IS :5182 24 Hrs.
Parameter Requir	ed	1	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02.2022, STP-08	0.58	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð\uus	

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

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	Sample Number : VTL/AN/03	1			Report No	- VTL/N/2408200003/A
	Name & Address of the Party	: M/s Adani Power Limited		and the second second	Format No	: 7.8 F-04
		Village- Chhote Bhandar,			Party Reference No	: NIL
		Tehsil- Pussore Dist Raigarh 496100 Chhattisgarh			Report Date	: 24/08/2024
					Receipt Date	: 20/08/2024
Sample Description : Ambient Noise Level I			el Monitoring		Sampling Duration	: 24 Hrs.
	Scope of Monitoring	1 Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used : IS 9989 Instrument Used : SI M		: IS 9989 : SLM			Instrument	- Calibrated
		C. T. T. L.			Calibration Status	10.00 W
	General Informatio	n:-				
	Sampling Location		1	Bade Bhandar		
Instrument Code Meteorological condition during monitoring			:	VTU/SLM/03		
		ion during monitoring	5	Clear Sky		
	Data of Manifesian		2	12/02/0201 7- 11/02/02		

meteorological condition during monitoring	. Glear Sky
Date of Monitoring	: 13/08/2024 To 14/08/2024
Time of Monitoring	: 06.00 TO 06.00 Hrs.
Ambient Temperature (*C)	: Min. 26°C Max. 35°C
Surrounding Activity	: Human, Vehicular & Plant Act.
Parameter Required	: As per work order
Coordinates	: NA

rd	ina	tes		
_		_	_	_

S.No. Test Parameters		Protocol	Test Result dB(A)		
			Day Time	Night Time	
1 Leg		IS 9989 - 1981 RA:2020	49.7	40.1	

Area Code	Category of Area/Zone	Limits	n dB(A) Leq*
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 5.00 AM to 10.00 PM.

2. Night Time is reckined between 10.00 PM to 6.00 AM. 3 Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackets is banned in these zones. Note: Mixed categories of areas be declared as one of the four above merilioned categories by the competent Authority and the corresponding standards shall apply

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Sample Number : VTL/AN/04	the second second			Report No.	: VTL/N/2408200004/A	
Name & Address of the Party	: M/s Adani Power Limite	éd		Format No	: 7.8 F-04	
	Village- Chhote Bhanda	0.47.0		Party Reference No	: NIL	
	Tensil- Pussore Dist - F	Raiga	arh 496100 Chhattisgarh	Report Date	: 24/08/2024	
				Receipt Date	: 20/08/2024	
Sample Description	: Ambient Noise Level /	Moni	itoring	Sampling Duration	: 24 Hrs.	
Scope of Monitoring	: Regulatory Requirment	t		Sample Collected	: VTL Team	
Protocol Used Instrument Used	: IS 9969 : SLM			Instrument Calibration Status	; Calibrated	
General Information	n:-			ALC: NOT AN ALC: AN ALC: A		
Sampling Location		1	Village - Kathli			
Instrument Code		:	VTL/SLM/04			
Meteorological condit	ion during monitoring	:	Clear Sky			
Date of Monitoring			13/08/2024 To 14/08/20	24		
Time of Monitoring		4	06:00 TO 06:00 Hrs.			
Ambient Temperature	(°C)	:	Min. 26°C Max. 35°C			
Surrounding Activity		4	Human, Vehicular & Oth	er Act.		
Parameter Required		1	As per work order			

: As per work order : NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
Leq		IS 9989 - 1981 RA:2020	48.7	39.3

Area Code	Category of Area/Zone	Limits i	n dB(A) Leq*
		Day Time	Night Time
A	Industrial area	75	70
6	Commercial area	65	55
c	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

Coordinates

2. Night Time is reckaned between 10.00 PM to 5.00 AM. 3.Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

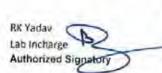
Note: Mixed categories of areas the declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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Sample Number : VTL/AN/0	5			Report No.	: VTL/N/2408200005/A
Name & Address of the Party	: M/s Adani Power Limite		and the state	Format No	: 7.8 F-04
	Village- Chhote Bhanda Tubeil, Russare Dist		osl- Bade Bhandar, arh 496100 Chhattisgarh	Party Reference No	: NIL
	renait russole bist-r	valge	am 496100 Chnattisgam	Report Date	: 24/08/2024
				Receipt Date	: 20/08/2024
Sample Description	: Ambient Noise Level I	Mon	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	- Calibrated
General Informatic					
Sampling Location		1	Chote Bhandar		
Instrument Code		:	VTL/SLM/01		
Meteorological condi	tion during monitoring	:	Clear Sky		
Date of Monitoring			14/08/2024 To 15/08/20	24	
Time of Monitoring		:	06:00 TO 05:00 Hrs.		
Ambient Temperature	(°C)	:	Min, 26"C Max. 30"C		
Surrounding Activity		:	Human, Vehicular & Pla	nt Act.	
Parameter Required		1	As per work order		

: As per work order : NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
1 Leq		IS 9989 1981 RA:2020	54.1	42.8

Area Code	Category of Area/Zone	Category of Area/Zone Limit	
		Day Time	Night Time
A	Industrial area	75	70
8	Commercial area	65	55
c	Residential area	55	45
0	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

Coordinates

2. Night Time is reckoned between 10.00 PM to 6.00 AM. 3.5ilence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle hum, Louitspeaker and bursting of crackers is banned in these iones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

"End of Report"











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Sample Number : VTL/AN/0	8			Report No.	: VTL/N/2408200006/A
Name & Address of the Party	; M/s Adani Power Limite	be		Format No	: 7.6 F-04
	Village- Chhote Bhanda			Party Reference No	: NIL
	Tensil- Pussore Dist P	aiga	arh 496100 Chhattisgarh	Report Date	: 24/08/2024
				Receipt Date	: 20/08/2024
Sample Description	: Ambient Noise Level I	Mon	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requiment			Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	; Calibrated
General Informatio	n:-				
Sampling Location		2	Village- Amli Bhavan		
Instrument Code		:	VTL/SLM/02		
Meteorological condi	tion during monitoring	1	Clear Sky		
Contraction and the second			A designed and the second second		

Date of Monitoring	: 14/08/2024 To 15/08/2024
Time of Monitoring	: 06:00 TO 06:00 Hrs.
Amblent Temperature (*C)	: Min. 26"C Max. 30"C
Surrounding Activity	: Human, Vehicular & Other Act.
Parameter Required	: As per work order
Coordinates	: NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
			Day Time	Night Time
t Leq		IS 9989 - 1981 RA:2020	49.2	38.5

Area Code	Category of Area/Zone	Limits i	n dB(A) Leg*
		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
c	Residential area	55	45
0	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckined between 10.00 PM to 6.00 AM. 3. Silence Zone is defined as an area up to 100 m around premises of Rospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

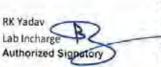
Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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1	Sample Number : VTL/AN/13	3			Report No.	: VTL/N/2408200013/A
	Name & Address of the Party	: M/s Adani Power Limite			Format No	: 7.8 F-04
		Village- Chhote Bhanda			Party Reference No	: NIL
		Tensir Pussore Dist - R	aigi	arh 496100 Chhattisgarh	Report Date	: 24/08/2024
					Receipt Date	: 20/08/2024
	Sample Description	: Amblent Noise Level M	lon	itoring	Sampling Duration	: 24 Hrs.
	Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
	Protocol Used	: IS 9989			the state of the s	
	Instrument Used	: SLM			Instrument Calibration Status	: Calibrated
	General Informatio	n:-				
	Sampling Location		:	Switch Yard		
	Instrument Code		1	VTL/SLM/01		
	Meteorological condit	tion during monitoring	:	Clear Sky		
	Date of Monitoring		:	16/08/2024 To 17/08/20	24	

Date of Monitoring	: 16/08/2024 To 17/08/2024
Time of Monitoring	: 06:00 TO 06:00 Hrs.
Ambient Temperature ("C)	: Min. 25"C Max. 32"C
Surrounding Activity	: Human, Vehicular & Plant Act.
Parameter Required	: As per work order
Coordinates	: NA

S.No	Test Parameters	Protocol	Test Result dB(A)		
			Day Time	Night Time	
1	Leq	IS 9989 - 1981 RA:2020	59.5	48.9	

ndards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time ٨ Industrial area 70 75 В Commercial area 65 55 c **Residential area** 55 45 D Silence Zone 50 40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM. 3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is bannest in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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Sample Number : VTL/AN/10 Name & Address of the Party	: M/s Adani Power Limite Village- Chhote Bhanda	The second se	Report No. Format No Party Reference No Report Date	: VTL/N/2408200016/A : 7 B F-04 : NIL : 24/06/2024
Sample Description Scope of Monitoring Protocol Used Instrument Used General Informatio	Ambient Noise Level I Regulatory Requirment IS 9989 SLM		Receipt Date Sampling Duration Sample Collected Instrument Calibration Status	: 20/08/2024 : 24 Hrs. : VTL Team : Calibrated
Sampling Location	ion during monitoring	 Village- Amli Bhavan VTL/SLM/04 Clear Sky 18/08/2024 To 17/08/20 06:00 TO 06:00 Hrs. Min. 25°C Max. 32°C Human, Vehicular & Oth 		

: As per work order

: NA

S.No.	Test Parameters	Protocol	Test Result dB(A)		
_			Day Time	Night Time	
1	Leq	IS 9989 - 1951 RA:2020	53.6	43.2	

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time ٨ Industrial area 75 70 в Commercial area 65 55 C **Residential area** 55 45 D Silence Zone 50 40

1. Day Teme is from 6.00 AM to 10.00 PML

Parameter Required

Coordinates

2. Night Time is reckoned between 10.00 PM to 6,00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Louidspeaker and bursting of crackers is banned in these rones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

Report No.	1	VTL/S/2408200001/A	
Format No	2	7.8 F-03	
Party Reference No	:	NIL	
Report Date	ż	24/08/2024	
Period of Analysis	1	20/08/2024-24/08/2024	
Receipt Date	ż	20/08/2024	

C NI-		A CONTRACTOR OF			
-	Coordinates		1	-	
	Protocol used		\$	IS 11255 & USEPA	
	Sampling cond	ition	:	OK	
	Flow rate of Ga	s (LPM)	:	2.0	
	Flow rate of PM	(LPM)	;	27	
	Velocity of Stac	k Gases (m/sec.)	:	18.60	
	Temperature of	Stack Gases - Ts (°C)	:	115°c	
	Ambient Tempe	erature - Ta (*C)	;	33°C	
	Meteorological	Condition	:	Clear Sky	
	Instrument cali	bration status	:	Calibrated	
	Height of stack	(m)	:	275 m	
	Diameter of sta	ck(m)	:	7.5 m	
	Make of stack		:	RCC	
	Stack attached	to	:	TPP	
	Sampling durat	tion (Minutes)	:	37 min. (14:30 to 15:07 hrs.)	
	Date of Samplin	ng	:	13/08/2024	
	Sample Collect	ed By	1.2	VTL Team	
	General Inform Sampling Loca		:	TPP	
Sample	Description	: Stack Emission	Mor	nitoring	

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1) : 1985, RA 2019	32.12	mg/Nm3
2	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA.2019	645.0	mg/Nm3
3	Oxide of Nitrogen (NO2)	IS-11255 (P-7), RA 2017	268.0	mg/Nm3
4	Mercury (Hg)	USEPA 29: 1996	"BLQ(""LOQ-0.001)	mg/Nm3

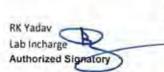
*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

End of Report











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TEST REPORT





rience ti	he unimaginable"			ULR No.	: TC112272	4000001729F	
Samp	le Number : VTL/WW/0	2		Report No.	; VTL/WW/	2408200002/A	
		M/s Adani Po	ower Limited	Format No	7.8 F-01		
			ote Bhandar, Post- Bede Bhandar. ore Dist Raigarh 496100 Chhattisgarh	Party Reference No	a sur street		
Name	& Address of the Party	1	ore oracin haigann hao roo onnatiasgann	Report Date	: 24/08/202	4	
Name & Address of the Party		anos of the range ;		Period of Analysis	1 20/08/202	1 20/08/2024-24/08/2024	
Samp	le Description	: Waste Wate	r	Receipt Date	: 20/08/2024	4	
Samp	ling Location	: ETP Outlet		Sampling Date	: 17/08/202	4	
Samp	le Collected By	: VTL Team		Parameter Required			
Coord	inates	1 NA		C. C	Aa per wol	rk order	
S.No.	Test Parameter	19	Test Method	Result	Unit	Limits	
1	pН		IS: 3025 (P-11): 2022	7.62		5.5 to 9.0	
2	Total Suspended Solids (T	SS)	IS: 3025 (P-17): 2022	22.0	mg/l	100	
3	Oil & Grease	1	IS:3025 (P-39): 2021	"BLQ(""LOQ-4 0)	mg/l	10	
4	Biochemical Oxygen Dema (3 days @ 27°C)	and (BOD)	IS: 3025 (P-44): 2023	16.21	mg/l	.30	
5	Chemical oxygen Demand	(COD)	IS: 3025 (P-58) : 2023	62.0	mg/l	250	
1010	Rolow Limit OF Quantificati		1 OLO antifaction				

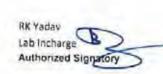
*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report











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lence th	e unimaginable"			ULR No.	: TC112272	4000001730F
Samp	le Number : VTL/WW/0	04		Report No.	: VTL/WW/	2408200003/A
		M/s Adani F	Power Limited	Format No	- 7.8 F-01	
			note Bhandar, Post- Bade Bhandar, sore Dist Ralgarh 496100 Chhattisgarh	Party Reference No		
Name	& Address of the Party		one oner hargan 450 roo onnamagan	Report Date	; 24/08/202	4
Samp Samp Samp	le Description ling Location le Collected By inatcs	: Waste Wat : Cooling Tow : VTL Team : NA	er Ner Blow Down	Period of Analysis Receipt Date Sampling Date Parameter Required	: 20/08/202	4
S.No.	Test Paramete	rs	Test Method	Result	Unit	Limits
1	ρН		IS: 3025 (P-11): 2022	7.66		5.5 to 9.0
2	Total Suspended Solids (1	TSS)	IS: 3025 (P-17): 2022	28.0	mg/l	100
3	Oil & Grease	-	IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
4	Biochemical Oxygen Dem (3 days @ 27°C)	and (BOD)	IS: 3025 (P-44): 2023	15.0	mg/l	30
		(COD)	IS: 3025 (P-58) : 2023	55.0		

""End of Report""













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	e unimaginable"			ULR No.	: TC112272	4000001731F
Sampl	e Number: VTL/WW/	04		Report No.	: VTL/WW/	2408200004/A
		M/s Ada	ni Power Limited	Format No	- 7 8 F-01	
			Chhote Bhandar, Post- Bade Bhandar,	Party Reference No	: NIL	
Name & Address of the Party		Tensil- F	Pussore Dist - Raigarh 496100 Chnattisgarh	Report Date	: 24/08/2024	
Sample Description : Waste			Address of the Party		: 20/08/2024-24/08/2024	
			Vater	Receipt Date	: 20/08/2024 : 17/08/2024	
			Tower Blow Down	Sampling Date		
Sampl	le Collected By inates	: VTL Tea	m	Parameter Required	: As per wor	rk order
S.No.	Test Paramete	ers	Test Method	Result	Unit	Limits
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0.1)	mg/l	2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	mg/l	5
3	Residual Free Chlorine		IS: 3025 (P-26) 2021	0.42	mg/l	1.0

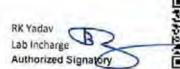
*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

End of Report











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Samp Samp	& Address of the Party le Description ling Location le Collected By	Village- (Tehsil- P : : Waste W	ower Blow Down	Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Parameter Required	: 7.8 F-01 : NIL : 24/08/2024 : 20/08/2024 : 20/08/2024 : 20/08/2024 : 17/08/2024 : As per wor	1-24/08/2024 1
Coord	to the species	: NA		2010.00	the per ner	N OIGCI
S.No.		rs	Test Method	Result	Unit	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous	"BLQ(**LOQ-0.2)	mall	5

Chloride Method) Sec. 1 *BLQ-Below Limit OF Quantification. **LOQ- Limit Of Quantification

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Sampling Location Sample Collected By Coordinates S.No. Test Parameter		M/s Ada Village- Tehsil- I : : Waste V	low Down	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Parameter Required	: TC1122724000001732F : VTL/WW/2408200005/A : 7.8 F-01 : NIL : 24/08/2024 : 20/08/2024-24/08/2024 : 20/08/2024 : 17/08/2024 : As per work order	
S.No.	Test Paramete	1213	Test Method	Result	Unit	Limits
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0.1)	mg/l	2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	mg/l	5
3	Residual Free Chlorine	1.1.1	IS: 3025 (P-26):2021	0.50	mg/l	1.0

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

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Phosphate (as Pi	04)	IS:3025 (P-31):2022, (stannous	*BLQ(**LOQ-0.2)	mg/l	5
Test Pa	arameters	Test Method	Result	Unit	Limits
linates	: NA				
ole Collected By	: VTL Tea	m	Parameter Required	: As per wor	k order
oling Location	: Boiler Bl	ow Down	Sampling Date	: 17/08/2024	4
ble Description	: Waste V	Vater	Receipt Date	: 20/08/2024	4
			Period of Analysis	: 20/08/2024	4-24/08/2024
& Address of the		ussole bist. Nagam 430 ruo Chnattisgam	Report Date	: 24/08/2024	4
		Chhote Bhandar, Post- Bade Bhandar, Pussore Dist Raigarh 496100 Chhattisgarh	Party Reference No	: NIL	
	27764-676	ni Power Limited	Format No	: 7.8 F-01	
ble Number : V			Report No.	: VTLWW	2408200005/B
				the second s	

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

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Sample Number: Name & Address of the Party: VTL/WL/01-03 M/s Adani Power Limited Village -Chhote Bhandar,Post - Bade Bandar, Tehsil Pussore, Dist- Raigarh 496100 (Chhattisgarh)

Report No.:VTL/WLFormat No.:7.8 F-01Party Reference No.:NILReport Date:24/08/2Receipt Date:20/08/2

Date of Monitoring

VTL/WL/2408200001-03 7.8 F-01 NIL 24/08/2024 20/08/2024 15/08/2024

Sample Collected By Sample Description: VTL Team Ground Water Level Monitoring

S.No.	Location	Depth (In meter)
1.	Piezometer Well No 02	1.35
2.	Piezometer Well No 03	2.45
3.	Piezometer Well No 04	2.49

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Coordinates



Sample Number : VTL/AA/03 Name & Address of the Party	M/s Adani Power Limited Village- Chhote Bhandar, Post-1 Tehsil- Pussore Dist Raigarh 4		: VTL/A/2409240003/A : 7.8 F-02 : NIL : 30/09/2024 : 24/09/2024-30/09/2024 : 24/09/2024
Sample Description	AMBIENT AIR QUALITY MONIT	TORING	
General Information Sampling Location Sample Collected By Sampling Equipment Instrument Code	: Bao : VT used : RD	de Bhandar L Team IS/FPS L/RDS/FPS/03	

Class Chu

monitoring

187.67

dustan

	Meteorological condition during monitor Date of Monitoring Time of Monitoring Ambient Temperature (*C) Surrounding Activity Scope of Monitoring Method of Sampling Sampling Duration Parameter Required	Ing : Clear Sky : 18/09/2024 To 19/09/20 : 08:00 TO 08:00 Hrs. : Min. 24*C Max. 33*C : Human, Vehicular & Pic : Regulatory Requirment : IS :5182 : 24 Hrs. : As per work order	ant Act		
	Parameter Redones	· · · · · · · · · · · · · · · · · · ·	1		
SNO	Parameters	Test Method	Results	Units	NAAQS 2009
S.No.		Test Method :5182 (P- 23)-2006, RA. 2017	Results 49.47	Units µg/m'	NAAQS 2009 100
S.No. 1	Particulate Matter (as PM10) IS	And the second s			NAAQS 2009 100 50
S.No. 1 2 3	Particulate Matter (as PM10) IS Particulate Matter (as PM2.5)	:5182 (P- 23)-2006, RA, 2017	49.47	µg/m³	100

: 21"44'21" & 83"17'21"

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Sample Number : VTL/AA/03 Name & Address of the Party	Ws Adani Power Limited Village- Chhote Bhandar, I Tehsil- Pussore Dist Raig		Report No. Format No Party Reference No Report Date Period of Analysis	: VTL/A/2409240003/B : 7.8 F-02 : NIL : 30/09/2024 : 24/09/2024-30/09/2024
			Receipt Date	: 24/09/2024
Sample Description	: AMBIENT AIR QUALITY	MONITORING		
General Information Sampling Location Sample Collected By Sampling Equipment Instrument Code Coordinates	l:- used ion during monitoring	 Bade Bhandar VTL Team RDS/FPS VTL/RDS/FPS/03 21*44*21** & 83*17*21* Clear Sky 18/09/2024 To 19/09/2 08:00 TO 08:00 Hrs. Min. 24*C Max. 33*C 	024	

1

: IS:5182

: 24 Hrs.

Parameter Required		: As per work order	: As per work order		
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 4
	Carbon Monoxide (as CO)	Lab SOP no, VTL/STP/02:2022, STP-08	0.46	mg/m³	
	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	tið/m ₁	-

: Human, Vehicular & Plant Act.

