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Power

Ref: APL/APRL/EMD/EC/MoEFCC/283/05/24
Date: 23/05/2024

To,

Additional Principal Chief Conservator of Forest
Ministry of Environment, Forest and Climate Change
Integrated Regional Office, Jaipur
Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area.
Jaipur – 302004, Rajasthan

Sub: Submission of Six-Monthly Compliance Status of Environment Clearances for Kawai Thermal Power Plant along with Environmental Monitoring reports reg.

Ref: Environmental Clearance letter no. **J-13012/154/2008-IA.II (T)** Dated- **04.05.2011,** Amendment on 13/03/2014 & Transfer of EC from Adani Power Rajasthan Ltd. to **Adani Power Ltd. dated 24.04.2023**.

Dear Sir,

With reference to above subject, please find enclosed herewith Six-Monthly Environment Clearances (EC) compliance status report along with Environmental monitoring reports as Ambient Air Quality, Water Quality, Noise level & Soil quality, CAAQM data, Met. data, Greenbelt development, Fly ash & CSR Report etc. for the period of **October'2023 to March'2024** in soft (**e-mail**).

This is for your kind information & record please.

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

(**Santosh Kumar Singh**)
Head - AESG

Encl: as above

CC:

Member Secretary
Central Pollution control Board
Parivesh Bhavan, East Arjun Nagar
Kendriya Paryavaran Bhawan
New Delhi- 110 032.

Member Secretary,
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongri
Jaipur - 302 004

The Regional Officer,
Rajasthan State Pollution Control Board
Jhalawad, Rajasthan

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

SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE (EC)

1320 (2x660) MW
KAWAI THERMAL POWER PLANT

At

VILLAGE- KAWAI, TEHSIL–ATRU DISTRICT- BARAN
RAJASTHAN

Submitted to:

Integrated Regional Office, Jaipur
Ministry of Environment, Forest & Climate Change
Central Pollution Control Board, New Delhi
Rajasthan State Pollution Control Board, Jaipur

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Submitted By:

Environment Management Department

Adani Power Limited

Village - Kawai, Tehsil - Atru,
District - Baran, Rajasthan

Period: October'2023 to March'2024

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Introduction

Adani Power Limited, Kawai (formerly known as Adani Power Rajasthan Ltd.) has established 1320 (2x660) MW Coal based Supercritical Thermal Power Plant at Village-Kawai, Tehsil Atru, District Baran in Rajasthan. The power plant is based on supercritical, energy efficient & environment friendly technology.

APL has obtained Environmental Clearance from Ministry of Environment, Forest & Climate Change (MoEFCC) dated 04.05.2011 subsequent amendment in EC dated 13.03.2014 and transferred EC from Adani Power Rajasthan Limited to Adani Power Limited was granted on dated 24.04.2023 and has also obtained Consent to Establish (CRE) as well as Consent to Operate (CTO) from Rajasthan State Pollution Control Board. The plant is fully operational since December '2013. As the part of the compliance of statutory requirement environmental quality monitoring is being done inside the premises and in nearby villages.

Ambient Air Quality Monitoring Stations has been established in consultation with Rajasthan State Pollution Control Board, three locations within the plant premises & three locations outside plant in different village based on meteorology of the site and consultation with Rajasthan State Pollution Control Board, Presently Environmental monitoring & analysis is being carried out by M/s IRCLASS System and Solutions Pvt. Ltd., Jaipur, (Rajasthan).

Point wise compliance status of **Environmental Clearance for 1320 (2x660) MW** Coal based Supercritical Kawai Thermal Power Plant is furnished herewith.

COMPLIANCE STATUS ON ENVIRONMENTAL CLEARANCE
1320 (2×660) MW Coal Based Kawai Thermal Power Plant
Vide letter No. J-13012/154/2008-IA.II (T) dated 04.05.2011
subsequent amendment dated 13.03.2014.
Transfer of EC from Adani Power Rajasthan Limited to Adani Power Limited dated 24.04.2023.

A	Specific Condition	Compliance Status
(i)	Vision document specifying prospective plan for the site shall be formulated and submitted to the Ministry within six months.	Complied. Vision document had already been submitted along with first EC Compliance report.
(ii)	In case source of fuel supply is to be changed at a later stage (now proposed on imported coal from South Africa) the project proponent shall intimate the Ministry well in advance along with necessary requisite documents for its concurrence for allowing the change. In such a case the necessity for re-conducting public hearing may be decided by the ministry in consultation with the Expert Appraisal Committee.	Complied MoEFCC has amended the Environmental Clearance vide letter No. J-13012/154/ 2008/IA. II (T) dated 13.03.2014 for Indigenous/Domestic Coal from Subsidiary companies of Coal India Limited in place of Imported Coal with some additional conditions. The compliance of the additional conditions is included in this compliance report. MoEFCC has granted Transfer of EC from Adani Power Rajasthan Limited to Adani Power Limited vide letter No. J-13012/154/2008 IA.II(T) dated 24.04.2023.
(iii)	Wildlife conservation plan shall be prepared in consultation with the office of the Chief Wildlife Warden concerned for implementation. Status of implementation shall be submitted to the regional office of the ministry periodically.	A detailed study of Wildlife conservation plan has already been done (Document no. EES/AG/001/259-Biological study) by consultant in consultation with forest department & conservation plan already submitted to the Chief Wildlife Warden, Jaipur for approval. The Report also submitted to the DFO Baran. A copy of the conservation plan was submitted to your office along with Six monthly compliance report
(iv)	Possibility for harnessing solar power within the premises of the plant particularly at available roof tops shall be examined and status of implementation shall be submitted.	Complied 80 no. Solar light are installed near hostel/residential area in first phase of solar harnessing program. Solar panels are installed for streetlights of residential complex. 10KW capacity Solar Panel is installed at rooftop of Administrative Building to harness solar energy for its consumption.
(v)	An equal area of grazing land proposed to be acquired for the project shall be identified and developed in consultation with the village Panchayat and the district administration before final acquisition of the said land.	Complied Development of waste land to grazing land in village Kunjed of Atru Tehsil is completed as per "Mukhyamantri Jal Swavlamban Abhiyan"

		(MJSA) as suggested by District Collector, Baran.
(vi)	Coal transportation to plant site shall be by rail. The project proponent shall take up the matter with the Railways and shall submit action taken and implementation status to the ministry from time to time.	Being complied. Coal is being transported to power plant through Rail only.
(vii)	Existing de-generated water bodies (if any) in the study area shall be regenerated at the project proponent's expenses in consultation with the state govt.	Complied Development of existing degenerated water body in Village Antana of Atru tehsil is completed as proposal approved by District Collector, Baran under "Mukhyamantri Jal Swavlamban Abhiyan" (MJSA) vide letter no. 2016/280-85 dated 09.02.2016. Existing seasonal water bodies within the study area is identified for regeneration under company's CSR programme by Adani Foundation and has been implemented in phased manner.
(viii)	Hydrogeology of the area shall be reviewed annually from an institute / organization of repute to assess impact of surface water and ground regime (especially around ash dyke). In case and deterioration is observed specific mitigation measures shall be undertaken and reports / data of water quality monitored regularly and maintained shall be submitted to the Regional Office of the Ministry.	Complied. Hydrogeology of the area is being reviewed regularly interval. Last hydrogeology reviewed in **Year'2024** by third party to assess the surface & ground regime (in & around ash dyke), report is under preparation. Regular water quality monitoring is also being carried out by MoEFCC & NABL accredited Laboratory. The water quality monitoring results is being submitted regularly along with Six Monthly Compliance reports.
(ix)	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	Complied Water allocation from Parvan River for 34 MCM. This quantity is adequate to meet the plant's requirement, including lean season.
(x)	No ground water shall be extracted for use in operation of the power plant even in lean season.	Complied. There is no ground water extraction for use in operation of the power plant even in lean season.
(xi)	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.	Complied No water body was disturbed while setting up power plant.
(xii)	Minimum required water flow suggested by the Competent Authority of the State Govt. shall be maintained in the Channel / Rivers (as applicable) even in lean season.	Complied APL, Kawai has no role in the distribution of water from Parvan irrigation Project. Water Resource Department, Govt. of Rajasthan will maintain the minimum required water flow during lean season.

(xiii)	Water requirement shall be restricted as per CEA norms and COC of 5.0 shall be adopted.	Complied It has been incorporated in the plant design and being maintained.
(xiv)	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 so as to ensure that the ground water quality is not adversely affected due to the project.	Being Complied Regular monitoring of ground water quality including heavy metals is being carried out in and around the plant area by MoEFCC accredited agency and NABL accredited Environment laboratory of APL. Please refer attached **Annexure-I.** Three Piezometric wells are established around the ash pond. Record are being maintained and attached as **Annexure-II.**
(xv)	Monitoring surface water 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.	Being Complied. Regular monitoring for surface and ground water quality is being carried out including heavy metals in & around the ash pond and nearby villagers, Monitoring report enclosed herewith. Please refer **Annexure I.**
(xvi)	A well-designed rainwater harvesting shall be put in place before commissioning of the plant. Central Ground Water Authority / Board shall be consulted for finalization of appropriate rainwater harvesting technology / design within a period of three months from the date of this clearance and detail shall be furnished. The design of rainwater harvesting shall comprise of rainwater collection from the built up and open area in the plant premises. Action plan and road map for implementation shall be submitted to the Ministry within six months.	Complied Design for rainwater harvesting scheme is prepared by Hydro-geo Survey Consultant-Jaipur and the same is submitted to Regional Office of CGWB. Jaipur, MoEFCC regional office, Lucknow and MoEFCC New Delhi. Rainwater harvesting pond already constructed within the plant to store and reuses more than **120000 m3** of water.
(xvii)	Additional soil for levelling of 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 The entire plant area was almost flat and having stony outcrop. There are no streams within the plant premises.
(xviii)	Provision for installation of FGD shall be provided for future use.	Space was provided for FGD in the plant layout for further requirement. Kawai TPP is in process to install FGD and revised ICB has been issued to install FGD as per implementation schedule of CPCB as well as CEA. As per MoEFCC Notification dated 5th Sep 2022, Kawai TPP falls under Category "C" Non-retiring TPPs and the timelines of installation of FGD in compliance of SO_2 emission is up to December'2026.

(xix)	The project proponent shall undertake measures and ensure that no fugitive fly ash emission take place at any point of time.	Being complied. Pneumatic ash handling system with bag filters provided for ash handling. The crusher houses for coal are provided with Dust Extraction System & Bag Filter. Dust Suppression System (DSS) and Water Sprinkling System are provided in coal stock yard and ash dyke.
(xx)	Stack of 275 m height shall be installed and provided with continuous online monitoring equipments for SOx, NOx and PM2.5 & PM10. Exit velocity of flue gases shall not be less than 22 m/s. Mercury emissions from stack may also monitored on periodic basis.	Complied Twin flue stack of 275 meter constructed. Continuous Emission Monitoring System installed in both flues for SO_2, NOx, and PM. The flue gas velocity is more than 22 m/sec. Hg monitoring in stack is being carried out by third party on quarterly basis. CEMS results attached as **Annexure IA.**
(xxi)	High Efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm3.	Complied A high Efficiency Electrostatic Precipitators has been provided to each boiler (ESPs) to meet particulate emission less than 50mg/Nm3, ESP efficiency is being observed by our operation department. Details of monitoring results as carried out by NABL accredited environmental lab for Unit-1 and 2 & also same is being submitted to Statutory body on regular basis. All stack monitoring results are well within the prescribed limit which is showing efficiency of ESP. Monitoring results are attached as **Annexure I.**
(xxii)	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. Dust extraction system with bag filter in coal crusher house has been provided. Pneumatic ash handling system with bag filters provided. for ash handling. Water sprinkling system provided in coal yard.
(xxiii)	Utilization of 100% Fly Ash generated shall be made from 4th year of operation. Status of implementation shall be reported to the Regional Office of the Ministry from time to time.	Being Complied Ash utilization/implementation report is being submitted to MoEFCC, CPCB, RSPCB as well as CEA. Implementation status of fly ash utilization is enclosed herewith. Please refer **Annexure-III.**
(xxiv)	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	Being Complied APL, Kawai has signed MoUs for ash utilization with Mangalam Cement Ltd., J.K.Cement Ltd., Mangrol & Nimbahera, Birla Corporation Ltd, Nuvoco Vistas Corp. Ltd., Shriram Cement Ltd, Wonder Cement Ltd apart that above parties we are also providing to ACC Ltd. Ambuja