Regulatory Requirment

"BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

Surrounding Activity

Scope of Monitoring

Method of Sampling

Sampling Duration

End of Report





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Sample Number : VTL/AA/04			Report No.	: VTL/A/2409240004/A
Name & Address of the Party	. M/s Adani Power Limited		Format No	: 7.8 F-02
Name & Address of the Farty	Village- Chhote Bhandar, Tehsil- Puzsore Dist Ra	Post- Bade Bhan garh 496100 Chh	Period of Analysis	: 30/09/2024 : 24/09/2024-30/09/2024
			Receipt Date	: 24/09/2024
Sample Description	: AMBIENT AIR QUALITY	MONITORING		
General Information Sampling Location	10-	: Village Kathli		
Sample Collected By		: VTL Team		
Sampling Equipment	used	: RDS/FPS		
Instrument Code		: VTL/RDS/FPS	5/04	
Coordinates		: 21"43'28" & 8	3*16'26"	
Date of Monitoring	ion during monitoring	 Clear Sky 18/09/2024 T 08:30 TO 08: 		
Time of Monitoring	(97)	: Min. 24°C Ma		
Ambient Temperature	1.01	· · · · · · · · · · · · · · · · · · ·	cular & Other Act	
Surrounding Activity		: Regulatory R		
Scope of Monitoring		: IS :5182	equiment	
Method of Sampling				
Sampling Duration		: 24 Hrs.		
Parameter Required		: As per work a	order	

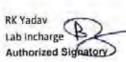
Parameter Required	: As per work order	-			
Parameters	Test Method	Results	Units	NAAQS 2009	
	IS:5182 (P- 23)-2006, RA 2017	50.30	hð\w,	100	
	IS:5182 (P- 24)-2019	25.12	µg/m³	60	
	IS:5182 (P- 6)-2005, RA 2018	16.33	µg/m²	80	
And the second cards and	IS 5182 (P-2) 2001, RA 2018	8.94	hð\w _a	80	
	the management of the	Parameters Test Method Particulate Matter (as PM10) IS:5182 (P- 23)-2006, RA 2017 Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA 2018	Parameters Test Method Results Particulate Matter (as PM10) IS:5182 (P- 23)-2006, RA 2017 50:30 Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 25:12 Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA 2018 16:33	Parameters Test Method Results Units Particulate Matter (as PM10) IS:5182 (P- 23)-2006, RA 2017 50:30 µg/m³ Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 25:12 µg/m³ Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA 2018 16:33 µg/m³	

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

"End of Report"









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Name & Address of the Party .	M/s Adani Power Limited Village- Chhote Bhandar, F Tehsil- Pussore Dist Raig		Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date	: VTL/A/2409240004/B : 7.8 F-02 : NIL : 30/09/2024 : 24/09/2024-30/09/2024 : 24/09/2024
Sample Description :	AMBIENT AIR QUALITY N	NONITORING		
General Information:- Sampling Location Sample Collected By Sampling Equipment us Instrument Code Coordinates Meteorological conditio Date of Monitoring Time of Monitoring Ambient Temperature (*	ed n during monitoring	Village Kathli VTL Team RDS/FPS VTL/RDS/FPS/04 21*43*28* & 83*16*26* Clear Sky 18/09/2024 To 19/09/20 08:30 TO 08:30 Hrs. Min. 24*C Max. 33*C	024	

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1

IS :5182

24 Hrs.

	Parameter Required	: As per work order	1.1			
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009	
(Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.54	mg/m³	4	
2	Mercury (as Hg)	Methods of air sampling and analysis.3rd ed1988, Method No.317		hð\w,		

Human, Vehicular & Other Act.

Regulatory Requirment

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

Surrounding Activity

Scope of Monitoring

Method of Sampling

Sampling Duration

""End of Report""





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			-				100
S.No.	Parameters		Te	st Method	Results	Units	NAAQS 2009
	Parameter Required		-	As per work order		_	
	Sampling Duration		2	24 Hrs.			
	Method of Sampling		:	IS 5182			
	Scope of Monitoring		:	Regulatory Requirment			
	Surrounding Activity		2	Human, Vehicular & Pl			
	Ambient Temperature	(°C)	1	Min. 23°C Max. 31°C			
	Time of Monitoring		14	09:00 TO 09:00 Hrs.			
	Date of Monitoring		4	19/09/2024 To 20/09/20	024		
	Meteorological condit	ion during monitoring	:	Clear Sky			
	Coordinates		:	21*43'57" & 83*17'00"			
	Instrument Code		:	VTL/RDS/FPS/01			
	Sampling Equipment	used	1	RDS/FPS			
	Sample Collected By		- 2	VTL Team			
	General Information Sampling Location	1:-	8	Chote Bhandar			
Sample	Description	AMBIENT AIR QUALT	TY M	ONITORING			
					Receipt Date	: 24/09/20	and and an end of
		Tensi- Pussole Dist.	raig.	un 450 100 onnonogum	Period of Analysis		24-30/09/2024
		Village- Chhote Bhand		arh 496100 Chhattisgarh	Report Date	: 30/09/20	124
Name &	Address of the Party	M/s Adani Power Limite			Format No Party Reference No	and the second s	
Sample M	Number : VTL/AA/05		5		A CONTRACTOR OF	: 7 8 F-02	
-	the unimaginative				Report No.	- VTI /A/2	409240005/A

Parameters	Test Method	Results	Units	NAAQS 2009
Particulate Matter (as PM10)	IS 5182 (P- 23)-2006, RA. 2017	57.10	hð\w,	100
Particulate Matter (as PM2.5)	IS 5182 (P- 24)-2019	26.48	µg/m³	60
	IS:5182 (P- 6)-2006, RA 2018	13.33	hð\w,	80
the start of the s	IS:5182 (P- 2)-2001, RA. 2018	6.89	µg/m³	80
		Particulate Matter (as PM10) IS 5182 (P- 23)-2006, RA. 2017 Particulate Matter (as PM2.5) IS 5182 (P- 24)-2019 Nitrogen Dioxide (as NO2) IS 5182 (P- 6)-2006, RA.2018	Particulate Matter (as PM2.5) IS:5182 (P- 23)-2006, RA. 2017 57,10 Particulate Matter (as PM2.5) IS:5182 (P- 24)-2019 26.48 Nitrogen Dioxide (as NO2) IS:5182 (P- 6)-2006, RA.2018 13.33	Particulate Matter (as PM10) IS 5182 (P- 23)-2006, RA. 2017 57.10 μg/m³ Particulate Matter (as PM2.5) IS 5182 (P- 24)-2019 26.48 μg/m³ Nitrogen Dioxide (as NO2) IS 5182 (P- 6)-2006, RA.2018 13.33 μg/m³

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

"End of Report"





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Page No. 1/1

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Sample Number : VTL/AA/05 Name & Address of the Party : M/s Adani Power Limite Village- Chhote Bhanda Tehsil- Pussore Dist F	the second se	: 7 8 F-02 rence No : NIL te : 30/09/2024 Analysis : 24/09/2024-30/09/2024
Sample Description : AMBIENT AIR QUALIT	Y MONITORING	
General Information:- Sampling Location Sample Collected By Sampling Equipment used Instrument Code Coordinates Meteorological condition during monitoring Date of Monitoring Time of Monitoring	 Chote Bhandar VTL Team RDS/FPS VTL/RDS/FPS/01 21*43'57" & 83*17'00" Clear Sky 19/09/2024 To 20/09/2024 09:00 TO 09:00 Hrs. 	

	Sampling Duration Parameter Required	24 Hrs. As per work order	4		
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0 49	mg/m ^a	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m³	-

Min. 23°C Max. 31°C

: Regulatory Requirment

Human, Vehicular & Plant Act.

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: IS:5182

*BLQ-Below Limit Of Quantification. **LOQ-Limit Of Quantification

Ambient Temperature ("C)

Surrounding Activity

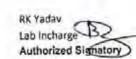
Scope of Monitoring

Method of Sampling

"End of Report""







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NAAQS 2009

100

60

80

80

Units

pg/mª

µg/m³

µg/m³

hð/m,

Results

49.88

22 09

10.97

7.00

Sample Number : VTL/AA/06 Name & Address of the Party	: M/s Adam Power Limited Village- Chhote Bhandar		Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date	: VTL/A/2409240006/A : 7.8 F-02 : NIL : 30/09/2024 : 24/09/2024-30/09/2024 : 24/09/2024
Sample Description	: AMBIENT AIR QUALITY	MONITORING	Receipt Date	+ 24/03/2024
General Information Sampling Location Sample Collected By Sampling Equipment Instrument Code Coordinates	n:- used lon during monitoring	 Village- Amli Bhavan VTL Team RDS/FPS VTL/RDS/FPS/02 21*43'33" & 83*16'6" Clear Sky 19/09/2024 To 20/09/2 08:30 TO 08'30 Hrs. Min. 23*C Max. 31*C Human, Vehicular & O 		

and the second sec		and the second se	
BI O.Below Li	mit Of Quantification	"LOQ-Limit Of (Quantification

Scope of Monitoring

Method of Sampling

Sampling Duration

Parameter Required

Particulate Matter (as PM10)

Particulate Matter (as PM2.5)

Nitrogen Dioxide (as NO2)

Sulphur Dioxide (as SO2)

Parameters

S.No.

1

2

3

4

"End of Report"

Regulatory Requirment

IS:5182

: As per work order

24 Hrs

Test Method

IS:5182 (P- 23)-2006, RA. 2017

IS:5182 (P- 24)-2019

IS:5182 (P-6)-2006, RA.2018

IS:5182 (P-2)-2001, RA. 2018

7









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Name & Address of the Party : M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh

Benert Me	: VTL/A/2409240006/B
Report No.	T VILAV2403240000/B
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	: 30/09/2024
Period of Analysis	: 24/09/2024-30/09/2024
Receipt Date	: 24/09/2024

Surrounding Act Scope of Monitor		-	Human, Vehicular & Other Act Regulatory Reguliment
Ambient Tempera		1	Min. 23°C Max. 31°C
Date of Monitoria Time of Monitoria		-	19/09/2024 To 20/09/2024 08:30 TO 08:30 Hrs.
	ondition during monitoring	4	Clear Sky
Coordinates		÷	21*43'33" & 83*16'6"
Instrument Code		1	VTL/RDS/FPS/02
Sample Collected Sampling Equips	· · ·	1	VTL Team RDS/FPS
General Inform Sampling Location	n	:	Village- Amli Bhavan
Sample Description	: AMBIENT AIR QUALIT	YM	ONITORING

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.53	mg/m ^s	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	hð/w,	-

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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Sample Number : VTL/AA/13		Report No.	· VTL/A/2409240013/A
Name & Address of the Party : M/s Ada	ni Power Limited	Format No	: 7.8 F-02
Vitlage-	Chhote Bhandar, Post- Bade Bhandar,	Party Reference No	: NIL
Tensil- F	Pussore Dist - Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024
		Period of Analysis	- 24/09/2024-30/09/2024
		Receipt Date	: 24/09/2024
Sample Description : AMBIEN	IT AIR QUALITY MONITORING		
General Information:-			
Sampling Location	: Switch Yard		
Sample Collected By	: VTL Team		
Sampling Equipment used	: RDS/FPS		
Instrument Code	: VTL/RDS/FPS/01		
Coordinates	: 21"44'39" & 83"16'21"		
Meteorological condition during	monitoring : Clear Sky		
Date of Monitoring	: 21/09/2024 To 22/09/2	024	
Time of Monitoring	: 11:00 TO 11:00 Hrs.		
Ambient Temperature (°C)	: Min. 23*C Max. 32*C		
Surrounding Activity	: Human, Vehicular & P	ant Act.	
Scope of Monitoring	: Regulatory Requirmen	1	
Method of Sampling	: IS :5182		
Sampling Duration	: 24 Hrs.		
Parameter Required	: As per work order		

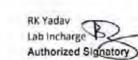
	- and a second second		-		
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006. RA. 2017	64.75	hð/wa	100
2	Particulate Matter (as PM2 5)	IS:5182 (P-24)-2019	30.93	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA 2018	20.15	µg/m²	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.17	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

"End of Report"









Page No. 1/1

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Surrounding Activity

Scope of Monitoring

Method of Sampling

Sampling Duration

: VTL/A/2409240013/B Report No. VTL/AA/13 M/s Adam Power Limited : 7.8 F-02 Format No. Name & Address of the Party ÷ Party Reference No : NIL Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chhattisgarh Report Date : 30/09/2024 : 24/09/2024-30/09/2024 Period of Analysis : 24/09/2024 **Receipt Date** Sample Description : AMBIENT AIR QUALITY MONITORING General Information:-Sampling Location Switch Yard Ť Sample Collected By VTL Team ÷ Sampling Equipment used RDS/FPS ž Instrument Code VTL/RDS/FPS/01 1 Coordinates 21*44'39" & 83*16'21" £ Meteorological condition during monitoring 3 Clear Sky Date of Monitoring 21/09/2024 To 22/09/2024 **Time of Monitoring** 11:00 TO 11:00 Hrs. Ambient Temperature (°C) Min. 23°C Max. 32°C

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	Parameter Required	: As per work order			
S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Carbon Monoxide (as CO)	Lab SOP no. VTL/STP/02:2022, STP-08	0.56	mg/m³	4
2	Mercury (as Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BLQ (**LOQ 0.5)	µg/m³	1.5

IS 5182

24 Hrs

Human, Vehicular & Plant Act.

Regulatory Requirment

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report





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Lab Incharge
Authorized Signatory

Page No. 1/1

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	Sample Number : VTL/AN/03	A series and the series of the			Report No.	3	VTL/N/2409240003/A
	Name & Address of the Party	: M/s Adani Power Limite	d		Format No	5	7.8 F-04
			Village- Chhote Bhandar, Post- Bade Bhandar,			1	NIL
		Tehsil- Pussore Dist - Ralgarh 496100 Chhattisgarh			Report Date	ź	30/09/2024
					Receipt Date	÷	24/09/2024
	Sample Description	: Ambient Noise Level M	Ion	itoring	Sampling Duration	1	24 Hrs
	Scope of Monitoring	: Regulatory Requirment			Sample Collected	1	VTL Team
	Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	:	Calibrated
	General Information	n:-					
	Sampling Location		1	Bade Bhandar			
	Instrument Code		1	VTL/SLM/03			
	Meteorological condit	ion during monitoring	:	Clear Sky			
	Date of Monitoring		:	18/09/2024 To 19/09/20	24		
	Time of Monitoring		:	06:00 TO 06:00 Hrs.			
	Amblent Temperature	(°C)	;	Min. 24°C Max. 33°C			
	Surrounding Activity		:	Human, Vehicular & Pla	nt Act.		
	Parameter Required		1	As per work order			

Coordinates

NA

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
1			Day Time	Night Time
t Leg		IS 9989 - 1981 RA 2020	48.2	40.5

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leg* Day Time Night Time A Industrial area 75 70 в Commercial area 65 55 C 55 **Residential area** 45 D 50 Silence Zone 40

L Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospirals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply "End of Report"



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11.1			1		Day	Time	Night Time
S.No.	Test Parar	neters	1	Protocol	1000	Test Res	sult dB(A)
_	Coordinates		;	NA			
	Parameter Required		1	As per work order			
	Surrounding Activity		:	Human, Vehicular & Ott	her Act.		
	Ambient Temperature	(°C)	;	Min. 24*C Max. 33*C			
	Time of Monitoring		\$	05:00 TO 05:00 Hrs.			
	Date of Monitoring		12	18/09/2024 To 19/09/20	024		
	Meteorological conditi	ion during monitoring	3	Clear Sky			
	Instrument Code		1	VTL/SLM/04			
	Sampling Location		4	Village - Kathh			
	General Information	n:-					
Instrum	ent Used	: SLM			Instrument Calibration Status	; Calibrate	d
Protoco		: IS 9989			Sample Collected	: VTL Tear	m
20-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	of Monitoring	Ambient Noise Level : Regulatory Reguirment		itoring	Sampling Duration	: 24 Hrs	
Samola	Description	Amblant Malax Laura		Mada	Receipt Date	: 24/09/20	24
		And brinklight			Report Date	: 30/09/20	
		Village- Chhote Bhand Tehsil- Pussore Dist -		ost- Bade Bhandar, arh 495100 Chhattisgarh	Party Reference No		
Name &	Address of the Party	: M/s Adani Power Limit	22.0		Format No	: 7.8 F-04	
Sample	Number: VTL/AN/04				Report No.	; VTL/N/24	09240004/A
	ce the unimaginable"						

Leq	IS 9989 - 1981 RA:	2020 49.1	40.0
Ambi	ent Noise Quality Standards as per Noise Pollution (Regula	tion and Control) Rules, 2000	
Area Code	Category of Area/Zone	Limits	in dB(A) Leq*
1		Day Time	Night Time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premines of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ***End of Report***





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THE REDUCT THE MUNICIPALITIES					
Sample Number : VTL/AN/05				Report No.	: VTL/N/2409240005/A
Name & Address of the Party	Villana, Chhola Bhandar, Darl, Bada Dhandar				
				Party Reference No	: NIL
	Tehsil- Pussore Dist - F	Kaigar	h 496100 Chhattisgarh	Report Date	30/09/2024
				Receipt Date	: 24/09/2024
Sample Description	: Ambient Noise Level I	Monit	oring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	; Calibrated
General Informatio	n:-				
Sampling Location		: .	Chote Bhandar		
Instrument Code		: 1	VTL/SLM/01		
Meteorological condit	ion during monitoring	: 1	Clear Sky		
Date of Monitoring		3.7	19/09/2024 To 20/09/20	24	
Time of Monitoring		: (06:00 TO 06:00 Hrs.		
Ambient Temperature	(°C)	1.1	Min. 23"C Max. 31"C		
Surrounding Activity		: 1	Human, Vehicular & Pla	nt Act.	
Parameter Required		: /	As per work order		

Coordinates

1	VA	67		

No.	Test Parameters	Protocol	Test Result dB(A)		
-			Day Time	Night Time	
Leq		IS 9989 - 1981 RA 2020	53.8	42.1	

Area Code	Category of Area/Zone	Limits i	n dB(A) Leg*
		Day Time	Night Time
A	Industrial area	75	70
8	Commercial area	. 65	55
c	Residential area	55	45
D	Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10:00 PM to 5:00 AM. 3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply "End of Report"





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S No. Test Dece	NUMBER OF STREET					12 10 10 10 10
Coordinates		3	NA			
Parameter Required		:	As per work order			
Surrounding Activity		1	Human, Vehicular & Oth	er Act		
Ambient Temperature	(°C)	:	Min. 23°C Max. 31°C			
Time of Monitoring		1	06:00 TO 06:00 Hrs.			
Date of Monitoring		.:	19/09/2024 To 20/09/20	24		
Meteorological condit	tion during monitoring	:	Clear Sky			
Instrument Code		;	VTL/SLM/02			
Sampling Location		1	Village- Amli Bhavan			
General Informatio	n:-					
Instrument Used	: SLM			Instrument Calibration Status	- Calibrated	
Scope of Monitoring Protocol Used	 Regulatory Requirment IS 9989 	it.		Sample Collected	: VTL Team	
Sample Description	: Ambient Noise Level		itoring	Sampling Duration	: 24 Hrs	
24.43.540.5				Receipt Date	: 24/09/2024	6 F
	Tensil- Pussore Dist.+	Raiga	arh 496100 Chhattisgarh	Report Date	: 30/09/2024	1 C
	Village- Chhote Bhand			Party Reference No	: NIL	
Name & Address of the Party	: M/s Adani Power Limit	ted		Format No	7.8 F-04	
Sample Number : VTL/AN/00	3	1		Report No.	: VTL/N/240	9240006/A

S.No.	Test Parameters	Protocol	Test Result dB(A)		
		the second second	Day Time	Night Time	
1	Leq	IS 9989 - 1981 RA:2020	48.9	39.3	

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time A Industrial area 75 70 в Commercial area 65 55 с **Residential area** 55 45 D Silence Zone 50 40

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in

these tones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply ***End of Report***





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Page No. 1/1

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Sample Number : VTL/AN/1	3			Report No.	: VTL/N/2409240013/A
Name & Address of the Party	: M/s Adani Power Limite	b		Format No	: 7.8 F-04
	Village- Chhote Bhanda	1.00		Party Reference No	: NIL
	Tensil- Pussore Dist - R	taiga	arh 496100 Chhattisgarh	Report Date	: 30/09/2024
				Receipt Date	: 24/09/2024
Sample Description	: Ambient Noise Level I	Mon	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 1 SLM			Instrument Calibration Status	; Calibrated
General Informatio	n:-				
Sampling Location		1	Switch Yard		
Instrument Code			VTL/SLM/01		
Meteorological condi	tion during monitoring	:	Clear Sky		
Date of Monitoring		:	21/09/2024 To 22/09/20	24	
Time of Monitoring		4	06:00 TO 06:00 Hrs.		
Ambient Temperature	(°C)	1	Min. 23"C Max. 32"C		
Surrounding Activity		1	Human, Vehicular & Pla	nt Act.	
Parameter Required		2	As per work order		

. NA

S.No.	Test Parameters	Protocol	Test Result dB(A)		
			Day Time	Night Time	
1	Leq	IS 9989 - 1981 RA:2020	60.9	49.1	

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time A Industrial area 75 70 8 Commercial area 65 55 с **Residential area** 55 45 50 D Silence Zone 40

1. Day Time is from 6.00 AM to 10.00 PM.

Coordinates

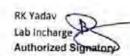
2. Night Time is reckoned between 10.00 PM to 6.00 AM.

1 Silence Zone is defined as an area up to 100 m around premises of Hospitals. Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is benned in these zones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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Sample Number : VTL/AN/14	1.10 (1.1.1)			Report No.	- VTL/N/2409240014/A
Name & Address of the Party	: M/s Adani Power Limite			Format No	: 7.8 F-04
	Village- Chhote Bhanda			Party Reference No	: NIL
	Tehsil- Pussore Dist - F	alga	arh 496100 Chhattisgarh	Report Date	: 30/09/2024
				Receipt Date	: 24/09/2024
Sample Description	: Ambient Noise Level I	Non	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment			Sample Collected	: VTL Team
Protocol Used	: IS 9989			Instrument	. Calibrated
Instrument Used	: SLM			Calibration Status	• 5-2-10-10-10-10-10-10-10-10-10-10-10-10-10-
General Informatio	in:-				
Sampling Location		.:	Village - Chandarpur		
Instrument Code		3	VTL/SLM/02		
Meteorological condi	tion during monitoring	12	Clear Sky		
Date of Monitoring			21/09/2024 To 22/09/20	24	
Time of Monitoring		12	06:00 TO 05:00 Hrs.		
Ambient Temperature	e (°C)	\$	Min. 23°C Max. 32°C		
Surrounding Activity		:	Human, Vehicular & Ot	her Act.	
Parameter Required		4	As per work order		
Coordinates		1.	NA		

S.No.	Test Parameters	Protocol	Test Re	sult dB(A)
		the second	Day Time	Night Time
1 Leo	a	IS 9989 - 1981 RA:2020	53.1	41.7

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leg*		
		Day Time	Night Time	
A	Industrial area	75	70	
B	Commercial area	65	55	
C	Residential area	55	45	
D	Silence Zone	50	40	

1. Day Time is from 6:00 AM to 10:00 PM.

2. Night Time is reckoned between 10.00 PtA to 6.00 AM.

3. Seence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these tones. Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

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Sample Number : VTL/AN/18	5			Report No.	: VTL/N/2409240016/A
Name & Address of the Party	: M/s Adani Power Limit	ed		Format No	: 7 8 F-04
	Village- Chhole Bhand		The second s	Party Reference No	: NIL
	Tehsil- Pussore Dist I	Raig	arh 496100 Chhattisgarh	Report Date	: 30/09/2024
				Receipt Date	: 24/09/2024
Sample Description	: Ambient Noise Level	Mon	itoring	Sampling Duration	: 24 Hrs.
Scope of Monitoring	: Regulatory Requirment	È.		Sample Collected	: VTL Team
Protocol Used Instrument Used	: IS 9989 : SLM			Instrument Calibration Status	; Calibrated
General Informatio	n:-				
Sampling Location		1	Village- Amli Bhavan		
Instrument Code			VTL/SLM/04		
Meteorological condi	tion during monitoring	12	Clear Sky		
Date of Monitoring		1	21/09/2024 To 22/09/20	24	
Time of Monitoring		a	06:00 TO 06:00 Hrs.		
Ambient Temperature	(*C)		Min. 23"C Max. 32"C		
Surrounding Activity		1	Human, Vehicular & Oth	er Act.	
Parameter Required		:	As per work order		
			the second se		

: NA

S.No	Test Parameters	Protocol	Test Result dB(A)		
			Day Time	Night Time	
1	Leq	IS 9989 - 1981 RA:2020	54.8	44.9	

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000 Area Code Category of Area/Zone Limits in dB(A) Leq* Day Time Night Time A Industrial area 75 70 8 Commercial area 65 55 С **Residential area** 55 45 D Silence Zone 50 40

1. Day Time is from 6 00 AM to 10.00 PM.

Coordinates

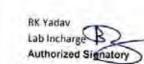
2. Night Time is reckoned between 10.00 PM to 5.00 AM.