	emanating in the existing ash pond. No ash shall be disposed off in low lying area.	Cement, Birla Corporation Ltd., Nirma Ltd., India cement ltd., Heidelberg cement India ltd, India Cements Ltd, Heidelberg cement India Ltd., TSG Ashtech Movers Pvt. Ltd., etc. Heavy metal analysis is being carried out for As, Pb, Hg, Cr Fe, Cu, Zn, Cd, and Ni in fly ash. Analysis report of the same is attached as **Annexure-I.**
(xxv)	Ash pond (if any) shall be lined with HDPE/LDPE 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 design ash pond with LDPE lining has been established as per guidelines of MOEF/CEA/CPCB. Safety measure such as bund with toe wall and lining of side slope is done to prevent any leachate.
(xxvi)	Sulphur and ash contents in the imported coal to be used in the project shall not exceed 0.6 % and 34 % respectively at any given time. In case of variation of coal quality at any point of time fresh reference shall be made to Ministry for suitable amendments to environmental clearance condition wherever necessary.	Complied EC amended on dated 13.03.2014 through vide letter No. J-13012/154/2008/IA. II (T) for change in the fuel quality & source.
(xxvii)	Green Belt consisting of 3 tiers of plantations of native species around the plant of at least 75 m width shall be raised (except in areas not feasible). The density of trees shall not be less than 2500 per Ha and rate of survival at least 80%.	Complied Green belt/plantation is developed in 33% of total Plant area. Our efforts are to develop more greenery in and around the plant premises. Full-fledged horticulture department is established under the guidance of the experienced horticulturist in consultation with the local forest department for the development of green belt / plantation has been established. About 1,41,240 tree saplings have been planted and achieved 90% survival rate. Please refer **Annexure-IV**
(xxviii)	Over and above the green belt, as carbon sink, social forestry shall be carried out in close consultation with the Forests Department. The project proponent shall accordingly identify blocks of land / degraded forests and shall undertake regeneration of degraded forests at a large scale. In pursuance to this the project proponent shall formulate time bound action plan along with financial allocation and shall submit status of implementation to the Ministry within six months.	Complied Social forestry with active participation of the villagers and school children are being carried out in close consultation with Forest Department, Action plan regarding social forestry and regeneration of degraded forest is under implementation. Planted 1200 Saplings along with the NH-90 in association with forest department. About 500 trees are also planted in school campus & Villages.
(xxix)	Atleast three nearest village shall be adopted and basic amenities like development of roads, drinking water supply, primary health centre,	Complied. Baldevpura, Kawai, Salpura, Khedli Gaddiyan and Nimoda are adopted for development of

	primary school etc. shall be developed in co-ordination with the district administration.	basic amenities in co-ordination with the district administration. Beside 41 Schools, 2 PHC, 1 CHC of surrounding Gram Panchayats are adopted in association with district administration of Govt. of Rajasthan.
(xxx)	The project proponent shall also adequately contribute in the development of the neighboring villages. Special package with implementation schedule for providing free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	Complied. Need based assessment study report have been already submitted to MoEFCC. Recommendation made in the report are being implemented by Adani Foundation. Please refer **Annexure V.**
(xxxi)	CSR schemes shall be undertaken based on need assessment in and around the villages within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken.	Being followed Based on the need-based assessment report under the CSR, recommendations made in the CSR report are being implemented by Adani Foundation. Please refer **Annexure V.** Focus has been given on Education, Health, Alternative Livelihood and Rural Infrastructure. Please refer **Annexure V.**
(xxxii)	It shall be ensured that an in-built monitoring mechanism for the CSR 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. The achievements should be put on company's website.	Being Compiled The implementation of CSR activities carried out by Adani Foundation. Implementation / achievement of CSR activities are being submitted along with EC compliance on regular basis. Please refer **Annexure V.**
(xxxiii)	An amount of Rs 28.0 Crores shall be earmarked as one time capital cost for CSR programme as committed by the project proponent. Subsequently a recurring expenditure of Rs 5.6 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within six months along with road map for implementation.	Complied Separate budget has been earmarked for CSR activities. CSR activities are being carried out by Adani Foundation. CSR report and expenditures is attached as **Annexure V & VIII** respectively.
(xxxiv)	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.	Complied. Social audit report is prepared by Indian Institute of Social Welfare and Business Management of University of Kolkata. Audit report is submitted along with six monthly compliance report.
Additional Specific Conditions		
(xxxv)	The Coal transportation by road shall be through tarpaulin covered trucks for a maximum period	Being Complied Coal is being transported by Rail up to Plant premises.

	of two years and hence forth shall be only through mechanically covered trucks.	
(xxxvi)	Avenue plantation of 2/3 rows all along the road shall be carried out by project proponent at its own expenses.	Complied 2 Tier greenbelt as avenue plantation has been developed up to 3KM distance along both side of nearest NH-90.
(xxxvii)	Periodic maintenance of the road shall be done by the project proponent at its own expenses and shall also facilitate the traffic control on the road.	Complied We have maintained the approach road from plant main gate to the nearest highway (NH-90) and linked road to plant.
(xxxviii)	Sulphur and ash contents in the domestic coal to be used in the project shall not exceed 0.4% and 33% at any given time. In case of variation of coal quality at any point of time, fresh reference shall be made to the ministry for suitable amendments to environmental clearance condition wherever necessary.	Being Complied Half yearly & annual reports of Ash Utilization & ash content in coal is being submitted to MoEFCC and Central Electricity Authority (CEA) since plant operation. Please refer attached **Annexure-III.**
(xxxix)	A long-term study of 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.	Being Complied Test results of coal samples for radio activity and heavy metal report submitted along with previous compliance report.
(xl)	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.	Solar streetlight near administrative building and along approach road has been installed to harness solar power.
(xli)	Fugitive emissions shall be controlled to prevent impact on agriculture or non-agriculture land.	Being Complied. Adequate air pollution control measures such as Dust Extraction System (DES), Dust Suppression System, Wind Shield, water sprinkling & Fog canon system have been provided to meet particulate matter emission within the norms.
(xlii)	Fly ash shall not be used for agriculture 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, prior detailed study of soil characteristics of the mine area shall be undertaken from an institute of reputed and adequate clay lining shall be ascertained by the State Pollution Control Board and	Being Complied The generated fly ash is being used by cement industries as per 'Fly Ash Notification'. Copy of annual data on fly ash generation & utilization is being submitted to MoEFCC, CPCB, and SPCB & Central Electricity Authority (CEA). Fly Ash generation & utilization is attached as **Annexure III.**