3.Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the compotent Authority and the corresponding standards shall apply ""End of Report""









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Children Children Standar, Post-Bade Bhandar, Village- Chhote Bhandar, Post-Bade Bhandar, Tehsil- Pussore Dist.- Raigarh 496100 Chhattisgarh

	Report No.	ž	VTL/S/2409240001/A	
	Format No	ż	7.8 F-03	
	Party Reference No	;	NIL	
١	Report Date	:	30/09/2024	
	Period of Analysis	:	24/09/2024-30/09/2024	
	Receipt Date	1	24/09/2024	

S No.	Parameters	-	Test Med
-	Coordinates	4	-
	Protocol used	:	IS 11255 & USEPA
	Sampling condition	:	OK
	Flow rate of Gas (LPM)	:	2.0
	Flow rate of PM (LPM)	:	36
	Velocity of Stack Gases (m/sec.)	1	18.60
	Temperature of Stack Gases - Ts (°C)	;	138°c
	Ambient Temperature - Ta (°C)	;	37°C
	Meteorological Condition	:	Clear Sky
	Instrument calibration status	:	Calibrated
	Height of stack(m)	- 1	275 m
	Diameter of stack(m)	:	7.5 m
	Make of stack	:	RCC
	Stack attached to	:	TPP
	Sampling duration (Minutes)	:	28 min. (14:47 to 15:15 hrs.)
	Date of Sampling	1	20/09/2024
	Sample Collected By		VTL Team
	General Information:- Sampling Location		TPP
Sample	Description : Stack Emission	Mor	nitoring

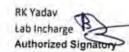
S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (PM)	IS: 11255 (P-1) 1985, RA 2019	30.40	mg/Nm3
2	Sulphur Dioxide (SO2)	IS: 11255(P-2): 1985, RA 2019	602.0	mg/Nm3
3	Oxide of Nitrogen (NO2)	IS-11255 (P-7), RA 2017	243.0	mg/Nm3
4	Mercury (Hg)	USEPA 29: 1996	*BLQ(**LOQ-0.001)	mg/Nm3

*BLQ= Below Limit Of Quantification, **LOQ= Limit Of Quantification

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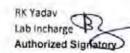


Experies	e Number : VTL/WW/0	2		ULR No. Report No.	1.	24000002110F 2409240003/A
			Bhandar, Post- Bade Bhandar,	Format No Party Reference No	: 7.8 F-01 : NIL	
Tehsil- Pussore Dist Raigarh 496100 Chhattisgi Name & Address of the Party				Report Date	: 30/09/202	4
	e Description	Description : Waste Water		Period of Analysis Receipt Date	: 24/09/2024-30/09/2024 : 24/09/2024	
	ling Location le Collected By nates	: ETP Outlet : VTL Team : NA		Sampling Date Parameter Required	: 21/09/2024 As per wor	Sector and
S.No.	Test Paramete	rs	Test Method	Result	Unit	Limits
1	рH		IS: 3025 (P-11): 2022	7.77	-	5.5 to 9.0
2	Total Suspended Solids (7	'SS)	IS: 3025 (P-17): 2022	24.2	mg/l	100
3	Oil & Grease		IS:3025 (P-39): 2021	*BLQ(**LOQ-4.0)	mg/l	10
4	Biochemical Oxygen Demand (BOD) (3 days @ 27*C)		IS: 3025 (P-44): 2023	17.0	mg/l	30
-	Chemical oxygen Demand	(000)	IS: 3025 (P-58): 2023	70.0	mg/l	250

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Experie	nce the unimoginable" le Number : VTL/WW/			ULR No.		4000002111F	
Samp	e Number : VILIVVV/	The stand second second	and the base	Report No.		2409240004/A	
		M/s Adani Po	TOP THORE	Format No	: 7.8 F-01		
			ote Bhandar, Post- Bade Bhandar,	Party Reference No	; NIL		
Namo	& Address of the Darty	Tensil- Pussi	bre Dist - Raigarh 496100 Chhattisgarh	Report Date	: 30/09/202	4	
Name & Address of the Party : Sample Description : Waste Wa			Perio		: 24/09/202	: 24/09/2024-30/09/2024	
			· · · · · · · · · · · · · · · · · · ·	Receipt Date	: 24/09/2024		
Samp	ling Location	: Cooling Town	ar Blow Down	Sampling Date	: 21/09/2024		
Sample Collected By : VTL Team				Parameter Required	As per work order		
Coord	inates	: NA			Con provi con	in order	
S.No.	Test Paramete	ers	Test Method	Result	Unit	Limits	
5.No.	Test Paramete pH	ers	Test Method IS: 3025 (P-11): 2022	Result 7.41	Unit	Limits 5.5 to 9.0	
5.No. 1 2	C.007 0 FCC0044						
5.No. 1 2 3	рH		IS: 3025 (P-11): 2022	7.41	-	5.5 to 9.0	
S.No. 1 2 3 4	pH Total Suspended Solids (TSS)	IS: 3025 (P-11): 2022 IS: 3025 (P-17): 2022	7.41 30.2	mg/l	5.5 to 9.0 100	

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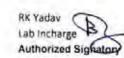


AAN I			ULR No.	1 TC112272	4000002112F
	04		Report No.	+ VTLWW	2409240005/A
	M/s Ada	ni Power Limited	Format No	7.8 F-01	
			Party Reference No	NIL	
Address of the Dest.	Tehsil- P	ussore Dist Raigarh 496100 Chnattisgarh	Report Date	: 30/09/2024	4
Address of the Party	*		Period of Analysis	: 24/09/2024	4-30/09/2024
Description	Description : Waste Water		Receipt Date	: 24/09/2024	
ng Location	: Cooling	Tower Blow Down	Sampling Date	; 21/09/2024	
Collected By	: VTL Tea	m	Parameter Required	As per wor	rk order
ates	: NA				1
Test Paramete	irs	Test Method	Result	Unit	Limits
Chromium (as Cr)		APHA 23rd Edition 3113 B. 2017	*BLQ(**LOQ-0.1)	mg/l	2
činc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	mg/l	5
Residual Free Chlorine		IS: 3025 (P-26):2021	0.38	mg/l	1.0
	Address of the Party Description of Location Collected By ates Test Paramete Chromium (as Cr) Clinc (as Zn)	Address of the Party : Description : Waste W ag Location : Cooling 1 Collected By : VTL Teal ates : NA Test Parameters Chromium (as Cr) Clinc (as Zn)	withe unimoginable" M/s Adani Power Limited Number : VTL/WW/04 Wis Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chnattisgarh Address of the Party : Description : Waste Water : ng Location : Cooling Tower Blow Down Collected By : VTL Team ates : NA Test Parameters Test Method Chromium (as Cr) APHA 23rd Edition 3113 B. 2017 Clinc (as Zn) APHA 23rd Edition-3030D, 3113 B. 2017	withe unimoginable" ULR No. Number : VTLWW/04 Report No. M/s Adani Power Limited Format No Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chnattisgarh Party Reference No. Address of the Party : Period of Analysis Description : Waste Water Receipt Date ng Location : Cooling Tower Blow Down Sampling Date Collected By : VTL Team Parameter Required ates : NA Test Parameters Test Method Result Chromium (as Cr) APHA 23rd Edition-3030D, 3113 B, 2017 *BLQ(**LOQ-0.2) 1 Clinc (as Zn) APHA 23rd Edition-3030D, 3113 B, 2017 *BLQ(**LOQ-0.2) 2017	e the unimoginable" ULR No. 1 TC112272 Number : VTL/WW/04 Report No. 1 VTL/WW/04 M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bhandar, Tehsil- Pussore Dist - Raigarh 496100 Chnattisgarh Party Reference No 1 NiL Address of the Party : 2 24/09/2022 Description : Waste Water Receipt Date : 24/09/2022 ng Location : Cooling Tower Blow Down Sampling Date : 21/09/2022 Collected By : VTL Team 21/09/2022 ates : NA * Test Parameters Test Method Result Unit Chromium (as Cr) APHA 23rd Edition-3030D, 3113 B, 2017 * * APHA 23rd Edition-3030D, 3113 B, 2017 * * * 2017 2017 mg/i *

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Samp Name Samp Samp	& Address of the Party le Description ling Location le Collected By	M/s Ada Village- Tehsil- I : : Waste V	Tower Blow Down	Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Parameter Required	: 7.8 F-01 : NIL : 30/09/202 : 24/09/202 : 24/09/202 : 21/09/202	4-30/09/2024 4 4
S.No.			Test Method	Result	Unit	Limits
1	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec 1	*BLQ(**LOQ-0.2)	mg/l	5

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Samp Name Samp Samp Samp	Address of the Party le Description ling Location le Collected By inates	M/s Ada Village-	ow Down	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Parameter Required	: VTL/WW/ : 7.8 F-01 : NIL : 30/09/2024	4-30/09/2024 4 4
S.No.	initial sector		Test Method	Result	Unit	Limits
1	Chromium (as Cr)		APHA 23rd Edition 3113 B, 2017	*BLQ(**LOQ-0 1)	mg/l	2
2	Zinc (as Zn)		APHA 23rd Edition-3030D, 3113 B, 2017	*BLQ(**LOQ-0.2)	mg/l	5
3	Residual Free Chlorine		IS: 3025 (P-26):2021	0.47	mg/l	1.0

*BLQ-Below Limit OF Quantification, **LOQ- Limit Of Quantification

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Sampi Name Samp Samp	& Address of the Party le Description ling Location le Collected By	M/s Adam Village- C	w Down	Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Parameter Required	: 7.8 F-01 : NIL : 30/09/202	4-30/09/2024 4 4
S.No.			Test Method	Result	Unit I	1.1-11-
1	Phosphate (as PO4)				Unit	Limits
ľ.,	Phosphate (as PO4)		IS:3025 (P-31):2022, (stannous Chloride Method) Sec.1	"BLQ(""LOQ-0.2)	mg/l	5

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Samp Samp Samp Samp Prese	le Collected By rvation	: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade I Tehsil- Pussore Dist - Raigarh 496100 : Water Sample : Village- Amli Bhavan : VTL Team : Sultable Preservation : IS .3025	3handar, Chhattiegarh	Report Period o Receipt Samplir Samplir Sample	No. No efference No Date of Analysis Date ng Date ng Date ng Type Quantity	 TC112272400 VTL/W/24092 7.8 F-01 NIL 30/09/2024 24/09/2024-30 24/09/2024 20/09/2024 20/09/2024 Grab 2 Lir 	240006/A
S.No	the second s		Resul	Coordin ts	units	: NA IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS 3025 (P-11) 2022	7.08	1		6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025; (P-10) : 2023	"BLQ("LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO)	3) (S: 3025 (P-21): 2009, RA 2019	195.0		mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40) 1991 RA 2019	53.0	. · ·	mg/l	75	200
5	Total Alkalinity (as CaCO3) IS: 3025 (P-23): 2023	177.0	i s	mg/l	200	600
б	Chloride (as Cl)	IS: 3025 (P-32) 1988, RA 2019	102.0	()	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	15.25	0	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	510		mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec : 1 2022	28.40		mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD 2017	0.50		mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	21.9	- 3	mg/l	45.0	No Relaxation
12	l/on (as Fe)	APHA 23rd Edition . 3111B,2017	0.27		mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	*BLQ(**LOO	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOG	2-0.2)	mg/l	.0.5	2.4
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C 2017	*BLQ(**LOQ	0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.37		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ("LOQ	-0.02)	mg/l	0.05	1.5





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Sampl	e Number: VTL/W/01	ULR N Report		: TC1122724000002090F : VTLW/2409240006/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Selenium (as Se)	APHA 23rd Edition, 3114C. 2017	*BLQ(**LOQ-0.005)	mg/(0.01	No Relaxation
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	0.05
21	Total Celiform	IS : 15185 : 2016 RA: 2021	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
	E.Coli	IS : 15185 : 2016 t	Absent	per 100 mi	Shall not be detectable in any 100 ml sample	-
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA :2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation
24	Free Residual Chiorine	IS 3025 (P-26) 2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0

"End of Report""





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Sample Number : VTL/W/01					Report	No.	: VTL/W/24092	40006/B
Name	& Address of the Party		Power Limited		Format	No	7.8 F-01	
			hhote Bhandar, Post- Bade			eference No	: NIL	
		rensil- Pu	ssore Dist Raigarh 49610	0 Chhattisgarh	Report	Date	: 30/09/2024	
Sample Description					Period	of Analysis	: 24/09/2024-3	0/09/2024
		: Water San	- dere		Receipt	Date	: 24/09/2024	
	ling Location	: Village- Ar	mli Bhavan		Sampli	ng Date	: 20/09/2024	
Samp	le Collected By	: VTL Team			Samplin	ng Type	Grab	
Prese	rvation	: Suitable Preservation		Sample Quantity		: 2 Ltr		
Metho	od of sampling	: IS :3025			Coordin	ates	: NA	
S.No.	. Test Parameters		Test Method	Resu	lts	Units	IS:105	00-2012
							Acceptable Limit	Permissible Limit
1	Colour		IS: 3025:(P-4): 2021	"BLQ("LO	Q-5.0)	Hazen	5	15
2	Odour		IS: 3025 (P-5) 2018	Agrees	ble	- 1	Agreeable	Agreeable
				-				

	All and the second s	.4500D,2017				1
5	Mineral Oil	IS 3025 (P-39) 2021	*BLQ(**LOQ-0.05)	mg/l	0.5	t
6	Anionic Detergents (as MBAS)	APHA 23rd Edition . 5540C 2017	*BLQ(**LOQ-0.05)	mg/l	0.2	T
7	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	"BLQ(""LOQ-0.1)	mg/l	0.05	t
8	Barium as Ba	APHA 23rd Edition.3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	Ť

IS :3025 (P-8): 2023

APHA 23rd Edition

*BLQ-Below Limit Of Quantification, **LOQ- Limit of Quantification

End of Report

Agreeable

"BLQ("*LOQ-0 02)

-

mg/l

Agreeable

0.05

Agreeable

No Relaxation

No Relaxation

No Relaxation

No relaxation



3

4

Taste

Cyanide (as CN)



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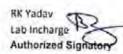




Sampl Sampl Sampl Sampl Sampl Preser	le Description : ling Location : le Collected By : rvation :	M/s Adani Power Limited Village - Chhote Bhandar, Post- Bade E Tehsil- Pussore Dist - Raigarh 496100 Water Sample Village - Kathli VTL Team Suitable Preservation IS 3025	Bhandar, Chhatlisgarh	Report I Period o Receipt Samplin Samplin	No. No eference No Date of Analysis Date g Date g Type Quantity	 TC112272400 VTL/W/24092 7 8 F-01 NIL 30/09/2024 24/09/2024-30 24/09/2024 20/09/2024 Grab 2 Lir. NA 	240007/A
S.No.	Test Parameters	Test Method	Resul	ts	Units	IS:105 Acceptable	00-2012 Permissible
-						Limit	Limit
1	pH (at 25°C)	IS 3025 (P-11) 2022	7.49		-	6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025: (P-10)2023	"BLQ(""LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO3)	IS: 3025 (P-21): 2009, RA 2019	178.0		mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	52.5		mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	149.0	0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	113.0		mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	11.42		mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16) 2023	440.0	1	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): sec -1 2022	29.8	100	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition .4500FD 2017	0.50	1	mg/I	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	22.4	-	mg/i	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 3111B,2017	0.25		mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOO	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LO	2-0.2)	mg/l	0.5	2.4
	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C 2017	*BLQ(**LOQ	-0.001)	mg/l	0.001	0,002
16	Zinc (as Zn)	APHA 23rd Edition.3030D. 3113 B . 2017	0.38		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ(""LOO	-0.02)	mg/l	0.05	1.5









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Experien	Sperience the unimoginable" Sample Number : VTL/W/02		ULR No Report		 TC1122724000002091F VTL/W/2409240007/A 		
S.No.	Test Parameters	rameters Test Method	Results	Units	IS:10500-2012		
					Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 mi	Shall not be detectable in any 100 ml sample	-	
22	E-Coli	IS : 16185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample		
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1985 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26) 2021	*BLQ(**LOQ-0 2)	mg/l	0.2	1.0	

End of Report





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S.No.	Test Parameters	Test Method	Resu	Its Units	IS:10500-2012
Method of	sampling	: IS :3025		Coordinates	: NA
Preservatio	on	: Suitable Preservation		Sample Quantity	= 2 Ltr.
Sample Co	ollected By	: VTL Team		Sampling Type	: Grab
Sampling I	Location	: Village - Kathli		Sampling Date	: 20/09/2024
Sample De	scription	: Water Sample		Receipt Date	: 24/09/2024
				Period of Analysis	: 24/09/2024-30/09/2024
		Tehsil Pussore Dist - Raigarh 4	96100 Chnattisgam	Report Date	: 30/09/2024
		Village- Chhote Bhandar, Post-I	and the second	Party Reference No	: NIL
Name & Ac	idress of the Party	: M/s Adani Power Limited		Format No	7.8 F-01
Sample Nu	mber: VTL/W/02			Report No.	: VTL/W/2409240007/B
EXDENDED TO THE	e unimoginable				

		1		Acceptable Limit	Permissible Limit	
Colour	IS: 3025 (P-4)2023	*BLQ(**LOQ-5.0)	Hazen	5	15	
Odour	IS 3025 (P-5) 2018	Agreeable	-	Agreeable	Agreeable	
Taste	IS 3025 (P-8): 2023	Agreeable	-	Agreeable	Agreeable	
Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	"BLQ(""LOQ-0.02)	mg/l	0.05	No Relaxation	
Mineral Oil	IS 3025 (P-39) 1989	*BLQ(**LOQ-0.05)	mg/l	1.0	No Relaxation	
Anionic Detergents (as MBAS)	APHA 23rd Edition . 5540C 2017	'BLQ(**LOQ-0.05)	mg/l	0.2	1.0	
Barium as Ba	APHA 23rd Edition.3111B 2017	*BLQ(**LOQ-0.02)	mg/l	0.7	No relaxation	
	Odour Taste Cyanide (as CN) Mineral Oil Anionic Detergents (as MBAS)	Odour IS 3025 (P-5) 2018 Taste IS 3025 (P-8): 2023 Cyanide (as CN) APHA 23rd Edition ,4500D,2017 Mineral Oil IS 3025 (P-39) 1989 Anionic Detergents (as MBAS) APHA 23rd Edition ,5540C 2017 Barium as Ba APHA 23rd Edition,3111B	Odour IS 3025 (P-5) 2018 Agreeable Taste IS 3025 (P-8): 2023 Agreeable Cyanide (as CN) APHA 23rd Edition ,4500D,2017 *BLQ(**LOQ-0.02) Mineral Oil IS 3025 (P-39) 1989 *BLQ(**LOQ-0.05) Anionic Detergents (as MBAS) APHA 23rd Edition ,5540C 2017 *BLQ(**LOQ-0.05) Barium as Ba APHA 23rd Edition ,3111B *BLQ(**LOQ-0.02)	Odour IS 3025 (P-5) 2018 Agreeable Taste IS 3025 (P-8): 2023 Agreeable Cyanide (as CN) APHA 23rd Edition ,4500D,2017 *BLQ(**LOQ-0.02) mg/l Mineral Oil IS 3025 (P-39) 1989 *BLQ(**LOQ-0.05) mg/l Anionic Detergents (as MBAS) APHA 23rd Edition , 5540C 2017 *BLQ(**LOQ-0.05) mg/l Barium as Ba APHA 23rd Edition, 3111B *BLQ(**LOQ-0.02) mg/l	Limit Limit Colour IS : 3025 (P-4)2023 *BLQ(**LOQ-5.0) Hazen 5 Odour IS : 3025 (P-5) 2018 Agreeable Agreeable Taste IS : 3025 (P-8): 2023 Agreeable Agreeable Cyanide (as CN) APHA 23rd Edition ,4500D,2017 *BLQ(**LOQ-0.02) mg/l 0.05 Mineral Oil IS 3025 (P-39) 1989 *BLQ(**LOQ-0.05) mg/l 1.0 Anionic Detergents (as MBAS) APHA 23rd Edition ,5540C 2017 *BLQ(**LOQ-0.05) mg/l 0.2 Barium as Ba APHA 23rd Edition,3111B *BLQ(**LOQ-0.02) mg/l 0.7	

End of Report





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Sample Sample Sample Sampli Sample Preser	e bescription ng Location e Collected By vation d of sampling	: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade Bh Tehsil- Pussore Dist - Raigarh 496100 C : Water Sample I Village - Chote Bhandar : VTL Team : Suitable Preservation : IS 13025		Report D	o erence No ate Analysis Date 3 Date 3 Type Duantity	: TC1122724000 : VTLW/240924 : 7.8 F-01 : NIL : 30/09/2024 : 24/09/2024 : 24/09/2024 : 20/09/2024 : Grab : 2 Ltr : NA	/0008/A /09/2024
S.No.	Test Parameters	Test Method	Resu	lts	Units	Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS: 3025 (P-11): 2022	7.2	3	-	6.5 to 8.5	No Relaxation
2	Turbidity	IS: 3025: (P-10) 2023	*BLQ(**L(DQ-1.0)	NTU	1	5
3	Total Hardness (as CaCC	3) IS: 3025 (P-21): 2009, RA 2019	201	0	mg/l	200	600
4	Calcium (as Ca)	15: 3025 (P- 40): 1991 RA 2019	54.	9	mg/l	75	200
5	Total Alkalinity (as CaCO	3) IS: 3025 (P-23): 2023	186	0	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	106	0	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46). 2023	15.5	56	mg/l	30	100
8	Total Dissolved Solids	IS :3025 (P-16) 2023	560	.0	mg/l	500	2000
9	Sulphate (as SO4)	IS 3025 (P-24) Sec -1 2022	34.5	55	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition .4500FD :2017	0.5	5	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	20,	10	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 3111B,2017	0.3	6	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LC	00-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition. 4500B.2017	"BLQ(""L	00-0.2)	mg/l	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLQ("LC	00-0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.	13	mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ(""L	00-0.02)	mg/l	0.05	1.5





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Experier Sampl	toe the unimaginable e Number : VTL/W/02		ULR No Report		: TC112272400 : VTL/W/24092	
S.No.	Test Parameters	Test Method	Results	Units	IS:105	00-2012
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/i	0.1	0.3
19	Selenium (as Se)	APHA 23rd Edition, 3114C. 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	rng/l	0.01	No Relaxation
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-
22	E Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA :2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
26	Faecal Coliform	IS :1622 :1981 RA 2019	Absent	MPN	*	

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Sampl	e Number : VTL/W/02			Report No.	: VTL/W/24092	400000
	& Address of the Party	: M/s Adani Power Limited				40008/8
	a conservation of the server	The first family is a set of a	1.1. N	Format No	; 7.8 F-01	
		Village- Chhote Bhandar, Post- B Tehsil- Pussore Dist Raigarh 49		Party Reference No	I : NIL	
		Tensie Tessore Disc- Ragan 43	o too cinausgam	Report Date	: 30/09/2024	
	as contin		r -	Period of Analysis	: 24/09/2024-3	0/09/2024
1000	le Description	: Water Sample		Receipt Date	: 24/09/2024	
Sampl	ling Location	: Village - Chote Bhandar		Sampling Date	: 20/09/2024	
Sampl	le Collected By	: VTL Team		Sampling Type	Grab	
Prese	rvation	: Suitable Preservation		Sample Quantity	: 2 Ltr.	
Metho	d of sampling	: IS :3025		Coordinates	: NA	
S.No.	Test Parameters	Test Method	Resu	ts Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
1	Colour	IS 3025 (P-4) 2023	*BLQ(**LO	Q-5.0) Hazen	5	15
2	Odour	IS : 3025 (P-5) : 2018	Agreea	ble	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 2023	Agreea	ble -	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LOO	//gm (20.0-0	0.05	No Relaxation
5	Mineral Oil	IS 3025 (P-39) 1989	*BLQ(**LOO	2-0.05) mg/l	0.5	No Relaxation
6	Anionic Detergents (as MI	BAS) APHA 23rd Edition , 5540 2017	C *BLQ(**LOO	2-0.05) mg/l	0.2	1.0
7	Barium as Ba	APHA 23rd Edition,3111 2017	B *BLQ(**LOO	0-0.02) mg/t	0.7	No relaxation

""End of Report""





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Sampl Name Sampl Sampl Sampl Preset	e Description Ing Location le Collected By rvation	M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade E Tehsil- Pussore Dist,- Raigarh 496100 Water Sample Village - Bade Bhandar VTL Team Suitable Preservation IS :3025		Report 0 Period o Receipt Samplin Samplin	No. No eference No Date of Analysis Date g Date g Type Quantity	 TG112272400 VTL/W/24092 7.8 F-01 NIL 30/09/2024 24/09/2024-30 24/09/2024 20/09/2024 Grab 2 Ltr. NA 	40009/A
S.No.	Test Parameters	Test Method	Resul	ts	Units		00-2012 Permissible
		S. Law and the second				Limit	Limit
1	pH (at 25°C)	IS 3025 (P-11) 2022	7,40			6 5 to 8.5	No Relaxation
2	Turbidity	IS : 3025; (P-10) 2023	"BLQ("LO	Q-1 0)	NTU	1	5
3	Total Hardness (as CaCO3) IS: 3025 (P-21): 2009, RA 2019	254.0)	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	64.9		mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	207.0	10 A	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	142.0		mg/l	250	1000
7	Magnesium (as Mg)	IS 3025 (P-46). 2023	22.37		mg/i	30	100
8	Total Dissolved Solids	IS :3025 (P-16): 2023	620.0	r = -r	mg/i	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec -1 2022	36 45	100	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.60	1	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	24.8		mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 3111B.2017	0.35	1	mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ(""LOO	-0.03)	mg/i	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LOC	2-0.2)	mg/l	0.5	2.4
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	*BLQ(**LOQ	0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition 3030D, 3113 B _ 2017	0.47		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	*BLQ(**LOQ	-0 02)	mg/l	0.05	1.5





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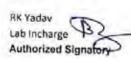
Sampi	Number VTL/W/02		ULR No Report		: TC112272400 ; VTL/W/24092	
S.No.	Test Parameters	Test Parameters Test Method	Results	Units	IS:10500-2012	
				12	Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	0.3
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec RA -2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	"BLQ(""LOQ-0.1)	mg/l	0.05	No Relaxation
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0
	Faecal Coliform	IS :1622 :1981 RA 2019	Absent	MPN/100 ml	+	

End of Report











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Samp	le Number : VTL/W/02			Report I	10	. VTLANDAOD	100000	
	& Address of the Party	: M/s Adam Power Limited		Format		: VTL/W/24092	40009/B	
		The second second second second second	Anna Chibata Bharadar Barat Bara Bara			: 7.8 F-01		
		Tehsil- Pussore Dist Raigarh 49610			ference No	: NIL		
			e e en ansgenn	Report (Date	: 30/09/2024		
	- Burnetter			Period c	f Analysis	: 24/09/2024-3	0/09/2024	
	le Description	: Water Sample		Receipt	Date	: 24/09/2024		
	ling Location	: Village - Bade Bhandar		Samplin	g Date	: 20/09/2024		
	le Collected By	: VTL Team		Samplin	g Type	Grab		
	rvation	: Suitable Preservation		Sample	Quantity			
Metho	d of sampling	: IS :3025		Coordin	ates	NA		
S.No.	Test Parameters	Test Method	Resul	llts Units		IS:10500-2012		
			11			Acceptable Limit	Permissible Limit	
1	Colour	IS: 3025:(P-4)2023	"BLQ(""LO	Q-5.0)	Hazen	5	15	
2	Odour	IS 3025 (P-5) 2018	Agreeat	ble		Agreeable	Agreeable	
3	Taste	IS :3025 (P-8): 2023	Agreeat	ole	-	Agreeable	Agreeable	
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LOC	0-0 02)	mg/l	0.05	No Relaxation	
5	Mineral Oil	IS 3025 (P-39) 1989	*8LQ(**LOC	-0.05)	mg/l	1.0	No Relaxation	
6	Anionic Detergents (as ME	BAS) APHA 23rd Edition , 5540C 2017	"BLQ(""LOO	-0.05)	mg/l	0.2	1.0	
7	Barium as Ba	APHA 23rd Edition.3111B 2017	"BLQ("LOO	-0.02)	mg/l	0,7	No relaxation	

End of Report





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TEST REPORT



Samp	le Number : VTL/W/09			Report No.	: VTL/W/240	9240014/B
Name & Address of the Party		: M/s Adani Pow	er Limited	Format No	7.8 F-01	
		Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No		
		Tehsil- Pussore	Dist Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
				Period of Analysis	: 24/09/2024	30/09/2024
Samp	le Description	: Water Sample		Receipt Date	: 24/09/2024	
Samp	ling Location	: Ash Pond		Sampling Date	: 20/09/2024	
Samp	le Collected By	: VTL Team		Sampling Type	: Grab	
Prese	rvation	: Suitable Preser	vation	Sample Quantity	: 2 Ltr.	
Metho	od of sampling	: IS 3025		Coordinates	:NA	
S.No.	Test Param	eters	Test Method	Resul	ts	Units
1	Colour		IS 3025 (P-4) 2021	"BLQ(""LO	Q-5.0)	Hazen
2	Odour	-	«IS: 3025 (P-5) 2018	Agreea	ble	
3	Taste		IS : 3025 (P-8) 2023	Agreea	ble	-
4	Residual Free Chlorine (R	RFC)	IS : 3025 (P-26) :2021	"BLQ("LO	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LO	2-0.02)	mg/l
6	Aluminium (as Al)		IS 3025 : (P-55) 2003, RA 2019	BLQ(**LO	2-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LO	Q-0.3)	mg/l
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	"BLQ(""LOO	2 0.05)	mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report





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	ence the unimaginable" le Number : VTLAW/10			ULR No.		: TC112272400	
		M/s Adam Power Limited Village- Chhote Bhandar, Post- Bade E		Report N Format I Party Re		: VTLW/24092 ; 7.8 F-01 ; NIL	40015/A
		Tehsil- Pussore Dist - Raigarh 496100	Chhattisgarh	Report D	Date	: 30/09/2024	
3	a de la construit de la constr			Period o	f Analysis	: 24/09/2024-30	0/09/2024
- · · · · · ·	and the state of t	Water Sample		Receipt		: 24/09/2024	
1		: Piezometer-2		Samplin		7 20/09/2024	
1.		: VTL Team		Samplin Sample		: Grab	
		Suitable Preservation		100		: 2 Ltr.	
S.No			-	Coordina	1	:NA	
0.110	. rest Parameters	Test Method	Resu	Its	Units	IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25"C)	IS: 3025 (P-11): 2022	7.73			6.5 to 8.5	No Relaxation
2	Turbidity	IS : 3025 (P-10) 2023	"BLQ("LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO)	3) IS 3025 (P-21) 2009, RA 2019	340.0)	mg/l	200	600
4	Calcium (as Ca)	IS 3025 (P- 40) 1991 RA 2019	85.6	(*	mg/l	75	200
5	Total Alkalinity (as CaCO3) IS: 3025 (P-23), 2023	225.0)	mg/l	200	600
6	Chloride (as CI)	IS: 3025 (P-32): 1988, RA 2019	149.0)	mg/i	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	30.72		mg/i	30	100
8	Total Dissolved Solids	IS :3025 (P-16); 2023	860.0)	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24). Sec -1 2022	60.10	1	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD 2017	0.41	1	mg/l	1.0.	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	40.8		mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.53		mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOC	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LO	2-0.2)	mg/l	0.5	1.0
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLQ("LOQ	-0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition.3030D, 3113 B . 2017	0.58		mgЛ	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	BLQ(**LOC	-0.02)	mg/l	0.05	1.5





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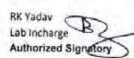


Sample	nce the unimaginable" Number: VTL/W/10		ULR No Report		: TC112272400 : VTL/W/24092	
S.No.	Test Parameters	Test Parameters Test Method	Results	Units	IS:10500-2012	
					Acceptable Limit	Permissible Limit
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/l	0.1	03
19	Selenium (as Se)	APHA 23rd Edition, 3114C. 2017	*BLQ(**LOQ-0.005)	mg/i	0.01	No Relaxation
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	-
22	E Coli	IS: 15185: 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA -2022	*BLQ(**LOQ-0.3)	mg/l	0.5	No Relaxation
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation
25	Free Residual Chlorine	IS 3025 (P-26):2021	"BLQ(""LOQ-0.2)	mg/l	0.2	1.0
26	Faecal Coliform	IS 1622 1981 RA 2019	Absent	MPN/100 ml	*	200

"End of Report"









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Name Sampl Sampl Sampl Preser	e Number : VTL/W/10 & Address of the Party e Description ing Location e Collected By rvation d of sampling	: M/s Adani Power Limited Village- Chhote Bhandar, Post- Ba Tehsil- Pussore Dist Raigarh 496 : Water Sample : Piezometer-2 : VTL Team : Suitable Preservation : IS :3025		Report No. Format No Party Referenc Report Date Period of Analy Receipt Date Sampling Date Sampling Type Sample Quanti	: 30/09/2024 sis : 24/09/2024- ; 24/09/2024 : 20/09/2024 : Grab : Y : 2 Ltr	
S.No.		The second	Resu	Coordinates Its Uni	; NA Is IS:10	500-2012
					Acceptable Limit	Permissible Limit
1	Colour	IS: 3025 (P-4)1983, RA 20	17 "BLQ("LC	Q-5.0) Haz	en 5	15
2	Odour	IS 3025 (P-5) 2018	Agreea	blo	Agreeable	Agreeable
3	Taste	IS :3025 (P-8): 2023	Agreea	ble	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition ,4500D,2017	*BLQ(**LO	Q-0.02) mg	// 0.05	No Relaxation
5	Mineral Oil	IS 3025 (P-39) 1989	*BLQ(**LO	Q-0.05) mg	0.5	No Relaxation
6	Anionic Detergents (as M	BAS) APHA 23rd Edition , 55400 2017	BLQ(**LO	2-0.05) mg	n 0.2	1.0
7	Barium as Ba	APHA 23rd Edition.31118 2017	B *BLQ(**LOO	2-0.02) mg/	0.7	No relaxation

End of Report





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Samp Samp Samp Samp Samp Prese Metho	The Description ling Location le Collected By rivation ind of sampling	: M/s Adani Power Limited Village- Chhote Bhandar, Post- Bade E Tehsil- Pussore Dist - Raigarh 496100 : Water Sample : Piezometer-3 : VTL Team : Suitable Preservation : IS 3025		Report I Period o Receipt Samplin Samplin	No. No aference No Date of Analysis Date ng Date ng Date og Type Quantity	 TC112272400 VTL/W/24092 7.8 F-01 NIL 30/09/2024 24/09/2024-30 24/09/2024 20/09/2024 20/09/2024 Grab 2 Ltr NA 	240016/A
S.No.	Test Parameters	Test Method	Resu	ts	Units	IS:105 Acceptable Limit	00-2012 Permissible Limit
1	pH (at 25*C)	IS: 3025 (P-11) 2022	7.62	-		651085	No Relaxation
2	Turbidity	IS : 3025: (P-10) 2023	"BLQ("LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO	3) IS 3025 (P-21): 2009, RA 2019	335.0)	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	73.8	1	mg/l	75	200
5	Total Alkalinity (as CaCO)	3) IS: 3025 (P-23), 2023	175.0)	mg/i	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	138.0)	mg/i	250	1000
7	Magnesium (as Mg)	IS: 3025 (P-46): 2023	36.66		mg/l	30	100
8	Total Dissolved Solids	IS 3025 (P-16): 2023	790.0	1	mg/l	500	2000
9	Sulphate (as SO4)	(S: 3025 (P-24) 1988, Sec -1 2022	46.50	r.	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.60		mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	27.60	()	mg/l	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition . 3111B,2017	0.42		mg/l	1.0	No Relaxation
13	Aluminium (as AJ)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOG	0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B.2017	"BLQ("LO	2-0.2)	mg/l	0.5	2.4
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C: 2017	"BLQ("LOQ	-0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition,3030D, 3113 B , 2017	0.52		mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B	"BLQ("LOC	0.021	mg/l	0.05	1.5





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"Experied Sample	nce the unimaginable" e Number : VTL/W/11		ULR No Report		TC1122724000002100F ; VTL/W/2409240016/A		
S.No.	Test Parameters	Test Method	Results	Units	IS:105	00-2012	
					Acceptable Limit	Permissible Limit	
17		2017					
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0.05)	mg/i	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/i	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C. 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 mi sample	7	
22	E.Coli	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	*BLQ(**LOQ-0.3)	/mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) :1986 RA 2019 Idometric	*BLQ(**LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26):2021	*BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

End of Report





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Sampl	e Number : VTL/W/11				Report	No	: VTL/W/24092	40016/B	
Name & Address of the Party		Mis Adani Powe	r Limited		Format		- 7.8 F-01		
		Village- Chhote	Bhandar, Post- Bade	Bhandar,	Party Reference No		: NIL		
			Dist - Raigarh 496100		Report		: 30/09/2024		
						of Analysis			
Sampl	e Description	: Water Sample			Receipt		: 24/09/2024-30 : 24/09/2024	109/2024	
Sampl	ing Location	: Piezometer-3			Samplin		: 20/09/2024		
Sampl	e Collected By	: VTL Team			Samplin		: Grab		
Preser	vation	: Suitable Preserv	ation		10.000	Quantity	2 Ltr.		
Metho	d of sampling	: IS :3025			Coordin	ates	: NA		
S.No.	Test Parameters		est Method	Resu		1			
	restratameters		est method	Results		Units	IS:10500-2012		
							Acceptable Limit	Permissible Limit	
1	Colour	IS ; 3	025:(P-4) 2023	"BLQ("LO	Q-5.0)	Hazen	5	15	
2	Odour	IS 3	025 (P-5) : 2018	Agreea	ble		Agreeable	Agreeable	
3	Taste	IS :3	025 (P-8): 2023	Agreea	ble	*	Agreeable	Agreeable	
4	Cyanide (as CN)		A 23rd Edition 4500D,2017	BLOC.FO	0-0.02)	mg/l	0.05	No Relaxation	
5	Mineral Oil	IS 30	025 (P-39) 1989	*BLQ(**LO	Q-0.05)	mg/l	1.0	No Relaxation	
6	Anionic Detergents (as M	BAS) APHA 2	3rd Edition , 5540C 2017	*BLQ(**LOO	Q-0.05)	/ng/l	0.2	1.0	
7	Barium as Ba	APHA :	23rd Edition,3111B 2017	"BLQ(""LOO	Q-0.02)	mg/l	0.7	No relaxation	

""End of Report""





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TEST REPORT





Samp Samp Name Samp Samp	le Number : VTLW/12 & Address of the Party	: M/s Adani Power Limited Village- Chhote Bhandar. Post- Bade B Tehsil- Pussore Dist - Raigarh 496100 : Water Sample : Piezometer-4 : VTL Team		Report I	No. No eference No Date of Analysis Date g Date	 TC112272400 VTL/W/24092 7.8 F-01 NIL 30/09/2024 24/09/2024-30 24/09/2024 20/09/2024 20/09/2024 Grab 	240017/A
		: Suitable Preservation		Sample	Quantity	: 2 Ltr.	
	d of sampling	; IS :3025		Coordin	ates	; NA	
S.No	Test Parameters	Test Method	Resul	its	Units	IS:105	00-2012
						Acceptable Limit	Permissible Limit
1	pH (at 25°C)	IS: 3025 (P-11) : 2022	7,43		1.501	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (P-10) 2023	"BLQ(""LO	Q-1.0)	NTU	1	5
3	Total Hardness (as CaCO	3) IS: 3025 (P-21): 2009, RA 2019	271.0)	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (P- 40): 1991 RA 2019	62.8	1	mg/l	75	200
5	Total Alkalinity (as CaCOS) IS: 3025 (P-23): 2023	163.0)	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	123 (mg/i	250	1000
7	Magnesium (as Mg)	IS. 3025 (P-46) 2023	27.78		mg/l	30	100
В	Total Dissolved Solids	IS :3025 (P-16): 2023	680.0	1	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (P-24): Sec -1 2022	36.5		mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition ,4500FD :2017	0.55	2	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (P-34): 1988	24.8		rog/I	45.0	No Relaxation
12	Iron (as Fe)	APHA 23rd Edition , 3111B,2017	0.43		mg/l	1.0	No Relaxation
13	Aluminium (as Al)	IS 3025 (P-55): 2003, RA 2019	"BLQ("LOO	-0.03)	mg/l	0.03	0.2
14	Boron (as B)	APHA 23rd Edition, 4500B,2017	*BLQ(**LO	2-0.2)	mg/l	0.5	2.4
15	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 5530C; 2017	*BLQ(**LOQ	0.001)	mg/l	0.001	0.002
16	Zinc (as Zn)	APHA 23rd Edition 3030D, 3113 B , 2017	0.48	-	mg/l	5.0	15.0
17	Copper (as Cu)	APHA 23rd Edition 3111B 2017	"BLQ("LOO	-0.02)	mg/l	0.05	1.5





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	nce the unimaginable" e Number : VTL/W/12		ULR No Report		: TC1122724000002101F : VTL/W/2409240017/A		
S.No.	Test Parameters	Test Parameters Test Method		Units	IS:10500-2012		
		-			Acceptable Limit	Permissible Limit	
18	Manganese (as Mn)	APHA 23rd Edition, 3030D, 3111 B, 2017	*BLQ(**LOQ-0 05)	mg/l	0.1	0.3	
19	Selenium (as Se)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
20	Arsenic (as As)	APHA 23rd Edition, 3114C, 2017	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation	
21	Total Coliform	IS : 15185 : 2016	Absent	per 100 ml	Shall not be detectable in any 100 ml sample	-	
22	E.Coll	IS : 15185 : 2016	Absent	per 100 mi	Shall not be detectable in any 100 ml sample	-	
23	Ammonia (as N)	IS-3025 (P-34)- 1988,Sec. RA 2022	"BLQ(""LOQ-0.3)	mg/l	0.5	No Relaxation	
24	Sulphide	IS 3025 (P-29) 1986 RA 2019 Idometric	'BLQ("'LOQ-0.1)	mg/l	0.05	No Relaxation	
25	Free Residual Chlorine	IS 3025 (P-26) 2021	"BLQ(**LOQ-0.2)	mg/l	0.2	1.0	

End of Report





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TEST REPORT



Sampl	e Number : VTL/W/12				Report	No	- VTLW/24092	40017/8
Name	& Address of the Party	: M/s	M/s Adani Power Limited		Format		- 7.8 F-01	
		Villa			Party Reference No		: NIL	
		Tehs	iil- Pussore Dist - Raigarh 496100	Chhattisgarh	Report		: 30/09/2024	
Sampl	e Description	* Wate	er Sample		Receipt	of Analysis	: 24/09/2024-30	/09/2024
0.00	ing Location	10100			Samplin	Per Inc Pr		
Sampl	e Collected By	: VTL	on restorment		Samplin		: 20/09/2024 : Grab	
	vation		able Preservation		1	Quantity	= 2 Ltr	
Metho	d of sampling	: IS :3	and the strategy		Coordin		: NA	
S.No.	Tost Parameter		Test Method			1		
J.140.	Test Parameters		rest Method	Results		Units	IS:10500-2012	
							Acceptable Limit	Permissible Limit
1	Colour		IS: 3025:(P-4) 2023	"BLQ("LO	Q-5.0)	Hazen	5	15
2	Odour		IS : 3025 (P-5) : 2018	Agreea	ble	-	Agreeable	Agreeable
3	Taste		IS :3025 (P-8): 2023	Agreea	ble		Agreeable	Agreeable
4	Cyanide (as CN)		APHA 23rd Edition ,4500D,2017	*BLQ(**LO	2-0.02)	mg/l	0.05	No Relaxation
5	Mineral Oil		IS 3025 (P-39) 1989	*BLQ(**LO	2-0.05)	mg/l	1.0	No Relaxation
6	Anionic Detergents (as M	BAS)	APHA 23rd Edition . 5540C 2017	BLQ(**LO	2-0.05)	mg/l	0.2	1.0
7	Barium as Ba	-	APHA 23rd Edition,3111B 2017	*BLQ(**LO	2-0.02)	mg/l	0.7	No relaxation

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Experier	SKANI			ULR No.	: TC112272	4000002102F
Sample Number : VTL/SW/0 Name & Address of the Party		: M/s Adani Pov Village- Chhot	ver Limited e Bhandor, Post- Bade Bhandar. e Dist - Raigarh 496100 Chhattisgarh	Report No. Format No Party Reference No Report Date	: VTL/W/24 : 7.8 F-01 : NIL : 30/09/2024	
Sampl Sampl Presei	A Commenter	: SURFACE WA : Mahanadi Up 3 : VTL Team : Suitable Prese : IS :3025	Stream	Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates		4-30/09/2024 4
S.No.	Test Paramo	aters	Test Method	Resul	ts	Unit
1	pH value		IS: 3025 (P-11) 2022	7.43		-
2	Turbidity		IS 3025 (P- 10) 2023	5.4		NTU
3	Total Dissolved Solids (TD	S)	IS : 3025 (P-16) : 2023	420.0)	mg/l
4	Chloride (as Cl)		IS: 3025 (P-32) 1988, RA 2019	71.8	1	mg/l
5	Sulphate as (SO4)		IS: 3025 (P- 24) Sec -1 2022	25.4	_	mg/l
	Total Alkalinity (as CaCO)	3)	IS: 3025 (P- 23) : 2023	141.0)	mg/l
	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	112.0)	/lom
	Calcium (as Ca)		IS: 3025 (P-40) : 1991 RA 2019	34.6		mg/l
	Magnesium (as Mg)		IS: 3025 (P-46): 2023	6.24		mg/l
0	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.48	1	mg/l
1	Nitrate (as NO3)	-	IS: 3025 (P- 34) 1988 RA 2022	22.6	-	mg/i
2	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	"BLQ("LOG	-0.001)	mg/l
3	Fecal Coliform		IS:1622 :2009	29		MPN/100ml
4	Total Coliform	-	IS 15185: 2016	Preser	nt	A-P/100ml
5	Iron (as Fe)		APHA 23rd Edition.31118, 2017	0.46	1	mg/l
6	Zinc (as Zn)		APHA 23rd Edition, 3030D,3113B 2017	0.64	32.14	
7	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	*BLQ(**LOG	2-0.02)	mg/l
8	Manganese (as Mn)		APHA 23rd Edition, 3030D,3113B 2017	*BLQ(**LOG	0-0.05)	mg/l
9	Arsenic (as As)		APHA 23rd Edition. 3030D.3114C 2017	*BLQ(**LOQ	+0.005)	mg/l
0	E Coli		IS .15185 : 2016	Presen	t	P-A/100 ML
1	Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ(""LOO	2-0.2)	mg/l
2	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	"BLQ("LOQ		mg/l





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TEST REPORT



ULR No.