<table>
<tr><td></td><td>implementation done in close co-ordination with the State Pollution Control Board.</td><td></td></tr>
<tr><td>(xliii)</td><td>Three tier green belt shall be developed all around Ash Pond over and above the Green Belt around the plant boundary and grassing shall be done on the ash mound.</td><td>Complied
Plantation all along ash dyke is taken up by seed broadcasting of species like Subabol, Jatropha and Desi Babool. Slope of ash dyke is covered with grass to avoid soil erosion.</td></tr>
<tr><td>(xliv)</td><td>An Environmental Cell be created at the project site itself and shall be headed by an officer of the company of appropriate seniority and qualification. It shall be ensured that the head of the Cell directly report to the Head of the Organization. The Environmental Cell shall be responsible and accountable for implementation of all the conditions given in the EC including in the amendment letter.</td><td>Complied
We have already established an Environmental Management Cell headed by Sr. Manager & supported by Env. Engineer, Officer, Chemist & Horticulturist. We have NABL accredited Laboratory. Certificate Number- TC-12493 valid up to 28/03/2025.
Please refer attached NABL certificate attached as Annexure-VII.</td></tr>
<tr><td>(xlv)</td><td>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.</td><td>Complied
Corporate level Environmental Policy has been developed to implement EMS (Environmental Management System) as per ISO 14001-2015.
Environmental Management System as per EMS ISO 14001 implemented Integrated Management System (IMS) is also Implemented.</td></tr>
<tr><td>B</td><td colspan="2">General Conditions:</td></tr>
<tr><td>(i)</td><td>The treated effluents confirming to the prescribed standards only shall be re-circulated and reused within the plant. Arrangements shall be made that effluents and storm water do not get mixed.</td><td>Complied.
ETP has been established (Capacity- 226 m3/hr. based on primary treatment) to treat effluents and treated water reuses within the premises. The concept of “Zero Discharge Condition” is implemented except during non-monsoon period. Separate drainage network is established for storm water.</td></tr>
<tr><td>(ii)</td><td>A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt / plantation.</td><td>Complied.
Sewage Treatment Plant has been established inside the plant & treated domestic water is suitably reused within the plant premises in plantation / green belt development.
<table>
<tr><th>Particular</th><th>Capacity</th><th>Total Capacity</th><th>Technology</th></tr>
<tr><td>STP</td><td>120 KLD (10 x 2 KLD)</td><td>140</td><td>Mikie Bioreactor</td></tr>
</table></td></tr>
<tr><td>(iii)</td><td>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</td><td>Complied
Adequate safety team has been established in plant site to take preventive control measures. Fire hydrant system for firefighting is provided in plant layout. Fire & Safety department made</td></tr>
</table>

	submitted to the Ministry as well as to the Regional Office of the Ministry.	available with 3 no. of firefighting tanker equipped with all necessary control system.
(iv)	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 LDO and HFO are properly stored in minimum risk area and as per the norms fixed by the Chief Controller of Explosives. A disaster management plan is prepared covering all the eventualities due to storage of oil. It is ensured that sulphur content is less than 0.5% in liquid fuel. Please refer explosive licence/ certificate is attached as **Annexure-IX.**
(v)	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Complied First Aid as well as OHC established with well-equipped Ambulance and qualified Doctor. Housekeeping and sanitation facilities are available for the drivers and contractual workers during construction.
(vi)	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 85 dB(A) from source. For people working in the high noise area, requisite personal protective equipment like earplugs / earmuffs etc. shall be provided. Workers engaged in noisy area such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy / less noisy area.	Complied Necessary action has been taken care to maintain noise levels in work zone area within 85 dB(A) from source during the plant operation. The personal protective equipment (PPE) is provided to workers & employees working in noisy areas. Noise level monitoring is carried out regularly. Periodic audiometric check-up is carried out. Occupational Health & Safety Management System as per ISO 45001 as implemented.
(vii)	Regular monitoring of ambient air 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.	Being Complied Regular Environmental monitoring of SO2, NOx, $PM_{2.5}$ & PM_{10} and Hg is being carried out by third party Env. Lab. The Ambient Air Quality Monitoring locations are established in consultation with RPCB. Full fledge Environmental Lab for Air & Water has been established. Monitoring reports attached as **Annexure I.**
(viii)	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	Complied. During construction, provision was made for common facilities to labours as toilets, safe drinking water, medical health care etc. who were engaged for construction.

	form of temporary structure to be removed after the completion of the project.	
(ix)	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 Forest at http://envfor.nic.in	Complied Advertised in local daily News Paper 'Dainik Bhaskar and Rajasthan Patrika' on 10th May 2011 in Hindi.
(x)	A copy of 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 clearance letter has been submitted to Kawai Village Panchayat and Zila Parishad, Baran.
(xi)	An Environmental Cell comprising of at least one expert in environmental science / engineering, occupational health and social scientist, shall be created 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 organization and he shall be held responsible for implementation of environmental regulations and social impact improvement / mitigation measures.	Complied. We have already established an Environmental Management Cell headed by Manger & supported by Env. Engineer Officer, Chemist & Horticulturist. Full fledge Environment Lab (Air & Water) has been established. Environmental Management System as per EMS ISO: 14001:2015 implemented.
(xii)	The proponent shall upload the status of compliance of the stipulated environmental clearance 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 CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM (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.	Being Complied Six monthly Environmental Clearance compliance status report is regularly submitted to MoEFCC, CPCB and SPCB. The same is sent by email also. Compliance status updated on company's website www.adanipower.com
(xiii)	The environmental statement for each financial year ending 31st 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 Statement has been submitted for FY 2022-23 vide letter no APRL/PK/GOVT/RSPCB/00625, dated-15.09.2023.

	Environmental (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.	
(xiv)	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 Forest, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environmental 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 Forest.	Complied Six monthly compliance on the Environmental Clearance granted by MoEFCC is being submitted to MoEFCC, CPCB & RSPCB regularly. Compliance status updated on company's website. Compliance report for the period of April-2023 to September-2023 had been submitted to your good office vide letter no.: APL/Kawai/ EMD/EC/MoEFCC/214/11/23 dated 25.11.2023.
(xv)	Regional Office of the Ministry of Environment & Forest will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environmental Management Plan along with 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.	Noted Compliance assured.
(xvi)	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	Being Followed. Separate fund has already been allocated and being utilized for Environmental Protection. Environment protection measures (EMP & CER) Expenditure is attached as Annexure-VIII.
(xvii)	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.	Complied

(xviii)	Full cooperation shall be extended to the Scientists / Officers from the Ministry / Regional Office of the Ministry at Rajasthan / CPCB / SPCB who would be monitoring the compliance of environmental status.	Noted, Full co-operation shall be extended for concern authority.

*****

Annexure I

SIX MONTHLY ENVIRONMENTAL MONITORING

Reports of

AMBIENT AIR QUALITY,

WATER QUALITY, SOIL QUALITY AND NOISE LEVEL

for

Adani Power Limited

(2x660 MW- SUPERCRITICAL THERMAL POWER PLANT)

Village - Kawai, Tehsil - Atru, District -Baran, Rajasthan

PREPARED BY:

IRCLASS SYSTEMS AND SOLUTIONS PVT LTD
B-11G CEG TOWER,1ST AND 2ND FLOOR.
INDUSTRIAL AREA, MALVIYA NAGAR
JAIPUR, RAJASTHAN-302017
Approved by Ministry of Environment & Forest (Govt. of India)
and Rajasthan State Pollution Control Board
Accredited by National Accreditation Board for Testing & Calibration Laboratories
Certified by ISO 9001: 2008

PERIOD: October-2023 to March-2024

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1 EXECUTIVE SUMMARY

ADANI group has constructed 2 units of 660 MW Supercritical Thermal Power Station at Village- Kawai, Tehsil- Atru, District- Baran, Rajasthan. The plant is designed to generate 2x660 MW electricity. The site is located Near Salpura Railway Station in district Baran, Rajasthan. The plant is well connected by Road and Rail network with different part of Rajasthan and adjoining states, at present both units are in operation.

M/s Adani Power Limited, Kawai has awarded environmental monitoring job work to **M/s IRCLASS Systems and Solutions Pvt. Ltd.** for Sampling/Monitoring and Testing of Environmental parameters on quarterly basis for the period 01/04/2023 to 31/03/2025.

The samples for determination of quality of Ambient Air analysis, Ground Water, Soil, Source Emission, Noise, etc. are collected from Site and analyzed at IRCLASS Systems and Solutions Pvt. Ltd., Jaipur.

The overall results for the third and fourth quarters are found to be satisfactory. The plant was performing well during the monitoring and environmental parameters in each segment like Ambient air, source emission, soil, Water, wastewater, and noise are found to be within the permissible limits.

2 BRIEF DESCRIPTION OF ADANI POWER AND KAWAI THERMAL POWER STATION

2.1 ADANI THERMAL POWER STATION

Adani, a conglomerate with a formidable presence in multiple businesses across the globe, has entered the power sector to harbinger a 'Power Full' India, by generating 20,000 MW of power by 2020. Comprehension of the criticality in meeting the power requirement and its crucial role in ensuring the energy security of India, spurs us to build India's largest and one of the world top 5 single location thermal power plant in Mundra.

Adani Power Limited has commissioned the first supercritical 660 MW unit in the country. Mundra is also the WORLD'S FIRST supercritical technology project to have received 'CLEAN DEVELOPMENT MECHANISM (CDM) Project' certification from United Nations Framework Convention on Climate Change (UNFCCC).

2.2 KAWAI THERMAL POWER STATION

Adani Enterprises Limited (AEL) have signed MoU with Energy Department, Government of Rajasthan on 20th March 2008 for developing a Thermal Power Project of 1320 MW capacity at Kawai, District Baran, Rajasthan. For this purpose, Adani Enterprises Limited (AEL) has registered Adani Power Rajasthan Limited, amalgamated with Adani Power Limited. The site is approximately 120 km from Kota and 40 Kms from Baran.

The plant is covered in around 350 Ha. area. The possession of 350 Ha has already been given to APL by Govt. of Rajasthan. The coal and water requirement of the plant is 5.6 MTPA and 34 MCM respectively.

Both imported and domestic coal is being used. Water is drawn through a dedicated pipeline from the PARWAN River located about 15 km from the plant.

2.3 LOCATIONS OF THE PLANT

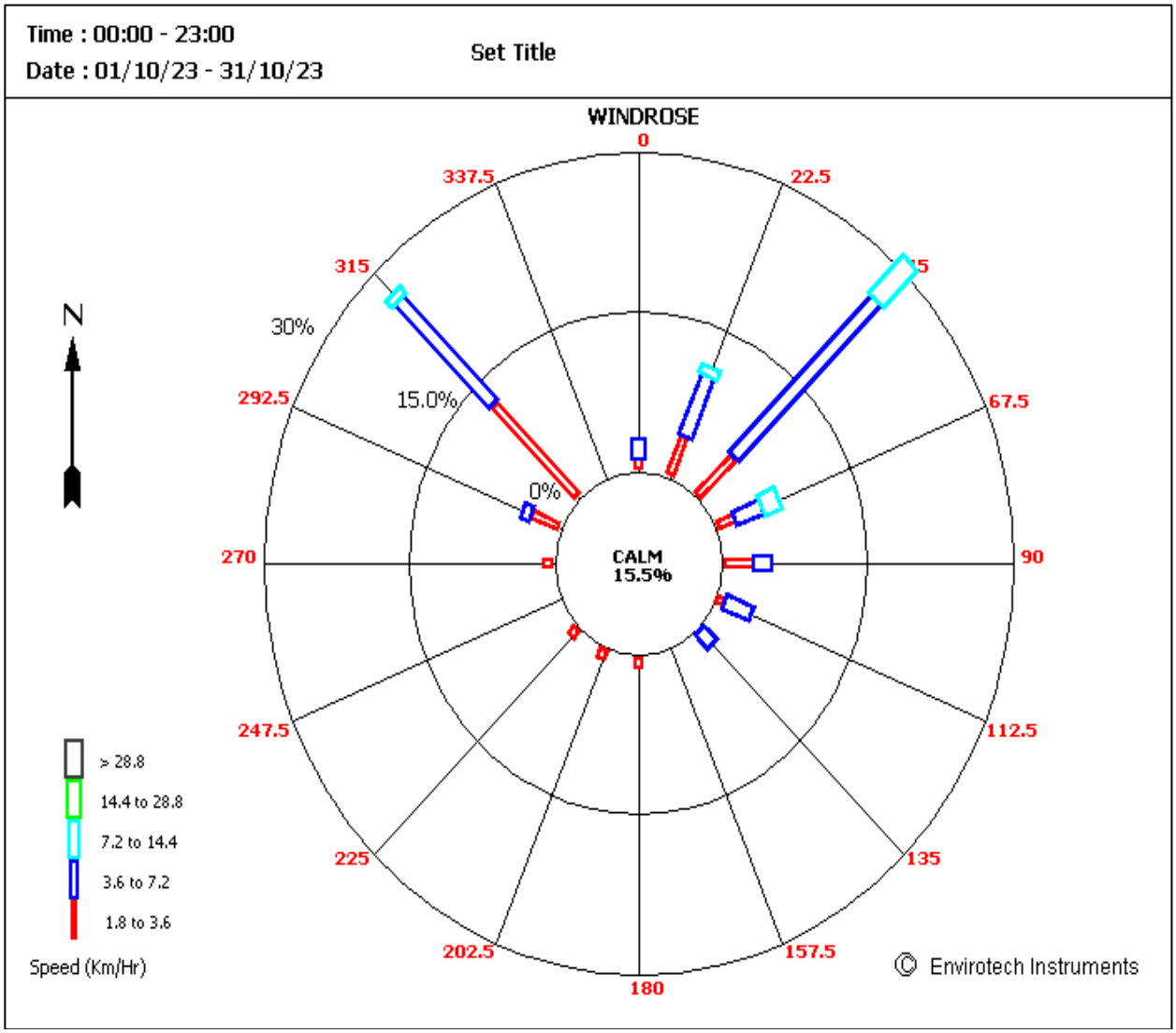
State	**Rajasthan**
District	Baran
Villages	Kawai
Land type	Barren and Stony Waste Land
Geographical Co-ordinates	24º 46' 14.62" N & 76º 44' 28.60" E.