Report No.

: TC1122724000002102F : VTL/W/2409240018/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report









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Samp	le Number : VTL/SW/0	1		Report No.	: VTL/W/240	9240018/B
Name	& Address of the Party	: M/s Adani Pow	er Limited	Format No	- 78F-01	10.12.2.2
	a second a s		Village- Chhote Bhandar, Post- Bade Bhandar,		: NIL	
		Tehsil- Pussore	Dist Raigarh 496100 Chhattisgarn	Report Date	: 30/09/2024	
				Period of Analysis	: 24/09/2024	30/09/2024
Samp	le Description	SURFACE WA	TER	Receipt Date	: 24/09/2024 : 20/09/2024	
Samp	ling Location	: Mahanadi Up S	Iream	Sampling Date		
Samp	Sample Collected By : VTL Team			Sampling Type	Grab	
Preservation : Suitable Preservation		vation	Sample Quantity	: 2 Ltr.		
Metho	od of sampling	: IS :3025		Coordinates	:NA	
S.No.	Test Param	eters	Test Method	Resul	Its	Unit
1	Colour		IS: 3025 (P-4) 2021	"BLQ(""LO	Q-5.0)	Hazen
2	Odour		IS: 3025 (P-5) 2018	Agreea	ble	-
3	Taste		IS : 3025 (P-8) : 2023	Agreea	ble	(4)
4	Residual Free Chlorine (R	(FC)	15 : 3025 (P-26) :2021	"BLQ("LO	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LOO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS 3025 (P-55) 2003. RA 2019	BLQ("LOO	2-0.03)	mg/l
7	Ammonia (as NH3)		IS 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LO	Q-0.3)	mg/l
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	"BLQ(""LOO	2 0.05)	mg/l

End of Report

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VIBRANI			ULR No.	: TC112272	4000002103F
"Experience the unimaginable" Sample Number : VTL/SW/02		Report No.	: VTL/W/2409240019/A		
Name & Address of the P	Village- Chi	Power Limited note Bhandar, Post- Bade Bhandar, sore Dist Raigarh 496100 Chhaltisgarh	Format No Party Reference No Report Date	: 7.8 F-01 : NIL : 30/09/2024	
Sample Description Sampling Location Sample Collected By Preservation Method of sampling	: SURFACE : Mahanadi D : VTL Team : Suitable Pro : IS :3025	Down Stream	Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: 24/09/2024 : 24/09/2024 : 20/09/2024 : Grab : 2 Ltr : NA	
S.No. Test P	arameters	Test Method	Resu	Its	Unit
1 pH value		IS 3025 (P-11): 2022	7.50)	. *
2 Turbldity		IS : 3025 (P+ 10) : 2023	8.0	1	NTU
3 Total Dissolved Sol	ds (TDS)	IS : 3025 (P-16) : 2023	615.0	615.0	
4 Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019	82.0	82.0	
5 Sulphate as (SO4)	100	IS: 3025 (P-24) Sec -1 2022	49.0	49.0	
Total Alkalinity (as	CaCO3)	IS: 3025 (P- 23) 2023	149.0	149.0	
Total Hardness (Ga	(CO3)	IS: 3025 (P- 21) : 2009, RA 2019	185.0	185.0	
3 Calcium (as Ca)		IS: 3025 (P-40) 1991 RA 2019	46.5	1	mg/i
Magnesium (as Mg)		IS 3025 (P-46) 2023	16.76	5	mg/l
0 Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.63		mg/l
11 Nitrate (as NO3)		IS 3025 (P- 34) 1988 RA 2022	28.9	1	mg/i
12 Phenolic compound	s	APHA 23rd Edition, 5530C, 2017	"BLQ(""LOO	*BLQ(**LOQ-0.001)	
13 Fecal Coliform		IS:1622 :2009	38		
14 Total Coliform		IS 15185; 2016	Prese	Present	
15 Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.58	0.58	
16 Zinc (as Zn)	1	APHA 23rd Edition, 3030D,31138 2017	3. 0.70	0.70	
7 Copper (as Cu)		APHA 23rd edition, 3111B, 2017	"BLQ("LOO	*BLQ(**LOQ-0.02)	
8 Manganese (as Mn)		APHA 23rd Edition, 3030D,3113B 2017	BLQ("LOO	*BLQ(**LOQ-0.05)	
19 Arsenic (as As)		APHA 23rd Edition, 3030D,31140 2017	*BLQ(**LOQ-0.005)		mg/l
20 E Coli		IS :15185 : 2016	Present		P-A/100 ML
21 Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	*BLQ(**LOQ-0.2)	
22 Selenium (as Se)		APHA 23rd Edition,3114C, 2017	"BLQ("LOG	2-0.005)	rng/l





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TEST REPORT



ULR No. Report No. : TC1122724000002103F : VTL/W/2409240019/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

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Samp	le Number : VTL/SW/0	2		Report No.	; VTL/W/2409	240019/B
Name & Address of the Party		: M/s Adani Pow	er Limited,	Format No	7.8 F-01	
		Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No		
		Tehsil- Pussore	Dist Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
				Period of Analysis	: 24/09/2024-	30/09/2024
Sample Description : SURFACE WAT Sampling Location : Mahanadi Dowr Sample Collected By : VTL Team		TER	Receipt Date	: 24/09/2024		
		Stream	Sampling Date	ling Date : 20/09/2024		
			Sampling Type	Grab		
Prese	rvation	: Suitable Preser	vation	Sample Quantity	: 2 Ltr.	
Metho	od of sampling	: IS :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resu	Its	Unit
1	Colour		IS : 3025 (P-4) ; 2021	"BLQ("LO	Q-5.0)	Hazen
2	Odour		IS: 3025 (P-5): 2018	Agreea	ble	-
3	Taste		IS : 3025 (P-8) : 2023	Agreea	Agreeable	
4	Residual Free Chlorine (F	RFC)	IS : 3025 (P-26) :2021	"BLQ("LC	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS : 3925 : (P-55) 2003, RA 2019	BLQ("LO	Q-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 "BLQ("LC	Q-0.3)	mg/l
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	*BLQ(**LO	Q 0.05)	mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report





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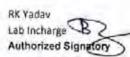




Fanaria	BRANI			ULR No.	: TC112272	4000002104F
Samp	le Number : VTL/SW/03			Report No.	: VTL/W/240	09240020/A
Name & Address of the Party		A CONTRACTOR OF A	CAL TRUNKA b	Format No	; 7.8 F-01	
		Village- Chhol	e Bhandar, Post- Bade Bhandar.	Party Reference No	: NIL	
		Tensil- Pusso	re Dist - Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
				Period of Analysis	: 24/09/2024	-30/09/2024
1000	le Description	SURFACE W	ATER	Receipt Date	: 24/09/2024	6 C
10.00	ling Location	: Mand River D	own Stream	Sampling Date	: 20/09/2024	
	le Collected By	: VTL Team		Sampling Type	: Grab	
	rvation	: Suitable Prese	ervation	Sample Quantity	:2 Ltt	
S.No.	od of sampling	: 15 -3025	1	Coordinates	÷ NA	
5.NO.		eters	. Test Method	Resu	17 C	Unit
	pH value		IS: 3025 (P-11): 2022	7.60		
2	Turbidity		IS: 3025 (P-10): 2023	8.0	_	NTU
3	Total Dissolved Solids (TD)S)	IS 3025 (P-16) 2023	546.0	0	mg/l
4	Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019	91,5	ei	mg/l
5	Sulphate as (SO4)		IS: 3025 (P-24) : Sec1 2022	49.3	NC	mg/l
5	Total Alkalinity (as CaCO3)		IS: 3025 (P- 23) 2023	176.0)	mg/l
7	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	193.0)	mg/l
8	Calcium (as Ca)		IS 3025 (P-40) 1991 RA 2019	57.9		mg/l
9	Magnesium (as Mg)	· · · · · · · · · · · · · · · · · · ·	IS 3025 (P-46) : 2023	11.79	9	mg/l
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.98		mg/l
11	Nitrate (as NO3)		IS: 3025 (P- 34) : 1988 RA 2022	49.5		mg/l
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	"BLQ(""LOO	-0.001)	mg/l
13	Fecal Coliform		IS:1622 :2009	51		MPN/100ml
14	Total Coliform		IS 15185; 2016	Prese	nt	A-P/100ml
15	Iron (as Fe)		APHA 23rd Edition, 3111B, 2017	0.71	· · · · · · · · · · · · · · · · · · ·	mg/l
16	Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	0.89		mg/l
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	*BLQ{**LOC	2-0.02)	mg/l
18	Manganese (as Mn)		APHA 23rd Edition, 3030D,3113B 2017	*BLQ(**LOC	2-0.05)	mg/ł
9	Arsenic (as As)		APHA 23rd Edition, 3030D,3114C 2017	. •BLQ(**LOC	-0.005)	mg/l
20	E Coli		IS :15185 : 2016	Preser	nt	P-A/100 ml
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	Q-0.2)	mg/l
22	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	*BLQ(**LOQ	-0.005)	mg/l









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TEST REPORT



ULR No. Report No. : TC1122724000002104F ; VTL/W/2409240020/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report











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Samp	ble Number : VTL/SW/0	3		Report No.	: VTLW/240	9240020/B
Name	& Address of the Party	: M/s Adani Pow	er Limited	Format No	. 78 F-01	
		Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No	and control were as	
		Tehsil- Pusson	e Dist Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
	Sector President Street and and			Period of Analysis	: 24/09/2024	30/09/2024
Sample Description : SURFACE WA		TER	Receipt Date	: 24/09/2024		
Samp	ling Location	: Mand River Do	wn Stream	Sampling Date	: 20/09/2024	
Samp	ole Collected By	: VTL Team		Sampling Type	: Grab	
Prese	ervation	: Suitable Prese	rvation	Sample Quantity	12 Ltr.	
Metho	od of sampling	: IS :3025		Coordinates	: NA	
S.No	. Test Param	eters	Test Method	Resu	ts	Unit
1	Colour		IS: 3025 (P-4) 2021	"BLQ(""LO	Q-5.0)	Hazen
2	Odour	S	IS 3025 (P-5) 2018	Agreea	ble	
3	Taste		IS 3025 (P-8) 2023	Agreea	Agreeable	
4	Residual Free Chlorine (R	FC)	IS : 3025 (P-26) :2021	"BLQ(""LO	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ(""LOO	2-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 2019	BLQ(**LOG	2-0.03)	rng/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LO	Q-0,3)	mg/l
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	"BLQ(""LOO	2 0 05)	mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

"End of Report"





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TEST REPORT





	SKAN I			ULR No.	: TC1122724	4000002105F	
	le Number : VTL/SW/	04		Report No.	: VTL/W/240	9240021/A	
Name & Address of the Party - M/s Adani Powe Village- Chhote		ess of the Party ; M/s Adani Power Limited Format No		Party Reference No	7.8 F-01		
Samp Samp Prese	le Description Iling Location le Collected By rvation od of sampling	: SURFACE : Mand River : VTL Team : Suitable Pre : IS :3025	UP Stream	Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: 24/09/2024 1 24/09/2024 2 20/09/2024 : Grab : 2 Ltr : NA		
S.No.	Test Parar	neters	Test Method	Resu	its	Unit	
1	pH value		IS 3025 (P-11) 2022	7.13	3	ų.	
2	Turbidity		IS 3025 (P-10) 2023	59	1	NTU	
3	Total Dissolved Solids (TDS)	IS: 3025 (P-16) 2023	570,	0	mg/l	
4	Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019	54.7	7	mg/l	
6	Sulphate as (SO4)		IS: 3025 (P- 24) : Sec1 2022	31.6	3	mg/l	
6	Total Alkalinity (as CaC	:03)	IS: 3025 (P-23) : 2023	98.0)	mg/l	
7	Total Hardness (CaCO	3)	IS: 3025 (P- 21) 2009, RA 2019	136.	0	mg/l	
8	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	41.5	5	mg/l	
9	Magnesium (as Mg)		IS: 3025 (P- 46): 2023	7.89	9	mg/l	
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.47	7	mg/l	
11	Nitrate (as NO3)	-	IS: 3025 (P- 34) 1988 RA 2022	25.5)	mg/l	
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	"BLQ("LOG	2-0.001)	mg/l	
13	Fecal Coliform		IS 1622 2009	32		MPN/100m	
14	Total Coliform		IS 15185; 2016	Preso	ent	A-P/100ml	
15	Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.34	8	mg/l	
16	Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	B. 0.47	7	mg/i	
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2013	7 *BLQ(**LO	Q-0.02)	mg/l	
18	Manganese (as Mn)		APHA 23rd Edition, 3030D,31138 2017	B, "BLQ("LO	Q-0.05)	mg/l	
19	Arsenic (as As)		APHA 23rd Edition, 3030D,31144 2017	C. BLQ("LO	Q-0.005)	mg/l	
20	E Coli		IS 15185 2016	Prese	Ine	P-A/100 ml	
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ("LQ	00-0.2)	mg/l	
22	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	7 'BLQ("LO	Q-0.005)	mg/l	





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TEST REPORT



ULR No.

Report No.

: TC1122724000002105F : VTL/W/2409240021/A

*BLO Blow limit of Quantification **LOQ Limit of Quantification

End of Report





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Samp	le Number : VTL/SW/0	4		Report No.	: VTL/W/240	9240021/B
Name	Name & Address of the Party : M/s Adani		er Limited	Format No	- 7.8 F-01	
		Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No		
		Tehsil- Pussore	e Dist Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
				Period of Analysis	: 24/09/2024-	30/09/2024
Samp	le Description	: SURFACE WA	TER	Receipt Date	: 24/09/2024	
Sampling Location : Mand River UP		Stream	Sampling Date	a second s		
Samp	le Collected By	: VTL Team		Sampling Type	: Grab	
Prese	rvation	: Suitable Freser	rvation	Sample Quantity	: 2 Ltr.	
Metho	od of sampling	: IS :3025	and the second se	Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resu	Its	Unit
1	Colour		IS 3025 (P-4) 2021	*BLQ(**LC	00-5.0)	Hazen
2	Odour		IS: 3025 (P-5) 2018	Agreea	able	-
3	Taste		IS : 3025 (P-8)	Agreea	Agreeable	
4	Residual Free Chlorine (F	RFC)	IS : 3025 (P-26) :2021	*BLQ(**LC	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 2019	BLQ("LO	Q-0.03)	mg/l
7	Ammonia (as NH3)		IS : 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LC	Q-0.3)	mg/l
0	Anionic Detergents (MBA	C 1	APHA 23rd ed., 2017, 5530C	"BLQ(""LO		mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

""End of Report""





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Experience the unimaginable	TL/SW/05		ULR No.		4000002106F
Name & Address of the	and the second second second	Power Limited	Report No.	: VTL/W/24	09240022/A
and a Address of the	and a secondary	hote Bhandar, Post- Bade Bhandar,	Format No Party Reference No	: 7.8 F-01	
		ssore Dist - Raigarh 496100 Chhattisgarh	Report Date	; 30/09/202	
			Period of Analysis		4-30/09/2024
Sample Description	: SURFACE	WATER	Receipt Date	: 24/09/202	
Sampling Location	: Amli Bhaw	an pond	Sampling Date	: 20/09/202	
Sample Collected By	: VTL Team		Sampling Type	: Grab	
Preservation	: Suitable Pr	reservation	Sample Quantity	= 2 Ltr.	
Method of sampling	: IS 3025		Coordinates	:NA	
S.No. Test	Parameters	Test Method	Resu	lts	Unit
pH value		IS 3025 (P-11): 2022	7.47	7	
2 Turbidity		IS : 3025 (P- 10) : 2023	6.5	1	NTU
3 Total Dissolved S	folids (TDS)	IS : 3025 (P-16) : 2023	515.	0	mg/l
Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019	84.5	5	mg/l
Sulphate as (SO4	()	IS: 3025 (P- 24) Sec1 2022	53.6		mg/l
Total Alkalinity (a	as CaCO3)	IS: 3025 (P- 23) 2023	143.	0	mg/l
Total Hardness (CaCO3)	IS: 3025 (P- 21) 2009. RA 2019	206	0	mġ/l
Calcium (as Ca)	1. Sec. 1. Sec. 1.	IS: 3025 (P-40) 1991 RA 2019	67.8	1	mg/l
Magnesium (as M	Ng)	IS : 3025 (P- 46) : 2023	8.95		mg/l
0 Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.88		mg/l
1 Nitrate (as NO3)		IS: 3025 (P- 34) 1988 RA 2022	34.3		mg/l
2 Phenolic compou	nds	APHA 23rd Edition, 5530C, 2017	"BLQ("LOO	2-0.001)	mg/l
3 Fecal Coliform		IS 1622 :2009	42		MPN/100ml
4 Total Coliform		IS 15185; 2016	Prese	nt	A-P/100ml
5 Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.49	8	mg/i
6 Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	0.68		mg/l
7 Copper (as Cu)		APHA 23rd edition, 3111B, 2017	BLQ(**LO	Q-0.02)	mg/l
8 Manganese (as M	(n)	APHA 23rd Edition, 3030D,3113B 2017	BLQ("LO	2-0.05)	mg/l
9 Arsenic (as As)		APHA 23rd Edition, 3030D,31140 2017	BLQ("LOO	2-0.005)	mg/l
0 E Coli		IS :15185 2016	Prese	nt	P-A/100 ml
1 Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ(""LO	Q-0.2)	mg/i
2 Selenium (as Se)		APHA 23rd Edition 3114C, 2017	"BLQ("LOC	-0.005)	mg/l





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ULR No. Report No. TC1122724000002106F VTLW/2409240022/A

*BLO Blow limit of Quantification **LOQ Limit of Quantification

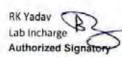
End of Report













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Samp	le Number : VTL/SW/0	5		Report No.	: VTL/W/240	9240022/B
Name & Address of the Party : M/s		: M/s Adani Pow	er Limited	Format No	+ 7.8 F-01	
			Village- Chhote Bhandar, Post- Bade Bhandar,		: NIL	
		Tehsil- Pussore	2 Dist Raigarn 496100 Chhattisgarh	Report Date	: 30/09/2024	
Sample Description : SURFACE WA Sampling Location : Amli Bhawan p				Period of Analysis	: 24/09/2024-	30/09/2024
		TER	Receipt Date	: 24/09/2024		
		ond	Sampling Date	: 20/09/2024		
Samp	le Collected By	: VTL Team		Sampling Type	: Grab	
Prese	rvation	: Suitable Preser	vation	Sample Quantity	: 2 Ltr	
Metho	od of sampling	: IS :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resu	Its	Unit
1	Colour		IS : 3025 (P-4) 2021	"BLQ("LC	Q-5.0)	Hazen
2	Odour		IS : 3025 (P-5) 2018	Agreea	ble	-
3	Taste		IS : 3025 (P-8) : 2023	Agreea	ble	~
4	Residual Free Chlorine (R	FC)	IS 3025 (P-26) 2021	"BLQ(""LO	Q-0.2)	mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LO	Q-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 (P-55) 2003, RA 2019	BLQ("LO	Q-0.03)	mg/l
7	Ammonia (as NH3)		IS 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LO	Q-0.3)	mg/l
8	Anionic Detergents (MBA	S)	APHA 23rd ed., 2017, 5530C	*BLQ(**LO	0 0.05)	mg/l

"BLQ Blow limit of Quantification "LOQ Limit of Quantification

End of Report





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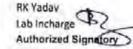




Sampi Sampi Sampi Sampi Sampi Presei	RANT a Number : VTL/SW/0; & Address of the Party be Description ling Location le Collected By rvation d of sampling	: M/s Adani Pov Village- Chhot	e Bhandar, Post- Bade Bhandar, e Dist Raigarh 496100 Chhattisgarh ATER Pond	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates.	: VTL/W/24 : 7.8 F-01 : NIL : 30/09/2024	4 4-30/09/2024 4
S.No.	Test Parame	eters	Test Method	Resu	ilts	Unit
1	pH value		IS 3025 (P-11): 2022	7.6	6	-
2	Turbidity		IS: 3025 (P-10): 2023	6.8	1	NTU
3	Total Dissolved Solids (TD)S)	IS : 3025 (P-16) : 2023	480	0	mg/l
4	Chloride (as Cl)		IS: 3025 (P-32) : 1988, RA 2019	87.5	9	mg/i
5	Sulphate as (SO4)	1000	IS: 3025 (P- 24) : Sec1 2022	43.0	5	mg/l
6	Total Alkalinity (as CaCO)	3)	IS: 3025 (P-23) 2023	169	0	mg/l
7	Total Hardness (CaCO3)	1	IS: 3025 (P- 21) : 2009, RA 2019	196	0	mg/l
8	Calcium (as Ca)		IS : 3025 (P-40) : 1991 RA 2019	53	1	mg/l
9	Magnesium (as Mg)		IS 3025 (P- 46) : 2023	15.4	3	mg/l
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.63	3	mg/l
11	Nitrate (as NO3)		IS 3025 (P+ 34) 1988 RA 2022	34.0	8	mg/l
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	"BLQ("LO	Q-0.001)	mg/l
13	Fecal Coliform		IS 1622 2009	45		MPN/100ml
14	Total Coliform		IS 15185; 2016	Prese	ent	A-P/100ml
15	Iron (as Fe)		APHA 23rd Edition,3111B, 2017	0.43	3	mg/l
16	Zinc (as Zn)		APHA 23rd Edition, 3030D,31138 2017	0.47	1	mg/l
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	"BLQ("LO	Q-0.02)	mg/l
16	Manganese (as Mn)		APHA 23rd Edition, 3030D,31138 2017	BLQ("LO	"BLQ("'LOQ-0.05)	
19	Arsenic (as As)		APHA 23rd Edition, 3030D.3114C 2017	*BLQ(**LOO	2-0.005)	mg/i
20	E Coli	_	IS :15185 : 2016	Prese	int	P-A/100 ml
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	*BLQ(**LC	Q-0.2)	mg/l
22	Selenium (as Se)		APHA 23rd Edition.3114C. 2017	"BLQ("LOC	2-0.005)	mg/l