Location Map

METEROLOGICAL DATA

AVERAGE DAILY METEROLOGICAL DATA OF OCTOBER -2023

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2023-10-01	24.2	37.0	30.2	77.2	0
2023-10-02	24.2	38.1	23.4	77.1	0
2023-10-03	23.3	37.6	22.4	74.6	0
2023-10-04	23.1	37.3	21.5	71.2	0
2023-10-05	23.1	38.1	21.2	66.4	0
2023-10-06	23.0	38.2	25.2	74.4	0
2023-10-07	24.1	37.3	27.3	70.2	0
2023-10-08	24.2	37.5	28.3	76.0	0
2023-10-09	25.1	38.1	24.2	77.2	0
2023-10-10	24.3	37.6	26.4	82.1	0
2023-10-11	23.2	37.2	22.1	79.2	0
2023-10-12	23.1	38.3	24.1	71.1	0
2023-10-13	24.2	37.5	25.1	62.2	0
2023-10-14	25.2	37.1	26.6	58.2	0
2023-10-15	24.0	37.2	25.0	63.3	0
2023-10-16	25.1	37.2	25.0	63.1	0
2023-10-17	23.5	34.3	36.4	75.2	0
2023-10-18	23.2	34.4	35.3	80.2	0
2023-10-19	23.2	35.5	26.2	75.1	0
2023-10-20	22.0	35.4	24.2	67.0	0
2023-10-21	22.1	36.4	19.6	66.0	0
2023-10-22	22.3	35.3	28.0	63.2	0
2023-10-23	22.2	34.4	28.0	68.1	0
2023-10-24	21.1	34.3	21.2	71.3	0
2023-10-25	20.2	34.3	25.1	68.1	0
2023-10-26	20.3	34.1	25.1	63.0	0
2023-10-27	19.1	34.5	19.3	72.1	0
2023-10-28	20.2	34.3	23.0	55.2	0
2023-10-29	21.4	35.5	23.1	56.2	0
2023-10-30	22.0	35.3	26.1	59.3	0
2023-10-31	23.0	34.4	25.2	57.2	0
Min	**19.1**	**34.1**	**19.3**	**55.2**	**0.0**
Max	**25.2**	**38.3**	**36.4**	**82.1**	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22.5
67.5
90
112.5
135
157.5
180
202.5
225
247.5
270
292.5
315
337.5
30%
15.0%
0%
N
CALM
15.5%
> 28.8
14.4 to 28.8
7.2 to 14.4
3.6 to 7.2
1.8 to 3.6
Speed (Km/Hr)
© Envirotech Instruments

AVERAGE DAILY METEROLOGICAL DATA OF NOVEMBER-2023

Date	Temp		Relative Humidity		Rainfall
	Min	Max	Min	Max	Total
2023-11-01	21.2	34.2	24.1	66.0	0
2023-11-02	20.0	33.5	28.3	70.2	0
2023-11-03	20.1	33.5	23.2	65.4	0
2023-11-04	20.5	35.5	21.2	62.0	0
2023-11-05	20.1	35.0	22.2	58.2	0
2023-11-06	20.2	35.1	24.0	64.1	0
2023-11-07	21.0	34.4	26.2	65.4	0
2023-11-08	21.1	34.6	28.0	66.1	0
2023-11-09	21.0	34.5	27.3	67.1	0
2023-11-10	22.0	34.6	30.1	63.3	0
2023-11-11	22.0	31.2	29.0	80.3	0
2023-11-12	18.1	30.6	36.0	90.4	0
2023-11-13	18.2	31.5	31.4	73.2	0
2023-11-14	19.0	27.4	42.3	69.4	0
2023-11-15	18.1	30.0	34.1	68.0	0
2023-11-16	18.0	29.6	34.0	69.4	0
2023-11-17	18.2	29.3	37.2	69.3	0
2023-11-18	17.2	30.2	34.1	77.1	0
2023-11-19	18.1	31.4	36.2	76.0	0
2023-11-20	20.0	30.2	41.0	82.1	0
2023-11-21	20.1	30.6	38.1	80.0	0
2023-11-22	17.0	30.4	27.6	88.2	0
2023-11-23	16.1	31.3	26.2	76.0	0
2023-11-24	18.1	29.5	33.3	73.5	0
2023-11-25	16.2	30.0	28.0	63.6	0
2023-11-26	16.0	27.5	38.1	75.0	0
2023-11-27	18.0	25.4	63.2	94.3	3.5
2023-11-28	18.0	25.1	62.0	94.2	0
2023-11-29	16.1	25.3	69.2	97.4	0
2023-11-30	19.0	27.4	65.2	97.5	0
Min	**16.0**	**25.1**	**21.2**	**58.2**	**3.5**
Max	**22.0**	**35.5**	**69.2**	**97.5**	

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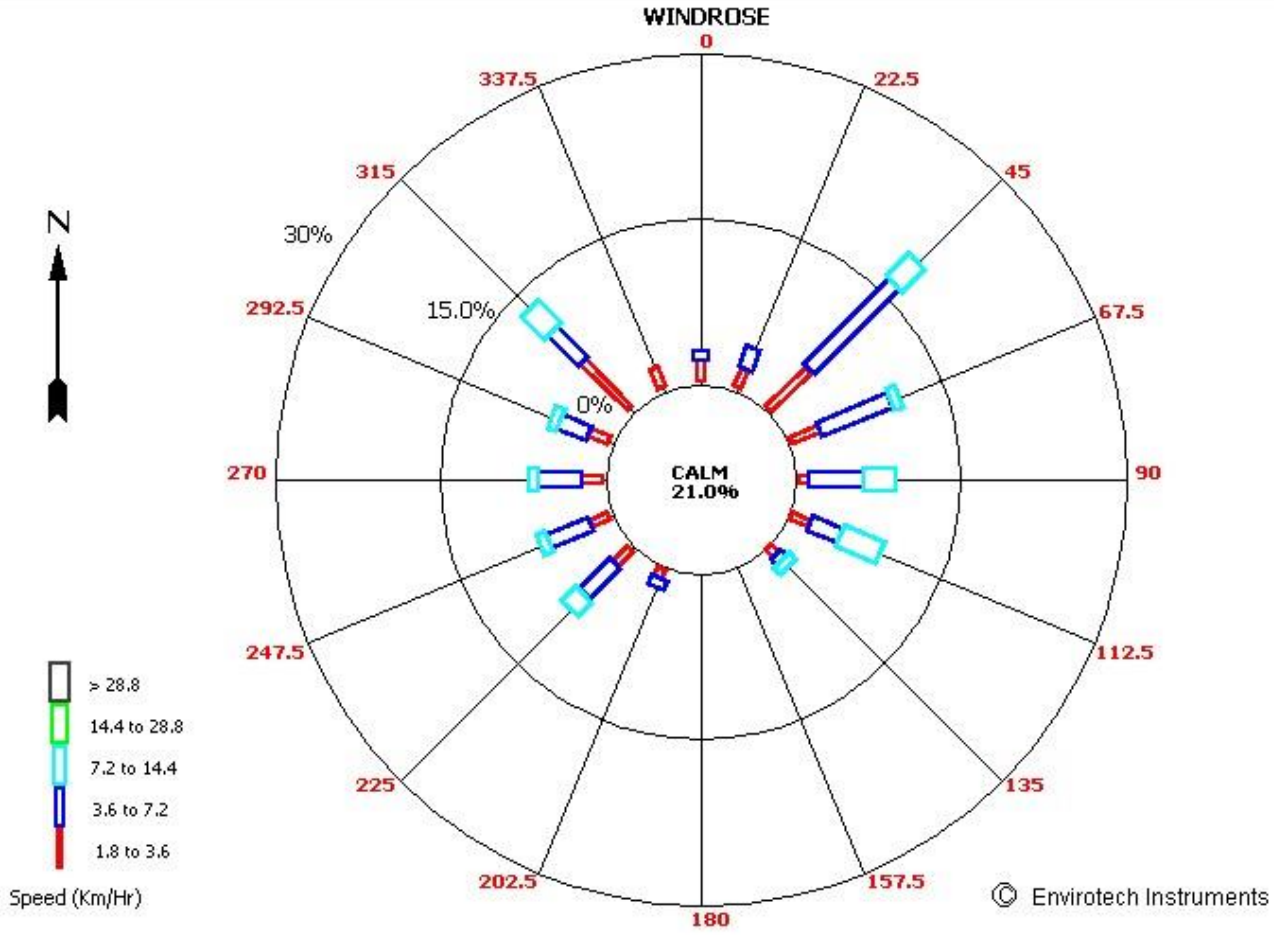

AVERAGE DAILY METEROLOGICAL DATA OF DECEMBER -2023

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2023-12-01	20.3	22.5	89.2	96.1	2.5
2023-12-02	20.2	25.0	74.0	95.6	0
2023-12-03	19.0	23.4	84.3	97.4	0
2023-12-04	19.0	22.4	87.2	97.5	26.5
2023-12-05	18.0	24.5	67.1	97.2	0
2023-12-06	18.1	25.5	64.2	94.5	0
2023-12-07	18.3	25.6	63.5	86.5	0
2023-12-08	17.2	26.5	55.0	97.1	0
2023-12-09	18.0	28.3	41.0	96.6	0
2023-12-10	15.0	26.2	45.5	93.2	0
2023-12-11	14.0	27.3	33.1	93.2	0
2023-12-12	14.0	26.5	36.0	87.0	0
2023-12-13	14.4	27.1	33.1	90.4	0
2023-12-14	14.1	27.3	29.3	82.0	0
2023-12-15	13.1	27.4	34.6	79.4	0
2023-12-16	15.1	27.4	43.1	82.1	0
2023-12-17	14.1	26.4	34.1	89.2	0
2023-12-18	13.6	25.5	36.6	82.6	0
2023-12-19	13.0	23.5	31.4	85.0	0
2023-12-20	11.6	15.4	68.3	83.2	0
2023-12-21	18.1	25.4	34.5	67.2	0
2023-12-22	14.2	24.4	40.1	80.2	0
2023-12-23	12.0	26.6	43.6	88.0	0
2023-12-24	13.0	26.6	45.1	94.6	0
2023-12-25	12.2	26.5	42.4	96.4	0
2023-12-26	12.0	28.1	38.2	96.6	0
2023-12-27	13.0	28.2	39.0	91.6	0
2023-12-28	13.1	27.2	36.0	90.1	0
2023-12-29	12.1	24.5	49.1	96.5	0
2023-12-30	14.0	25.4	57.0	93.6	0
2023-12-31	14.0	23.4	67.0	95.5	0
Min.	**11.6**	**15.4**	**29.3**	**67.2**	**29.0**
Max.	**20.3**	**28.3**	**89.2**	**97.5**	