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SW/07

ULR No. Report No. * TC1122724000002107F * VTL/W/2409240023/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

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	le Number : VTL/SW/0	7		Report No.	· VTL/W/240	9240023/B
Name	& Address of the Party	; M/s Adani Pow	ar Limited	Format No	7.8 F-01	-1
		Village- Chhote Bhandar, Post- Bade Bhandar		Party Reference No	D	
		Tehsil- Pusson	e Dist Ralgarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
				Period of Analysis	: 24/09/2024	-30/09/2024
Sample Description : SURFACE WATER Sampling Location : Kathli Village Pond			TER	Receipt Date	: 24/09/2024	
			ond	Sampling Date	: 20/09/2024	
Samp	le Collected By	: VTL Team		Sampling Type	Grab	
Prese	rvation	: Suitable Prese	rvation	Sample Quantity	: 2 Ltr.	
Methe	od of sampling	: IS :3025		Coordinates	: NA	
S.No.	Test Param	eters	Test Method	Resul	Its	Unit
1	Colour		IS : 3025 (P-4) : 2021	*BLQ(**LO	Q-5.0)	Hazen
2	Odour		IS: 3025 (P-5) 2018	Agreea	Agreeable	
3	Taste		IS : 3025 (P-8) : 2023	Agreea	Agreeable	
4	Residual Free Chlorine (R	FC)	IS : 3025 (P-26) :2021	"BLQ(""LO	"BLQ("LOQ-0.2)	
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LOO	2-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 2019			mg/l
7	Ammonia (as NH3)	2.50	IS : 3025 (P-34) 1988, Sec.4 RA 20	19 "BLQ("LO	Q-0.3)	mg/l
č.	Anionic Detergents (MBAS)		APHA 23rd ed., 2017, 5530C	*BLQ(**LOQ 0.05)		1

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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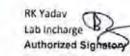




Experience Sampl Name Samp Sampl Sampl Prese	BRANT te unimeginoble" le Number : VTL/SW/04 & Address of the Party le Description ling Location le Collected By rvation d of sampling	: M/s Adam P Village- Chi	iote Bhandar, Post- Bade Bhandar, aore Dist Raigarh 496100 Chhattisgarh WATER lar Pond	ULR No. Report No. Format No Party Reference No Report Date Period of Analysis Receipt Date Sampling Date Sampling Type Sample Quantity Coordinates	: VTL/W/24 : 7.8 F-01 : NIL : 30/09/202	4-30/09/2024
S.No.	Test Parame	eters	Test Method	Resu	Its	Unit
1	pH value		IS: 3025 (P-11) 2022	7.0	2	**
2	Turbidity		IS : 3025 (P- 10) 2023	6.3		NTU
3	Total Dissolved Solids (TD	S)	IS : 3025 (P-16) : 2023	530	0	mg/l
4	Chloride (as CI)		IS: 3025 (P-32) 1988, RA 2019	72.0)	mg/l
5	Sulphate as (SO4)		IS: 3025 (P- 24): Sec1 2022	53.0)	mg/l
5	Total Alkalinity (as CaCO)	3)	IS: 3025 (P- 23) ; 2023	109.	0	mg/l
7	Total Hardness (CaCO3)		IS: 3025 (P- 21) : 2009, RA 2019	164.	0	mg/l
8	Calcium (as Ca)		IS 3025 (P-40) 1991 RA 2019	50 6	1	mg/l
9	Magnesium (as Mg)		IS : 3025 (P- 46) : 2023	9.17		mg/l
10	Fluoride (as F)		APHA 23rd Edition, 4500D, 2017	0.79	1	mg/l
11	Nitrate (as NO3)	-	IS: 3025 (P- 34) 1988 RA 2022	44.0)	mg/l
12	Phenolic compounds		APHA 23rd Edition, 5530C, 2017	*BLQ(**LOC	2-0.001)	mg/l
13	Fecal Coliform		IS:1622:2009	48	1.	MPN/100ml
14	Total Coliform		IS 15185; 2016	Prese	nt	A-P/100ml
16	Iron (as Fe)		APHA 23rd Edition;3111B, 2017	0.49	F	mg/l
	Zinc (as Zn)		APHA 23rd Edition, 3030D,3113B 2017	. 0.67		mg/l
17	Copper (as Cu)		APHA 23rd edition, 3111B, 2017	"BLQ("LO	Q-0 02)	mg/l
18	Manganese (as Mn)		APHA 23rd Edition, 3030D,3113B 2017	*BLQ(**LOO	Q-0.05)	mg/i
9	Arsenic (as As)		APHA 23rd Edition, 3030D,3114C 2017	*BLQ(**LOC	0-0.005)	mg/L
20	E Coli		IS 15185 : 2016	Prese	nt	P-A/100 ml
21	Boron (as B)		APHA 23rd Edition, 4500D, 2017	"BLQ(""LO	Q-0.2)	mg/l
22 :	Selenium (as Se)		APHA 23rd Edition,3114C, 2017	"BLQ("LOO	-0.005)	mg/l









Page No 1/2

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9929108691, 9810205356, B005707098, 9549956601

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TEST REPORT



ULR No. Report No. TC1122724000002108F
 VTL/W/2409240024/A

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

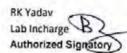
End of Report













Page No. 2/2

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	ple Number : VTL/SW/0	8		Report No.	: VTL/W/240	9240024/B
Name & Address of the Party		: M/s Adani Pov	ver Limited	Format No	. 7.8 F-01	
		Village- Chhote Bhandar, Post- Bade Bhandar,		Party Reference No		
		Tehsil- Pussor	e Dist Raigarh 496100 Chhattisgarh	Report Date	: 30/09/2024	
Sample Description : SURFACE WA				Period of Analysis	: 24/09/2024-	30/09/2024
			ATER	Receipt Date	: 24/09/2024 : 20/09/2024	
Sampling Location Bade Bhandar		Pond	Sampling Date			
Sam	ple Collected By	: VTL Team		Sampling Type	Grab	
Pres	ervation	: Suitable Prese	rvation	Sample Quantity		
Meth	od of sampling	115 :3025	and a second sec	Coordinates	: NA	
S.No	. Test Param	eters	Test Method	Resul	Its	Unit
1	Colour		IS : 3025 (P-4) 2021	*BLQ(**LO	Q-5.0)	Hazen
2	Odour		IS : 3025 (P-5) 2018	Agreeable		-
3	Taste		IS 3025 (P-8) 2023	Agreea	Agreeable	
4	Residual Free Chlorine (R	(FC)	IS : 3025 (P-26) .2021	*BLQ(**LOQ-0.2)		mg/l
5	Cyanide (as CN)		APHA 23rd Edition, 4500D, 2017	"BLQ("LOO	2-0.02)	mg/l
6	Aluminium (as Al)		IS : 3025 : (P-55) 2003, RA 2019	BLQ("LOO	2-0.03)	mg/l
7	Ammonia (as NH3)		IS: 3025 (P-34) 1988, Sec.4 RA 20	19 *BLQ(**LOQ-0.3)		mg/l
8	Anionic Detergents (MBAS)		APHA 23rd ed., 2017, 5530C	"BLQ(""LOQ 0.05)		mg/l

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

""End of Report""



RK Yadav
Lab Incharge B2
Authorized Signatory

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

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adani Foundation CSR REPORT

April 2024 to September 2024

Adani Power Limited Raigarh is (1x600MW) coal-based power plant, a unit of Adani Power Limited (APL) has always been committed to the cause of social service and successfully engaged with local communities and has implemented several schemes to address developmental needs of the communities.



Introduction:

APL, Raigarh erstwhile Korba West Power company Limited, a unit of Adani Power Limited (APL) is a 1X600 MW coal based thermal power plant. The plant is located at village-Chhote Bhandar, PO- Bade Bhandar, Tehsil-Pussore, District- Raigarh, Chhattisgarh. 15 KM from Pussore tehsil and 25 KM from Raigarh district headquarter. The plant is on the National Highway- 153 (erstwhile NH- 216), east end Raigarh and west end Sarangarh/Saraipali connecting to Raipur, the state capital. The nearest railhead is at Raigarh. The airport is at Jharsuguda 105 KM and Raipur airport is at 225 KM.

In the year 2019, Adani Power Limited acquired erstwhile Korba West Power company Limited through Hon. NCLT, Ahmedabad and renamed Raigarh Energy Generation Limited (REGL).

Adani Power has always been committed to the cause of social service and has repeatedly channelized a part of its resources and activities such that it positively affects society socially, ethically, and environmentally. The company has taken up various corporate social responsibility initiatives and enhanced value in the society.

With the enactment of the Companies Act, 2013 a broad framework of CSR has been provided in section 135, schedule VIII of the Act and CSR Rules effected from January 2014. Thereafter various amendments made in the CSR Rules. Therefore, the company has formulated a robust CSR policy which encompasses its philosophy and guides its sustained efforts for undertaking and supporting socially useful programs for the welfare and sustainable development of the society. To this, the CSR policy of APL approved by the Board of Directors on 6th August 2014.

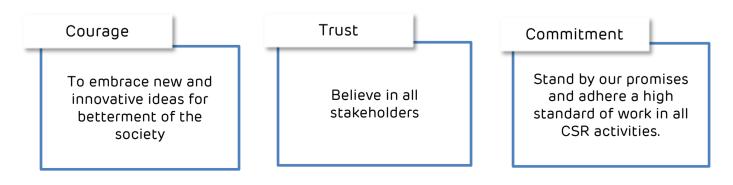
ADANI Foundation (AF) is the CSR arm of Adani Group of companies implementing CSR projects and activities at different locations in India focusing on Health, Education, Livelihood, Community Infrastructure Development, and Skill Development of the youths as specified in schedule VII of section 135 of Companies Act -2013 and CSR rules there under.

At APL, ADANI Foundation is implementing various CSR projects in 26 peripheral villages of the plant since acquisition of the plant.

Vision:

Improve Quality of life for all our communities through integrated and sustainable development

CSR & Group Values: -





1.1 Community Health: -<u>Mobile Health Care Unit (MHU):</u>

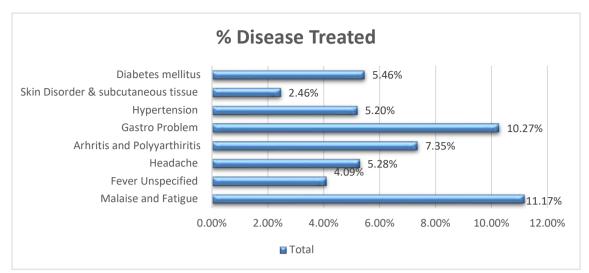
Ensuring healthy lives and promoting well-being at all ages is essential to meet one of the global agenda of sustainable development goals (SDGs) and we are committed for holistic development of the communities where we operate with an aim to meet goals of SDGs. Quality health care services available free of cost and promote preventive and curative services at the doorsteps of villagers through Mobile Healthcare Unit (MHU) is one of the objectives of the project. The project is operational in 23 peripheral villages, visits villages on fixed schedule.



A Total 347 nos. rural health camps were organized in 23 villages through Mobile Medical Health Care Unit (MHCU). Total of 14174 beneficiary took benefits from this camp. in which 7471 female and 6703 males were health checked, and free medicines were distributed. Mostly patients related to heat, fever, cold, Ortho related, anemia, constipation, skin diseases, worm infection, constipation, osteoporosis, body ache, worms, infection etc. are getting benefited. Free diagnosis for diabetes and blood pressure is also being done in the camp. Total 1096 new patients were registered.

Sr. No.	Name of Villages	Male	Female	Total
1	Bade Bhandar	630	468	1098
2	Chhote Bhandar	554	727	1281
3	Amlibhouna	513	484	997
4	Jevridih	186	287	473
5	Sarwani	367	492	859
6	Barpali	312	220	532
7	Kathli	476	423	899
8	Tupakdhar	224	333	557
9	Bunga	407	506	913
10	Ranbhatha	165	297	462
11	Taparda	208	249	457
12	Supa	218	322	540
13	Kotmara	228	177	405
14	Kalma	307	292	599
15	Chandli	221	288	509
16	Amlipali	343	336	679
17	Shankarpali	194	216	410
18	Pusalda	429	438	867
19	Jatri	215	276	491
20	Tilgi	276	342	618
21	Chikhali	101	133	234
22	Semra	114	149	263
23	Thengagudi	15	16	31
	Total	6703	7471	14174





Awareness sessions for preventive healthcare:

MHU team conducted total 86 awareness sessions during the village visit for health camp. The primary objective of these awareness sessions is to generate awareness among the community on various health issues like lifestyle diseases, skin, water born disease, care for COVID 19, Tuberculosis (TB), schemes run by the government and facilitate villagers to link with Ayushman Bharat Yojana etc. in which 1398 persons participated from 23 nearby villages. Conducted 26 Home visits by the MHCU team for patients unable to reach the health camp site and 01 patients were referred for secondary treatment.

Sr. No.	Village Name	Awareness Session	Person Participated
1	Bade Bhandar	4	57
2	Chhote Bhandar	5	76
3	Amlibhouna	5	70
4	Jevridih	4	56
5	Sarwani	4	61
6	Barpali	5	79
7	Kathli	5	75
8	Tupakdhar	4	61
9	Bunga	4	71
10	Ranbhatha	3	53
11	Taparda	4	52
12	Supa	4	88
13	Kotmara	4	60
14	Kalma	5	82
15	Chandli	6	97
16	Amlipali	5	73
17	Shankarpali	3	48
18	Pusalda	3	70
19	Jatri	4	65
20	Tilgi	5	104
21	Chikhali	0	0
22	Semra	0	0
23	Thengagudi	0	0
	Total	86	1398



School health and awareness camps:

School health camps organized in 4 govt. schools for providing quality health care services to school students and to create awareness on cleanliness. personal health. and menstrual hygiene to adolescent girls of high and higher secondary school. Total 04 such camps organized where students 227 were benefitted with treatment to 163 students by our MHU team. This was appreciated by girl students, teachers, and parents. Total



206 HB test has been done during the school camps.

<u>Important Day's Celebration:</u> Observed World Breast Feeding Week

World breastfeeding week is celebrated every year from 1st 7th to August. The main aims are to inform, anchor, engage and galvanize action on breastfeeding and related issues. WBW was started in 1992 to generate public awareness and support for



breastfeeding. Total five awareness sessions organized in five Awc of 5 nearby villages for improving the health of newborn babies and promoting, protecting, and supporting the rights of women to breastfeed anywhere and at any time. Total 227 lactating, pregnant women and child were actively participated.

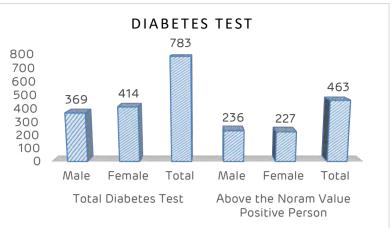






Blood Sugar Level Test (Diabetes) Check-up

Blood sugar and Blood pressure is being tested and consultation is provided by MHU team. This has saved medical expenses of the villagers as the patients have to take medicines regularly for longer period. Out of 783 tests conducted, cumulative 463 (236 male and 227 female) were found diabetic, whose blood glucose level was found higher than the normal level (>140mgdl). After the blood test result, proper consultation was given by MHU Doctor,

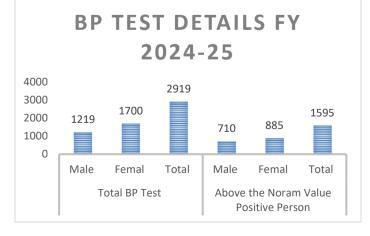


an d medicines provided. A total of 463 persons is suffering from Diabetes mellitus.





Out of 2919 test conducted during the period, 1595 (710 male and 885 female) tested were found blood pressure level above than normal value I.e., 80/120 (hypertension). After the blood pressure test , proper consultation was given by MHU Doctor and free medicines provided to







patients. Regular follow-up was done by our mobile health care unit (MHCU).



1.2Education

Project Utthan launched by Adani Foundation in the month of January-2023 and implemented in 26 Govt. Schools of Bade Bhandar, Supa and Bunga Cluster of Pussore tahsil of Raigarh with objective of enhancing learning outcomes in elementary education and handhold the "Priya Vidyarthi's' (Progressive Learners). A total of 1033 students were enrolled for FY 2024-25. Total 12 nos. Utthan Sahayak will continue to enhance the education level of Progressive learner through joyful and fun based learning methodology.

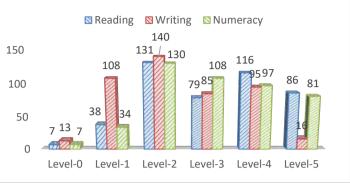
This comprehensive intervention entails:

- Enhancing the teaching learning outcomes
- Empowering 'Priya Vidyarthi's' (Progressive Learners)
- Introducing English as a third language in class 1 to 4
- Arresting dropout rates
- Collaborating for teachers' capacity building and creating joyful learning spaces.

SI	School name		Sch	ool Stre	ength	Deta	ils of C	eprive	d Comr	nunity
51	School name	Village Name	Boys	Girls	Total	SC	ST	OBC	GEN	ОТН
1	Govt. Middle School	Bade Bhandar	47	55	102	28	25	49	0	0
2	Govt. Pri. School	Bade Bhandar	25	19	44	22	7	15	0	0
3	Govt. Pri. School	Chhote Bhandar	6	9	15	0	3	11	0	1
4	Govt. Pri. School	Jevridih	5	14	19	6	2	11	0	0
5	Govt. Pri. School	Supa	4	4	8	1	0	7	0	0
6	Govt. Pri. School	Tupakdhar	8	6	14	2	1	11	0	0
7	Govt. Pri. School	Amlibhouna	23	17	40	0	38	2	0	0
8	Govt. Middle School	Kathli	12	19	31	2	15	14	0	0
9	Govt. Pri. School	Barpali	17	32	49	28	13	7	0	1
10	Govt. Pri. School	Sarwani	14	28	42	1	36	2	0	3
11	Govt. Pri. School	Kotmara	17	25	42	0	20	22	0	0
12	Govt. Middle School	Kotmara	14	7	21	2	9	10	0	0
13	Govt. Pri. School	Taparda	24	35	59	30	2	27	0	0
14	Govt. Middle School	Taparda	33	37	70	19	24	27	0	0
15	Govt. Pri. School	Ranbhata	26	29	55	18	18	19	0	0
16	Govt. Pri. School	Bunga	25	21	46	9	13	24	0	0
17	Govt. Pri. School	Bunga - Benu	23	11	34	4	14	16	0	0
18	Govt. Middle School	Bunga	46	48	94	4	26	62	0	2
19	Govt. Pri. School	Jiladi	5	4	9	0	9	0	0	0
20	Govt. Pri. School	Siladi	17	12	29	1	28	0	0	0
21	Govt. Pri. School	Thengagudhi	9	14	23	1	5	17	0	0
22	Govt. Pri. School	Supa	26	22	48	18	9	21	0	0
23	Govt. Middle School	Supa	40	34	74	26	25	23	0	0
24	Govt. Pri. School	Tilgi	14	19	33	7	15	10	0	1
25	Govt. Pri. School	Raiba	8	10	18	3	8	7	0	0
26	Govt. Pri. School	Raibar- NPS	7	7	14	8	3	3	0	0
	Total		495	538	1033	240	368	417	0	8

Outreach of Utthan:

PROGRESSIVE LEARNER STATUS





At the beginning of the project, a baseline assessment conducted to know the learning level of the students studying in class 3 to 6 from 8 Primary and Middle schools was undertaken for Utthan Project. 100% of students of Class 3 to 6 were covered in baseline assessment, data shows that all surveyed students 457 fall under progressive learner.

Special Day Celebration in Govt School

During the period special days were celebrated like World Earth Day, World Environment Day, National Reading Day, International Yoga Day, Guru Purnima, International Plastic bag free day, Independence Day, Teacher's Day, Hindi Diwas, and Ozone Day under project Utthan and covered 1033 students of them 457 were progressive learners.

Various competition organized during the days like quiz, poster, essay writing, speech, poem, slogan writing, rangoli, mathematical games etc. it was observed that involvement of teachers increased in celebration of the activities and parents and stakeholder also actively participated in the day celebrations.











Summer Camp in Govt. School:

Organized summer camp in O8 Govt. schools to ensure that the students continue to practice learning and keep their interest in school during the month of April and June 2024. A total of more than 381 students/progressive learners participated and 93 parents were also participated. During the camp scholastic and non-scholastic activities like story writing, group reading, cross word, sudoku, origami, greeting card, drawing, Yoga etc. carried out by Utthan Sahayak for Joyful learning with more fun and creativity of students. The school



management committee, parents and gram panchayat representative appreciated this initiative. The Department of education was providing support to organize this camp and involvement of schoolteacher is most vital reason for success of this initiative under the project Utthan.



Students enrolled for Jawahar Navodaya Vidyalaya (JNV) exam.

A total of 130 students were selected and enrolled for JNV exam of FY 2024-25 from 17 Govt. Primary School of Bade Bhandar, Supa and Bunga culster under project Utthan. The main objectives of this program are to provide educational selected students support to for preparation of Jawahar Navodaya Vidyalaya (JNV) exam. JNV Vidyalaya is famous for providing good quality modern education to the children predominantly from rural areas, without



regard to their family's socio-economic condition.



Enriched reading corner to develop reading habits - facilitated 1033 students:

Stories and reading are an important part of child growth and development. Reading encourages:

- Children to build vocabulary.
- Derives connections between stories and their own lives.
- Understand how different people think about different things.
- Encourage students to express themselves more freely.



Mothers meeting in school

Under Project Utthan, a total of 29 mother meetings were organized in 26 government schools. The main objective of the meeting is to monitor and enhance the academic progress of the child. These mother meetings provide a platform to teachers/enlightenment assistants to provide detailed feedback on the child's performance, academic achievements and areas requiring additional attention. During these meetings some fun activities are



also organized for the participating mothers. A total of 254 mothers from 20 peripheral villages participated in these meetings. All the mothers, schoolteachers and Panchayat representatives appreciated this initiative and it is becoming a medium to establish better coordination between mothers and children.







1.3 Sustainable Livelihood Development

Kamdhenu- Dairy Development Project:

The Kamdhenu- dairy Development Project launched on 22.10.2022, the following services provided through one Livestock Development Center (LDC) established at village Chhote Bhandar. Covered total 1599 cattle of 789 livestock farmers from 26 nearby villages.

- Breed development by artificial insemination (AI)- conventional semen and sorted semen by trained AI technician, pregnancy diagnosis.
- Training to farmers on cattle management-improved practices for rearing
- Veterinary camp and vaccination
- Fodder development- distribution of fodder for demonstration.
- Awareness generation on animal husbandry

Artificial insemination (AI):

A total of 396 artificial inseminations were done in 26 peripheral villages, out of which 344 were sorted semen and 52 were conventional semen was done from April 2024 to September 2024.

- Total 394 Pregnancy diagnosis conducted after three months of AI and 249 no. PD confirmed from April 24 to September 24. Total 95 nos. new improved calves born till September 2024.
- The highest number of AI was done in village Ruchida- 61(15.40%) followed by Raibar-30(7.58%), Chikhli- 28(7.07%).

SL	Name of Villages	Farmers Bene.	Sorted Semen	Conventional Semen	Total No. of Al
1	Bade Bhandar	5	7	0	7
2	Chhote Bhandar	15	25	0	25
3	Amlibhouna	2	1	2	3
4	Jevridih	3	4	0	4
5	Sarwani	11	11	0	11
6	Barpali	2	2	0	2
7	Kathli	12	16	1	17
8	Tupakdhar	0	0	0	0
9	Bunga	22	19	5	24
10	Ranbhatha	6	8	2	10
11	Taparda	5	4	1	5
12	Supa	14	24	3	27
13	Kotmara	4	7	1	8
14	Kalma	10	14	1	15
15	Chandli	7	11	2	13
16	Amlipali	9	4	5	9
17	Sankarpali	12	15	0	15
18	Pusaldsa	17	15	3	18
19	Tilgi	21	22	3	25
20	Thengagudi	0	0	0	0
21	Badimal	9	6	5	11
22	Jatri	5	7	0	7
23	Karichapar	12	14	2	16
24	Chikhli	22	27	1	28
25	Ruchida	44	50	11	61
26	Raibar	23	26	4	30
27	Birhabhata	3	5	0	5
	Total	295	344	52	396



Livestock Management Training:

To provide knowledge on improved livestock management- feeding, calf upkeeping, clean milk production and healthcare, a total of 11 training session were successfully organized in 07 villages. Total 460 farmers were actively participated in these sessions.



Free Livestock Vet. Health camps:

Veterinary health camps were organized in ten villages namely Amlibhouna, Chandli, Kalma, Chhote Bhandar, Tehngagudhi, Amlipali, Sarwani, Barpali, Supa and Kotmara villages in which total 3715 cattle (Small ruminants – 2502 and large ruminants- 1213) were treated free of cost including deworming, sterilization and vaccination were done. Additionally, 62 infertility cases were addressed. Overall, 234 farmers directly benefited from these camps.



Fodder demonstration:

To sensitize the importance of fodder to increase productivity fodder named cowpea and Pearl Millet distributed to 39 farmers of eight peripheral villages. Cropping is done in total 5-6 acres area. Pearl millet is the principal energy source used in dairy farming because of its high-energy value, palatability, presence of pigments and essential fatty acids.



New Improved Calve Born:

396 artificial inseminations were done in 26 peripheral villages, out of which 344 were sorted semen and 52 were conventional semen was done from April 2024 to September 2024. A Total of 95 new improved calves were born, including 67 female calves. Overall, 96 livestock farmers benefited.

adani

Adani's Mahila Movement for Advancement (AMMA): Women in Micro Enterprises- Vegetable Cultivation:

Adani Foundation is continuously empowering women to improve their livelihood. Total 39 women members from 23 SHGs involved in vegetable cultivation through drip irrigation in total 6.50 acre of land of Supa, Barpali, Jevridih and Taparda villages.

Total 13 SHG; Supa (8 SHG- 17 members) and Barpali (5 SHG-8 members) received 4.50 acres of land from village Gauthan Samiti free of cost for 3 years and Similarly in Jveridih and Taparda (10 SHG-14 members) received land from Mr. Lalit Pradhan- Bade Bhandar and Bhuneshwar Mahant Taparda villages an annual ledge basis. They have started land preparatory



work for cultivation of Tomato (Variety –Saho) through drip irrigation technology in approx. 6.30 Acre land. Land preparation, basal, mulch and bed preparation work has been completed in Supa and Jevridih villages. Land Preparation work is progress at Barpali and Taparda with support and guidance from Adani Foundation. Adani Foundation supported for supply and installation of mulching, farm machinery, equipment's, manure, fertilizers, pesticides, and improved seeds/seedlings. In village supa They produced 2500 kg of bitter gourd, generating sales worth ₹55155. The 10-day training on vegetable cultivation, conducted in collaboration with SBI-RSETI Raigarh, empowered 23 SHGs to engage in vegetable farming.

Community Contribution:45% towards their labour, equipment's, manure, fertilizers, pesticides, and improved seeds/seedlings. staking materials, pump maintenance, electricity etc.

Women in Micro Enterprises- Mushroom Farming

Among the different off farm income generation enterprises, the mushroom farming plays a crucial role in case of enhancing income of the women. During the period training organized two-days workshop on paddy straw mushroom farming for 47 SHG members of 10 SHGs from 8 villages. Also provided information on cost benefit and marketing strategy for vbbeq straw mushroom. The training, conducted in collaboration with SBI-RSETI Raigarh, enabled 10 SHGs to start paddy straw mushroom production.



They produced 326.67 kg of mushrooms, generating sales worth ₹91468. Upon completing the training, all participants received certificates.







Women's Empowerment- SHGs Meeting

In line with the State Policy, the project's focus on working with and strengthening groups of poor women is based on the social mobilization and empowerment approach that seeks enhancement of women's access to productive assets and their capacity to participate in social change processes and to negotiate with, influence, and hold accountable key institutions and decision-making structures that affect their lives. The project of sustainable livelihood is



focused on formation and strengthening of self-help groups. 180 Self Help Groups (SHGs) meeting was held in 15 villages where a total of 754 members participated in the meeting.

Apparel Making Unit (Darji Project):

An effort made to form a group of 10 to 15 girls who have received tailor training start group business by taking order from individual and market. Adani foundation helped in providing basic infrastructure support like commercial electric sewing machine, raw materials, marketing, and product selling. Group has formed namely Mahila Udyam Vikas Smiti and tri-party agreement has been done between Gram Gauthan Samiti, Mahila Udyam Vikas Samiti and AF. Materialistic and technical support



provided by AF and Under RIPA Project, Village Gauthan Samiti -SUPA has provided a working shed to this group for 25 years for business expansion.

At present team was expert on making in School uniform, Salwar Suit, Designer Blouse, Petticoat, Gown, Mask, School Bag, Mobile Carry Bag, Travel Bag, Shirt Paint etc. Since the inception of the



production cum training unit until September 2024, they have stitched items worth a total of ₹2.37 lakhs.

1.4 Climate Action

Mass Plantation:

During this period, a total of 5050 saplings of fruit and indigenous species were planted in 18 peripheral villages under the mass plantation (100 million tree plantation) campaign for the financial year 2024-25. The main objective of the campaign is to make people aware of environmental conservation and to motivate them to plant trees in their backyards, community places, government institutions, Gothan and Govt. Schools. Every single tree

Tree Plantation Details 23-24

- Community Places: 1000 Tree Planted
- Gothan 2500 Tree Planted
- ITI Sariya 50 Tree Planted
- SHG Members/Individual: 1500 Fruit Plant was distributed to 258 SHG members/individuals

contributes to their environment by providing oxygen, improving air quality, climate amelioration, conserving water, preserving soil, and supporting wildlife.









Pond Deepening:

Excavated two ponds of Jevridih and Ranbhata villages to increase rainwater retention capacity by total 13577.61 CUM. This will help in water conservation / ground water recharge and stop the overflow of the water. Villagers of these three are using the water from this pond for various daily routine works.



1.5 Community Development

Construction of community Shed:

Mahadevpali Village

In Mahadevpali, the villagers organize their social, cultural programs and gatherings throughout the year. As request of per gram Kalma panchayat community shed constructed near beech basti for community use to perform various social religious programs and and activities Total 259 people of Mahadevpali



benefitted of the shed. The center can be utilized for organizing social functions, meetings, and training programs etc.



Construction of community Shed: Chandrapur Village

In Chandrapur, the villagers organize their social, cultural programs and gatherings throughout the year. As per request of Nagar panchayat shed community constructed near ward no. 11 and 12 for community use to perform various social and religious programs and activities Total 758 people of Chandrapur benefitted of the shed. The center can be



utilized for organizing social functions, meetings, and training programs etc.

Blood Donation Drive

AF CSR team actively participated in blood donation camp organized in collaboration with IndianRed Cross Society- Raigarh and Fortis Hospital, Jindal- Raigarh on the birthday of our Hon. Chairman on 24th June at APL site. A total of 266 employees and workers donated blood for the noble cause.



Observed AF Foundation Day

Adani Foundation Day is celebrated annually on August 11th. This year, AFHO plans to hold the celebration virtually. A short video showcasing the culture, traditions, messages from business leaders, and CSR activities from each area of the Adani Foundation was prepared and presented online for the occasion.



Utthan Khel Kumbh

Celebration of National Sports Day:

National Sports Day is observed every year on 29th August. To encourage girls in sports and games, a 4 Km marathon was organized for the girls from APL campus from main gate to fire station, about 80 schoolgirls from 10 villages enthusiastically participated in this event. The program was inaugurated by Mr. Deenbandhu Sidar, Sarpanch Representative-Bade Bhandar village, Mr. Yogesh Chouhan -



Sarpanch Representative -Chhote Bhandar, Mr. Dharam Singh, Mr. Yaswant Pradhan Upsarpanch, Mr. Firtu Ratre in presence. District sports officer Raigarh and school staffs, students, sports teachers, and Security team APL were present.

Kabaddi Training:

In Year 2022 on International Girls' Child Day dated 11.10.2022 launched free Kabaddi training program for girls. The main objective of the training program is training local girls to participate in district, state, and national level Kabaddi tournament, develop and encourage player, girls as valuable sportspersons in the society. After pre-selection test out of 75, total 50 girls were selected from 05 different schools of 10 nearby villages. A total of 21 Kabaddi training sessions were organized from April to September 2024. with state-level Kabaddi coaches providing the training. Fourteen girls from the program participated in the district-level Chakradhar Samaroh Kabaddi tournament held in Raigarh from September 12 to 14 September 2024. They finished as runners-up, winning a trophy and prize money.



Additionally, two girls were selected for the state-level school Kabaddi tournament.

Media Coverage

TheHitavada Raipur City Line | 2024-09-08 | Page- 2 ehitavada.com

Adani Foundation fetes teachers in Raigarh's Pusaur, Tamnaar



The Hitavada State Bureau RAIPUR/RAICARH, Sept 7

RAPUR RAEARH, Sea 1 DN THE occasion of Bachers; Juny Adam Joundation, under Itslingship education initiative Uthhan Project, organised a grand event to honour educa-tions from 26 government pri-mary and pre-middle schools in Puscur and Tammaae blocks of Raigash industrial district. The boundation paid influe: to 40 relifies to and Tammae blocks of Raigash industrial district. The boundation paid influe: to 40 relifies to and Tammae blocks of students in the region. The ceremony, held at Bunga and Jewardith, saw an embusiastic gathering of teachers, Bunga and Jewardith, saw an embusiastic gathering of teachers, patrole tambayat member; graced the accasion asthetchief

an organised by Adam Foundation guest and full-fittered the colu-cators with shawls and cocontus, symbolishing respect and pratitude. He praised Adam Foundation's continuous through the Udham troject, aying "Honouring teachers is our moral duty, and this inf-tative allows us to express our deep appreciation for their tavallable comitbutions." Simulamenously, in Tammaark Nitupara village, another cel-sication and Sinhara govern-ment schools, and the event meducators instied from Muppara and Sinhara govern-ment schools, and the event became event more village with the participation of over 250 students who performances added a delightful cultural

Raigart district. touch, reflecting their admiration for their mestors. The programme saw pres-ence of digmarks including Mukesh kumar, Chied Manager Ordani Roundation, and Vipin Adami Roundation, and Vipin highlighted the foundation's nurvacering commitment to advancing education, stating, At Adami Foundation, we pri-oritise education, Recognising and honouting the efforts of teachers through such pro-grammes is a part of our responsibility towards the com-heir respecting cards and posters. These gestures, along with captivating cultural per-formances, made the occasion n memorable, one, moving many teachers to tears as they reliected on their fourney.

40 सेवानिवत्त शिक्षक, 90 कार्यस्त शिक्षक और ११ उत्थान सहायक हए सम्मानित

अदाणी फाउंडेशन ने किया शिक्षकों का सम्मान

राष्ट्रभागित स्वस स्व अवागी चौठा जिमिट कार्यम के राष्ट्र अवाने की स्वार्थ स्व अपना के केश्व स्व अवागी चौठा जिमिट कार्यम के प्राप्त के स्वार्थ के अपने कि अपना के केश्व स्व अवागी चौठा जिमिट कार्यम के प्राप्त के स्वार्थ के अपने कि कार्यम के प्राप्त के स्वार्थ के स्वार्थ के अपने कि कार्यम के प्राप्त के स्वार्थ के अपने का कार्यम के प्राप्त के स्वार्थ के प्राप्त के स्वार्थ के अपने का कार्यम के प्राप्त के स्वार्थ के प्राप्त के स्वार्थ के अपने का कार्यम के प्राप्त के स्वार्थ के प्राप्त के स्वार्थ के प्राप्त के स्वार्थ के प्राप्त का कार्यक के प्राप्त के स्वार्थ के प्राप्त के स्वार्थ के प्राप्त का कार्यक के प्राप्त के स्वार्थ के स्वार्य के स्वार्थ के प्राप्त के स्वार्य के स्वार्थ के स्वार्थ के स्वार्य के स्वार के स्वार्य के स्वार के स्वार्य के स्वार्य के स्वार्य के स्

छत्तीसगढ



Bilaspur Raigarh - 05 Sep 2024 - Page 4

पशुधन शिविर में १२०० मवेशियों का स्वास्थ्य परीक्षण

रायगढ। अदाणी फाउंडेशन द्वारा जिले के पसौर विकासखंड में किसानों के पशुधनों के लिए स्वास्थ्य शिविर एवं नस्ल सुधार जागरूकता कार्यक्रम का आयोजन किया गया।

अदाणी पावर लिमिटेड रायगढ़ के सामाजिक सहभागिता के तहत पास के ग्रामों में देशी गायों में नस्ल संवर्धन और दुग्ध उत्पादन में वृद्धि के लिए आयोजित शिविर का उद्देश्य पशुपालकों की आय में वृद्धि कराना था। अदाणी फाउंडेशन के मार्गदर्शन में पशुधन विकास के क्षेत्र में अग्रणी संस्था बायफ द्वारा बीते सोमवार को ग्राम अमलीभौना, चंदली, कलमा, छोटे भंडार और ठेंगागुढ़ी में निःशुल्क पशु स्वास्थ्य जांच एवं उपचार शिविर सहित पशुपालकों के लिए डेवरी प्रशिक्षण कार्यक्रम का आयोजन किया गया। शिविर में कुल 93 पशुपालकों के 1216 पशुओं का स्वास्थ्य परीक्षण कर उन्हें निःशुल्क दवाइयां दी गयी। साथ ही किसानों को कुत्रिम गर्भाधान और पशुपालन के संबंध में जागरूक करने हेतु एक दिवसीय प्रशिक्षण कार्यक्रम भी आयोजित



किया गया, जिसमें कल 261 पशपालकों ने भाग लिया। इस कार्यक्रम ग्राम अमलीभौना के उपसरपंच प्रतिनिधि ओशराम सिदार, ग्राम कलमा की सरपंच श्रीमती उमा बाई नंदेए श्री पंकज कुमार नंदे ग्राम छोटे भंडार से भोजराम पटेलए धरम सिंह, योगेश चौहान सहित अन्य स्थानीय गणमान्य व्यक्तियों ने हिस्सा लिया। शिविर को सफल बनाने में बायफ टीम के वरुण तिवारीए अजय साह. पार्वती मैत्री अदाणी फाउंडेशन से निलेश कमार महाना और सोमप्रभा गोस्वामी का योगदान सराहनीय रहा।



आसपास के 26 गांवों में अवाणी फाउंडेशन के सामाजिक विकास कार्यक्रमों से हो रहा सुखद बदलाव अदाणी पॉवर रायगढ़ की आजीविका विकास कार्यक्रमों से आत्मनिर्भर बनता विकासखंड पुसौर

राषणह/प्रसीर; हा कार्योर: संस्था की पा सामाजिक डिस्प्रेटरों हे कि का आपने विस्तार के साथ-राज्य साहज के कल्पाल में जो जरनी धार्मोदनी को निधार i इस किम्पेकों को प्यान में तको हुए अवल रवन्त्रयाथ का मदल में प्रिता हुए वारावा समुद्ध अपने संस्थानी य डीन्डेल्ला प्रथती के आग्रायाय के श्रेष्ठी में दिशा, प्रवास्था, स्थापी आर्थीविका, क्षेत्रल विकास और marter funter it the it errors and संकरण विकास के सप्र में लगाता कम का रहा है। इसी कही में समयह जिसे के पुत्तीर विकासवर्ध्व में फिला आएपी चीवर लिफिटेंड, चाव जीने भेगर, बढ़े भेगर,

सागरी, पूर, सन्तर्भय, प्रभवनं पंडले बेलेकी जीव प्रभुत (प्रथम) पंडले बेलेकी जीव प्रभुत (प्रथम) पंडल के समर्थ प्रधान के प्रथम किंदन सार्यक्री के प्रथम के प्रेय के देनु प्रायंत्र प्रथम के प्रथम के प्रथम के प्रथम के प्रथम के प्रथम के प्रथम



विशेश मार्गहयों के राज्यत 8 केत के हैनू सार्थन और सकर विशेष प्रायम प्रायम के स्वे देश सामय आप के से देश सामय कि सिका के दिन लाइन प्रस्तान है, किय वा गई, किय का प्रायम प्रायम प्रायम प्रायम के हो कुई 35 किटिली में स्वाप के स्वाप स्वाप के स्वाप के स्वाप के स्वाप का स्वाप के सपानेशी निकास को एक प्रधानी

18

चक्रधर समारोह में कबड्डी के फाइनल मैच में उपविजेता बना अदाणी फाउंडेशन

अदाणी फॉउंडेशन के सहयोग से खिलाड़ियों को मिली है राष्ट्रीय स्तर की पहचान : सांसद राठिय

ापाणाः। प्रकार स्थाति के तंगरे ती दिसरीय कथ्यो प्रतियेतिक का स्थापन स्थितार को से गया हम अयेतन में तिथिक परिता और पुरव तो की तथिक परिता और पुरव तो की तथिक परिता और पुरव तो की तथेरवम सतिव मुख्य कीचि के रूप में उपरिथना रहि। ज्ञवाभी साउंदेशन पुर्वत और निर्दात माउंदेदेवम, समनार के नीच मॉल्डा स्वीक पाला स्वातन का

माढठत, पुत्क आग महरा, माइटेवान, जमान, के नीन माइटेवान, जमान, के नीन माइटेवान, जमान, के नीन माइटेवान, जमान, का कि माइटेवान, के उप्राद्ध कर का साउंटेवान की देवा ने जमने पाउंच प्रदर्श के मार्थ का दिल पाउंच प्रदर्श के मार्थ का दिल पाउंच प्रदर्श का ने जमने आपने का उक्ता प्रादेश का अपनी कार्डवेका की ने जमने अपनी कार्डवेका हा कि रा दा सार्वाहाय की मालका की माहित्य के उदिप के साठ मार्वेहा के प्रात कार्यवाहा के मां जमिका के मार्वहान कर की जान और माहैय सार्वका की माजन और माहैय बनाने का अवसर दिया है। पिछले स्वल की प्रतियोगिता में अवणी

भारतील को दोम विगेत को को रही था और असंसंधिय मेंघ भे जेतर हम ताल कहनी भारतक में छार्ग्तिको सकल देव का का म में छार्ग्तिक का है हा कहा कि भारतील करते हुए कहा कि युवा का विशेष खेग पुतियोगिक हो सराहनीय कदम है। जो को इन प्रतिभाओं को आगे बढाने और 1811 où uniz



को धनकुवर सिदार को बेस्ट रेख और रानों को बेस्ट ऑनगडांग है। फाउंग्रिल की इस पाल ने की रही को बेस्ट औरगढंड वा पुरस्का मिता वा सुरस्का कई उस्कृ प्रदर्श को दोन के प्री उस्पी प्रीपदान को खाँग की राज अस्मा राजींका राजींका का कि राज अस्मा का स्वतिका की का कर्मन की स्व राज प्रतिका कि अस्म की स्व राज कि स्वा अस्मा की स्व राज कि स्व स्वा की किससे ही अस्मी का नेका किसा ही का किसने ही का आता कि का नेका किसा जी कार्म का नेका कि का सा आता जी कार्म का नेका कि का सा आता जी कार्म का नेका कि का सिता। आतानी खेल को वजवा दिया है तीलक स्थानीय समुदाय में खेल के प्रति जानरूकता भी चढ़ाई है। के प्रति फाउँडेगन, अ घटेड राषगढ् पासर लिम्टिंड सण सामुदापिक सहधागिना में त्याने हुए सर्वत्र के के गायों में शिक्षा, स्था कं गावों में तिशा, स्थास्थ्य अने अर्जवीविकर के लेज में सुभात के लिए पाल करता है। इस प्रतियोगिता ने जवाणी सर सर्जित कर दिया है कि स्थानीर स्वर पर खेल को प्रोस्कॉल करने के प्रयागों से न कैमल विक्रसाहियों का जात्मरविश्वास बद्धा है, बल्कि उन्हें अपने मपनों को साम्राय किया (भारतित्व के निर्देश म र्थन और

ग्राम छोटे भंडार और रणभाटा में किया गया तालाबों का गहरीकरण

पर्यावरण और जल संरक्षण के लिए अदाणी फाउंडेशन ने कराया दो तालाबों का जीणोंद्वार

रायगढ्। अपने निगमित सामाजिक रसरहायित्व (मीएमआर) कार्यक्रम के क्तत अदाणी फाउंडेशन द्वारा अदाणी पॉवर लिमिटेड रायगढ़ के पास के ग्रम छोटे भंडर और रणभारा में तालाबों का जीपॉटिस कगरा गया है। गावों में जल और पर्याचरण संरक्षण को चतावा देने के उदेश्य से की गयी इस पहल से स्थानीय किसानों और ग्रमीणों को उनके महत्वपूर्ण दिनचर्या में लाभ होगा। इस परियोजना के अंतर्गत ग्राम

पंचायत रणभादा और जेवरी ब्रेह के लगभग सूख चुके तालाचों का गहरीकरण किया गया, जिससे 13.847.61 क्यूबिक भीटर क्षेत्र को पुनर्जीवित किया गया। इस प्रयास से जल संसाधनों की सुरक्षा तो सुनिश्चित होगी ही, साथ ही फिसानों के लिए सिंचाई और कपि कार्यों में भी सधार होगा। इसके साथ ही, अवाणी पावर ने इन तलाओं के किनारों पर छायादार पौधे लगाने का भी प्रस्ताव रखा है, जो पर्यावरण संरक्षण को और अधिक संशक्त करेगा। वहीं जल, ऊर्जा, और पर्यावरण संख्यण के लिए अदाणी पायर के इस वर्ष



2 लाख पौधे लगाने के लक्ष्य को इनके माध्यम से पूर्ण करने के साथ-साथ क्षेत्र में दुर्गेश चौहान, धरम सिंह एवं ग्राम रणभादा के सरपंच प्रतिनिधि राजकुमार छत्तर और स्तत विकास को दिशा में एक महत्वपूर्ण जनम कुमार छत्तर शामिल हुए। क्टम है।

दरअसल, ग्रामचासियों के तालाबों के पर्यावरण की रक्षा करना गहरीकरण और जीर्णोद्धार की जरूरत पर अदाणी फाउंडेंगन ने त्यरित विचार करते सबसे बड़ी चुनौती हुए इस वर्ष जून में ही कार्य शुरू करा दिया था, जिसमें ज्रम छोटे भंडर की उदाणी पावर के सीएसआर प्रमुख पूर्णेन्द् कुमार ने कहा, जल संखण, कृषि को सरपंच सतरूपा चौहान और रणभाव को विकसित करना और पर्याचरण की गया सरपंच ममता छत्तर ने प्रमुख सहभागित करना हम सभी के लिए सबसे बड़ी निभाई। अवाणी फाउंडेशन द्वारा इन दोनों चुनौतियां हैं, इस पहल के माध्यम से तालाबों के गहरीकरण और मरम्मत कार्य अदाणी पावर लिमिटेड ने न केवल ग्रमीण पूर्ण होने के उद्घाटन कार्यक्रम में ग्रम छोटे

किया है, बल्कि जल और पर्यावरण संख्यण के प्रति अपनी प्रतिवद्धता को भी पटर्शित किया है। ग्रामीणों के लिए यह परियोजना जोवन में सुधार का एक प्रमुख कदम साबित होगी, जिससे उनकी आजीविका और पर्यावरण दोनों सुरक्षित होंगे। इस मौके पर सोएसआर विभाग से परमेश्वर गुना और सिविल इंजीनियर सौरभ अग्रवाल सहित स्थानीय ग्रामीण जन उपस्थित थे। ग्राम के सरपंचों ने इस पहल को चुनौतियों से निपटने के लिए एक मकारात्मक दिशा में उताया गया महत्वपूर्ण कदम बताया है। -

अदाणी फाउंडेशन ने पुसौर ब्लॉक में आयोजित किया विश्व स्तनपान सप्ताह



रायगढ् @किरणकूत

विश्व स्तनपान सप्ताह के अवसर पर जिले के पसौर ब्लॉक में अदाणी फाउंडेशन द्वारा पहली से सात असस्त तक जागरूकता कार्यक्रमों का आयोजन किया गया। अदाणी पाकर लिमिटेड रायगढ के सामुदायिक सहभागिता के तहत आयोजित इस सात दिवसीय जागरूकता कार्यक्रमों का आयोजन हेल्पऐज इंडिया और महिला एवं बाल विकास विभाग, पुसौर के संयुक्त प्रयासों से गांवों के आंगनवाड़ी केंद्रों और सामुदायिक भवन में किया गया। इसमें ग्राम छोटे भंडार, अमलीभौना, खुनगा, पलसदा और टपरदा सहित आसपास के अन्य गांवों की कुल 144 शिशुवती और गर्भवती महिलाओं का स्वास्थ्य परीक्षण कर उचित तरीके से स्तजपान कराने के तरीके सिखाए गए। इस कार्यक्रम का उद्देश्य स्तनपान के महत्व और इसके फायदों के प्रति

जागरूकता बढाना था। इस दौरान रायगढ के प्रसिद्ध राजप्रिय अस्पताल की स्त्री एवं प्रसुति रोग विशेषज्ञ डॉ. उमा अग्रवाल ने स्तनपान के महत्व और बेस्ट कैंसर के बारे में विस्तुत जानकारी दी। डॉ. अग्रवाल ने बताया शिशु के जन्म के बाद स्तनपान एक स्वाभाविक किया है, लेकिन पहली बार माँ बनने वाली महिलाओं को इसे सही तरीके से कराने में सहावता की आवश्यकता होती है। साथ ही स्तनपान न केवल शिश के लिए आवश्यक पोषण और रोग प्रतिरोधक क्षमता प्रदान करता है, बल्कि माँ के स्वास्थ्य के लिए भी लाभदायक होता है। इस अवसर पर ग्राम बड़े भंडार के सरपंच प्रतिनिधि दीनबंधु सीदार, मितानिन बाल कुमारी, फुलबाई आंगनवाडी कार्यकर्ता रोता प्रधान, रुक्मणी चौहान एवं स्थाम बाई चौहान के साथ अन्य मितानिन और आंगनवाडी कार्यकर्ता भी उपस्थित रहे।

कौशल विकास और ढांचागत विकास के क्षेत्र में काम कर रहा अदाणी पॉवर

पुसौर ब्लाक के 26 गांवों में अदाणी फाउंडेशन के सामाजिक विकास कार्यक्रमों से हो रहा सखद बदलाव

रायगढ़/पुसौर (हर कार्पोरेट संध्या की यह सामाजिक निम्मेटारी है कि नह अपने विस्तार के साथ-साथ समाज के कल्याण में भी अपनी भागीपारी को निभाए। इस जिगोवाी को ध्यान में रखते हुए अवणी समह अपने संस्थानों व परियोजना स्थलों आसपास के क्षेत्रों में शिक्षा, स्वास्थ्य स्थापी आजीविका, कौंत्रल विकास और तांचागत विकास के क्षेत्र में लगातार काम कर रहा है। इसी कड़ी में रायगढ जिले के पुसोर विकासखंड में स्थित अदाणी पविर लिमिटेड, ग्राम छोटे भंडार, बढं भंडार, बरपाली सूपा, अमलीभौगा, तुपकवार, बंदली, जेनसीडीह सहित क्टुल 26 गांगी के समाज विकास में सामाजिक सहभागिता के विभिन्न कार्यक्रमों के माध्यम से क्षेत्र के विकास के लिए लगतार प्रथासरत है, जिससे अधिक से अधिक लोगों को अच्छी छिशा

आजीविका और स्वास्थ्य सेवाओं से जुड़ने व लाभ उठाने का अवसा मिला है। पॉवर लिमिटेड के सामाजिक सरोकारों के तहत शवाणी फाउंडेशन के

त्रग स्वगेजगार में आवश्वक सहयोग किया गया है। आजीविका विकास कार्यक्रम के अंतर्गत उन्नत विधि से सब्जी



और तकनीको मर्गदर्शन प्रदान किया जा उन्हें मणरूम उत्पादन करने हेत् ग्रीक्षणिक रहा है। जिसके तहन गाम गाम वरपाली भ्रमण सहित आवश्यक सामगिरों का मुपा और जेक्रीडीह के महिलाओं द्वारा सहयोग निरंतर तकनीकी मार्गदरन भी रमादर की सोती की जा रही है। इस वर्ष दिया जा रहा है। जिसके फलस्वरूप उन के दौरान कुल 71331.50 किलो टमाटर समूहों ने इस वर्ष के दौरान कुल 1497.85 का उत्पादन का रूपये 9.47 लाख में किलोग्राम पेडीस्टॉ ओर अयिस्टर मशरूम बिक्रो का आय अर्जित किया गया है क लगादन कर 2.34 लाख रुपये का म्शरूम समूह की महिलाओं द्वारा विक्री कर आप अर्थित क्रिया गया। मशरूम का उत्पादन कर 2.34

लाख की आय अर्जित आजीविका विकास कार्यक्रम के अंतर्गत पामीण क्षेत्र की महिलाओं को आव

कौशल विकास हेतु टेसकोटा का प्रशिक्षण कार्यक्रम अदाणी पाँवर लिमिटेड बबगढ़ द्वाग पास के ग्राम तुपकधार और चंदली के स्थानीय कलाकारों जो मिट्टी के पारंपरिक व्यवस य से जुड़े हैं, उनके कौशल विकास और



अय के बेहतर संसाधन विकसित करने हेतु कुल 28 हितग्राहिमें का जमन कर अजीमिका निकास कार्यक्रम के तहत दो माह का पशिश्रण कार्यकम में पशिश्वित किया गया है।

इसके साथ ही प्रशिक्षण प्राप्त कर रहे कुम्हारों को ओडिश के वरपाली जिल में स्थित थीं प्रतबोध गणा के रंगकोत प्रशिक्षण सह उत्पादन केंद्र का एक दिवसीय शैक्षणिक धमण करवा गय ताकि वे वहां के स्थानीन कलाकारों में इस कला की बारी केयों को समझ सके और उत्पादें की मार्केटिंग के संबंध में जानकरी पास करें। अपनी इस कला के प्रदर्शन के लिए इन्होंने नया रायपुर में अयोबित सरस् मेला में भाग लेकर अपने टेरकोटा उत्पारों का प्रदर्शन एवं विक्रय कर आब अर्जित भी किया।

मूलक गतिविधियों से जोड़ने हेतु पास के को खेती को प्रोत्साहन देने हेतु 19 स्वयं सहायता सम्हों को उन्नत विधि से रब्बी उत्पदन कार्य करने हेतु सभी आवश्यक सात ग्रामों के कल 12 स्वयं महायता

समूहों की 51 महिलाओं एवं 3 लोगों को व्यक्तिगत रूप से तीन अलग ङ्क अलग

Adani Power Ltd., Raigarh

Annexure III

Green Belt Development

Plantation	Details
Density of plantation	4000 plants/ Hectare
Total no. of plantation	3,10,000 Nos.

Total Are of Plant (Acre)	Greenbelt Area Development within Plant premises (Acre)	Total No. of plantation	% of survival tree species inside the Plant/Mine	Species planted inside the Plant Premises	Location of Plantation
487	195 Acre	3,10,000	(>80%)	Mango, Guava, Pomegranate, Lemon, Chiku, Jackfruit, Amla, Coconut, Ber, Jamun, Mulberry, Bel, Custard Apple, Teak, Bamboo, Gulmohar, Neem, Peltophorum, Shisham, Cassia siamea, Karanj, Casurina, Khamhar, Acacia, Mahogany, Arjuna, Chatwwan, Ashoka, Molshree, Amaltas, Krishnabat, Kalptaru, Peepal, Spathodea, Jacaranda, etc.	Coal parking area, reservoir, Kalma Pump house, Ash dyke, Main gate, along the coal transportation Road, CCR building, Switch yard, DM plant, Occupational Health center, Nursery, Canteen, Plantation at Guest House Premises & others

<u>Adani Power Limited, Raigarh</u>

Annexure IV

	Ash Generation and Utilization Details (April'2024 to September'2024)								
		Ash	Utilization						
Month	Ash Generation (MT)	Cement Industries (MT)	Filling of Abandoned Stone Quarry (MT)	Total Ash Utilization (MT)	Utilization (%)				
April'2024	136179	0	51834	51834	38.06				
May'2024	146337	0	56738	56738	38.77				
June'2024	138190	0	97847	97847	70.81				
July'2024	115427	0	27149	27149	23.52				
August'2024	116670	0	57671	57671	49.43				
September'2024	077094	0	38909	38909	50.47				
Total	729897	0	330148	330148	45.23				

Annexure V



Ref : APL/Raigarh/Env/CECB/208/24 Date: 20.08.2024

To, The Member Secretary, Chhattisgarh Environment Conservation Board, Paryavas Bhavan, North Block, Sector 19, Atal Nagar, Naya Raipur, Chhattisgarh (492002)

Sub: Submission of Environment Statement (Form-V) for 600 (1x600) MW Thermal Power Plant at villages Chhote Bhandar, Bade Bhandar, Sarvani, & Amli Bhauna, Tehsil Pussore, Raigarh, Chhattisgarh for FY 2023-24

Dear Sir,

With reference to above subject, kindly find enclosed herewith Environment Statement FORM-V for the financial year 2023-24 duly filed as per format of Environment Statement prescribed by the Board.

Submitted for kind information and record please.

Thanking you,

Yours faithfully, for **Adani Power Limited, Raigarh**

(R N Shukla) Head Environment & Forest

Encl: As Above

CC: **The Regional Officer,** Chhattisgarh Environment Conservation Board, TV Tower Road, Raigarh-496001. Chhattisgarh

Adani Power Ltd Adani Corporate House Shantigram, S G Highway Ahmedabad 382 421 Gujarat, India CIN: L40100GJ1996PLC030533 Tel +91 79 2555 4444 Fax +91 79 2555 7177 www.adanipower.com

Registered Office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S G Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India

Adani Power Limited, Raigarh 1 X 600 MW (600 MW) Coal Based Thermal Power Plant At Village– Chhote Bhandar, PO- Bade Bhandar, Tehsil-Pussore,

District. – Raigarh, Chhattisgarh

Environmental Statement Report 2023-2024



ENVIRONMENTAL STATEMENT REPORT FOR ADANI POWER LIMITED, RAIGARH

Financial Year 2023-24



Submitted to:

Chhattisgarh Environment Conservation Board, Raipur, Chhattisgarh



Environment Department, Adani Power Limited, Bade & Chhote Bhandar Village, Pussore Tehsil Raigarh District, Chhattisgarh Adani Power Limited, Raigarh 1 X 600 MW (600 MW) Coal Based Thermal Power Plant At Village– Chhote Bhandar, PO- Bade Bhandar, Tehsil-Pussore, District. – Raigarh, Chhattisgarh

ENVIRONMENT STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending on 31st March, 2024 as per condition stipulated under clause no. xvi of General Conditions in Environmental Clearance granted by Ministry of Environment & Forest vide letter no. J 13012/57/2008-IA.II (T) dated 20th May, 2010.

i.	Name and address of the	Mr. Samir Kumar Mitra	
	owner/occupier of the industry	Station Head	
	Operation or Under process.	Vill – Chhote Bhandar, PO – Bade Bhandar,	
		Tehsil – Pussore, Distt – Raigarh,	
		Chhattisgarh – 496 100	
II.	Industry category Primary- (STC Code) Secondary – (STC Code)	Red Category	
111.	Production category – Units	1 x 600 MW (600 MW)	
iv.	Year of establishment	March'2014	
v.	Date of the last environmental statement submitted.	9 th September'2023	

PART- A

PART - B

i. Water and raw Material Consumption: -

i.	Water consumption in m ³ /day	m³/day	
а	Process	150	
b	Cooling	28000	
С	Domestic	219	
	Total	28369	

Adani Power Limited, Raigarh

1 X 600 MW (600 MW) Coal Based Thermal Power Plant

At Village– Chhote Bhandar, PO- Bade Bhandar, Tehsil-Pussore, District. – Raigarh, Chhattisgarh

S.	Name of the	Water consumptio	on per unit of products
No.	Products	During the previous financial year 2022-23	During the current financial year 2023-24
1.	Electricity	2.43 m3/MWh	2.21 m3/MWh

ii. Raw material consumption

Name of the Raw	Name of the	Process water per unit of		
materials	Products	During the previous financial year 2022-23	During the current financial year 2023-24	
Coal	Electricity	0.747 MT/MW	0.7587 MT/MW	
LDO	Electricity	0.000184KL/Mw	0.000132 KL/MW	

PART - C

Pollution discharged to environment/unit of output

(Parameter as specified in the consent issued)

SN	Pollutants	Quantity of pollutants discharged (Ton/day)	Concentrations of pollutants in discharges (mg/Nm3)	Percentage of variation from prescribed standards with reason
9	Water	0.00	0.00	Plant designed is based on Zero Liquid Discharge (ZLD)
	Air: PM	2.66	31.1	Within the standards of CECB/CPCB
b	S02	63.10	1210.2	As per MoEF&CC notification dated 05th September 2022, APL, Raigarh is a Category "C" TPP and timelines for compliance of SO2 emission is up to 31st December 2026.
	NOx	17.29	337.8	Within the standards of CECB/CPCB

• Water- No discharge of wastewater.

Note- 100% effluent is treated and recycled back. Hence, there is no discharge of effluent.

PART - D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management & Handling Rules, 1989)

S.		Total Quantity (MT)		
S. No.	Hazardous Wastes	During the previous financial year 2022-23	During the current financial year 2023-24	
а.	From Process Used Oil	34.13 KL	30.02 KL	
b.	From Pollution Control Facilities	Nil	Nil	

PART - E

SOLID WASTES

~		Total Quantity (MT)		
S. No.	Solid Wastes	During the previous financial year 2022-23	During the current financial year 2023-24	
a.	From Process (Ash)	1246303 MT	1282100 MT	
b.	From Pollution Control Facility	Nil	Nil	
C.	Quantity recycled or reutilized within the unit.	Nil	Nil	
	Sold	Nil	Nil	
	Disposal (In low lying areas and backfilling of stone quarries)	1297979 MT	1121900 MT	

Remarks: 87.50% ash utilized in FY 2023-24

PART - F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste:

Hazardous waste (Used/Spent oil) is sold to authorized vender. (Please Refer Part - D for Hazardous waste generation and disposal)

- 2) Non-Hazardous Solid Waste:
 - a) Bottom Ash
 - b) Fly Ash

Disposal Practices: The waste generated has been disposed in nearby low-lying areas/ stone quarries. Exploring approaches for utilization avenues like infrastructure, highways, cement industries etc.

PART - G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost production.

- 1) The stack emissions from the plant are controlled by Electrostatic Precipitator with efficiency of 99.938% for reducing the emission.
- Other pollution control equipment's like Dust Extraction System & Dust Suppression System are installed at various material transfer points to control the fugitive emissions.
- 3) Real time monitoring system for both EQMS & CEMS installed as per the direction of CPCB/SPCB, under Air & Water Act.
- 4) Utilization of rainwater collected during monsoon in Rainwater Harvesting Pond
- 5) We had Installed Effluent Treatment Plant for treating the Industrial Effluent & reusing it.
- 6) We had Installed Sewage Treatment Plants for treating the Domestic sewage and reusing the treating water.

- 7) Installation of Hydro bins has been installed at ash water recovery system.
- 8) Regular monitoring of ambient air quality, ground & surface water, noise level quality has been carried out to evaluate the quality of environment in and around the plant premises.
- 9) Installation of Bag Filters, Dry fog dust suppression systems are installed throughout coal handling chain.

PART - H

Additional measures/ investment proposal for environmental protection including abatement of pollution.

FY 2022-23 Environmental Protection cost details are given below:

SI No	Expenditure head	Actual Expenditure FY 23-24 (In Lakh)
1 Environmental protection O&M		33.5
2	ESP	83.4
3	Stack	5.4
4	СНР	0.51
5	Silo annual Maintenances	15.1
6	Environmental Monitoring Cost	6.1
7	Legal & consent Fee	38.6
8	CSR	169.56
9	Environmental Lab Setup	17.6
10	Fly Ash Management	1686.8
11	Greenbelt Development	105.7
12	World Environment Day	3.7
13	STP	3.64
14	ETP	1.4
otal :		2171.01

PART - I

Any other Particulars for improving the quality of the environment

- 1) Water sprinkling in dust prone areas in and around plant premises.
- Increasing the density of plants in and around plant premises development of local plant species has been preferred for the plantation having following characteristics.
 - Fast growing with thick canopy cover.
 - Adequate height with longer duration of foliage.
 - Perennial and evergreen
- Integrated housekeeping management is undertaken at top priority to maintain neat, clean, and safe working environment in the plant area.
- Organic waste is being converted to manure and being used in green belt development activities.
- 5) Rain guns and water sprinkling system has been provided in CHP.
- 6) Having certificate from CII to Single Use Plastic (SUP) free organization.
- 7) ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001 :2018, ISO 55001:2014, ISO 46001:2019 has been implemented for betterment of environment.
- 8) APL Raigarh Having O4 Nos. of Battery-Operated Vehicle at plant Premises for reducing carbon footprint.
- APL Raigarh declared as a plastic free Industry (No Single use plastic or type of plastic made use has been used inside of the plant premises.
- 10) APL Raigarh have installed 150 Nos. soler streetlights to reduce Carbon footprint.
- 11) APL Raigarh planted 3,10,000 nos. in 195 Acre of the plant area within the plant premises.

R N Shukla Head - Environment & Forest Adani Power Limited, Raigarh

Annexure VI

भारत सरकार परमाणु ऊर्जा विभाग विकिरण एवं आइसोटोप प्रौद्योगिकी बोर्ड



Certificate Tracking ID / CTID : 2305262 Date of Issue / DOI : 23-Mar-2023 Certificate Serial No. / CSN : ULR-TC666523000003474P



Department of Atomic Energy

Board of Radiation & Isotope Technology

Government of India



RADIOACTIVITY TEST CERTIFICATE

Ref : BRIT/RAL/DOM/1162-1167/MISC/877-882/22-23

101	
M/S. RAIGARH ENERGY GENERATION	I LIMITED (ADANI POWER LTD)
VILLAGE CHOTE BHANDAR	
P O BADE BHANDAR	
RAIGARH 496100	
C.G	

This is regarding the samples of "COAL, FLY ASH AND POND ASH/BOTTOM ASH" sent for radioactivity analysis vide your letter dt. 01.02.2022 which as per above letter is drawn from consignment with the following markings, as shown in italics:

: COAL, FLY ASH AND POND ASH/BOTTOM ASH

SAMPLE DESCRIPTION

Sr. No	SAMPLE NO.	TYPE OF SAMPLE	PLACE	DATE OF SAMPLE
1	SAMPLE #1	COAL SAMPLE	ADANI, RAIGARH	01.02.2023
2	SAMPLE #2	FLY ASH SAMPLE	ADANI, RAIGARH	01.02.2023
3	SAMPLE# 3	POND/BOTTOM ASH SAMPLE	ADANI, RAIGARH	01.02.2023

DATE OF RECEIPT OF SAMPLE: 02.02.2023

DATE OF COMPLETION OF TEST: 21.02.2023

The Samples provided were analysed for U-238 and Th-232 radioactivity content by HPGe gamma spectrometry and the values obtained are as follows :

Sr. No	TYPE OF SAMPLE	U-238 (Bq/Kg)	Th-232 (Bq/Kg)
1	COAL SAMPLE	32 ± 1.4	38.2 ± 5.3
2	FLY ASH SAMPLE	82.3 ± 2.8	116.3 ± 11.1
3	POND/BOTTOM ASH SAMPLE	76.4 ± 3.3	99.4 ± 10.3

Opinion: The measurement values are below the clearance level for radionuclides of natural origin in bulk solid materials, as per AERB directive 01/2010 (table-3) dated 26/11/2010

<u>Note</u>: (i) The report pertains to the given sample only. (ii) The sample will be retained in this laboratory for a period of 1 month from certificate date and thereafter it will be disposed off. (iii) This report shall not be reproduced except in full, without written approval of the laboratory. (iv) The sampling is not done by this laboratory.

Checked by: SHEEBA S.W. Assistant Authorized Signatory: AJAY NANA THAMKE OIC, RAL

The authenticity of this certificate is verifiable. Please scan the QR code using a QR scanning application on any mobile devices. Upon redirection you must enter the necessary information in landing page https://eportal.britatom.gov.in. We will then revert you back with a digital copy of the certificate in your verified e-mail ID. In accordance to IT Act 2000 (21 of 2000), this document is generated electronically through a validated s/w and need no physical/ digital signature(s).



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