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Date : 01/12/23 - 31/12/23

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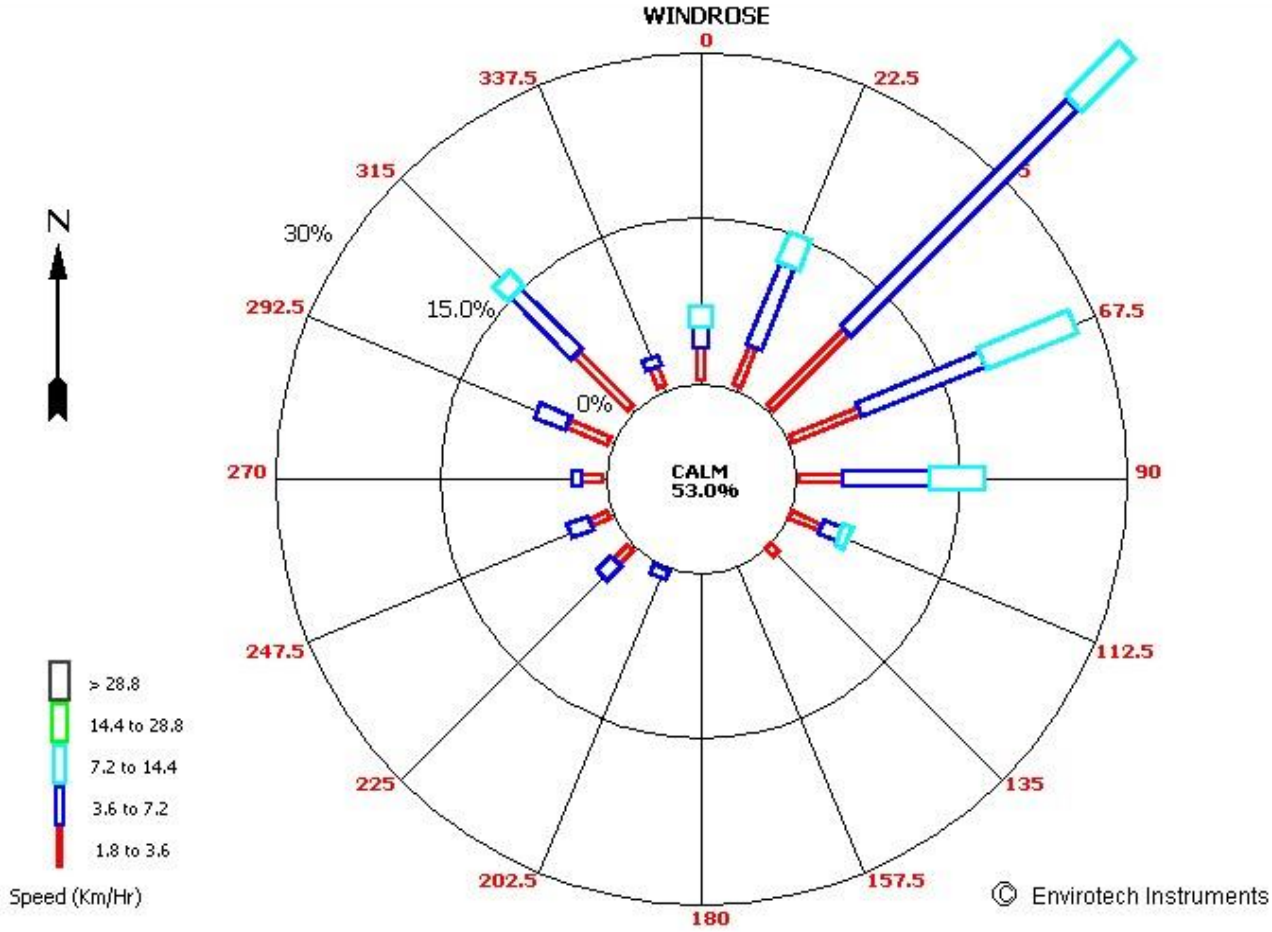

AVERAGE DAILY METEROLOGICAL DATA OF JANUARY-2024

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2024-01-01	15.0	20.0	81.0	96.4	0
2024-01-02	14.0	18.3	87.1	96.6	0
2024-01-03	15.1	18.3	90.1	97.0	0
2024-01-04	14.2	18.6	85.2	97.0	0
2024-01-05	13.1	17.5	91.1	96.5	0
2024-01-06	13.1	18.3	83.2	96.6	0
2024-01-07	10.2	19.0	84.0	96.6	0
2024-01-08	14.0	22.4	74.1	97.1	0
2024-01-09	15.0	21.0	84.0	97.0	0
2024-01-10	14.2	22.1	61.5	97.0	0
2024-01-11	10.1	25.5	41.0	96.6	0
2024-01-12	10.0	26.2	38.0	96.2	0
2024-01-13	12.2	28.0	47.3	93.3	0
2024-01-14	15.2	28.0	43.0	88.4	0
2024-01-15	13.1	26.3	34.3	86.2	0
2024-01-16	12.0	26.0	40.4	91.4	0
2024-01-17	12.1	26.6	45.3	88.1	0
2024-01-18	11.5	24.5	36.4	92.5	0
2024-01-19	9.3	24.6	28.3	93.1	0
2024-01-20	8.0	18.6	58.1	96.1	0
2024-01-21	6.1	22.4	39.5	96.2	0
2024-01-22	9.1	25.6	24.2	92.5	0
2024-01-23	10.1	25.1	27.2	89.1	0
2024-01-24	10.0	25.3	25.4	71.0	0
2024-01-25	10.3	26.2	29.3	83.2	0
2024-01-26	12.1	26.4	33.3	90.0	0
2024-01-27	12.1	26.5	33.0	87.2	0
2024-01-28	13.0	28.2	31.5	88.0	0
2024-01-29	13.1	25.5	49.3	85.1	0
2024-01-30	15.2	22.3	42.4	98.0	0
2024-01-31	16.4	28.4	37.2	84.3	0
Min.	**6.1**	**17.5**	**24.2**	**71.0**	**0.0**
Max.	**16.4**	**28.4**	**91.1**	**97.1**	

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Date : 01/01/24 - 31/01/24

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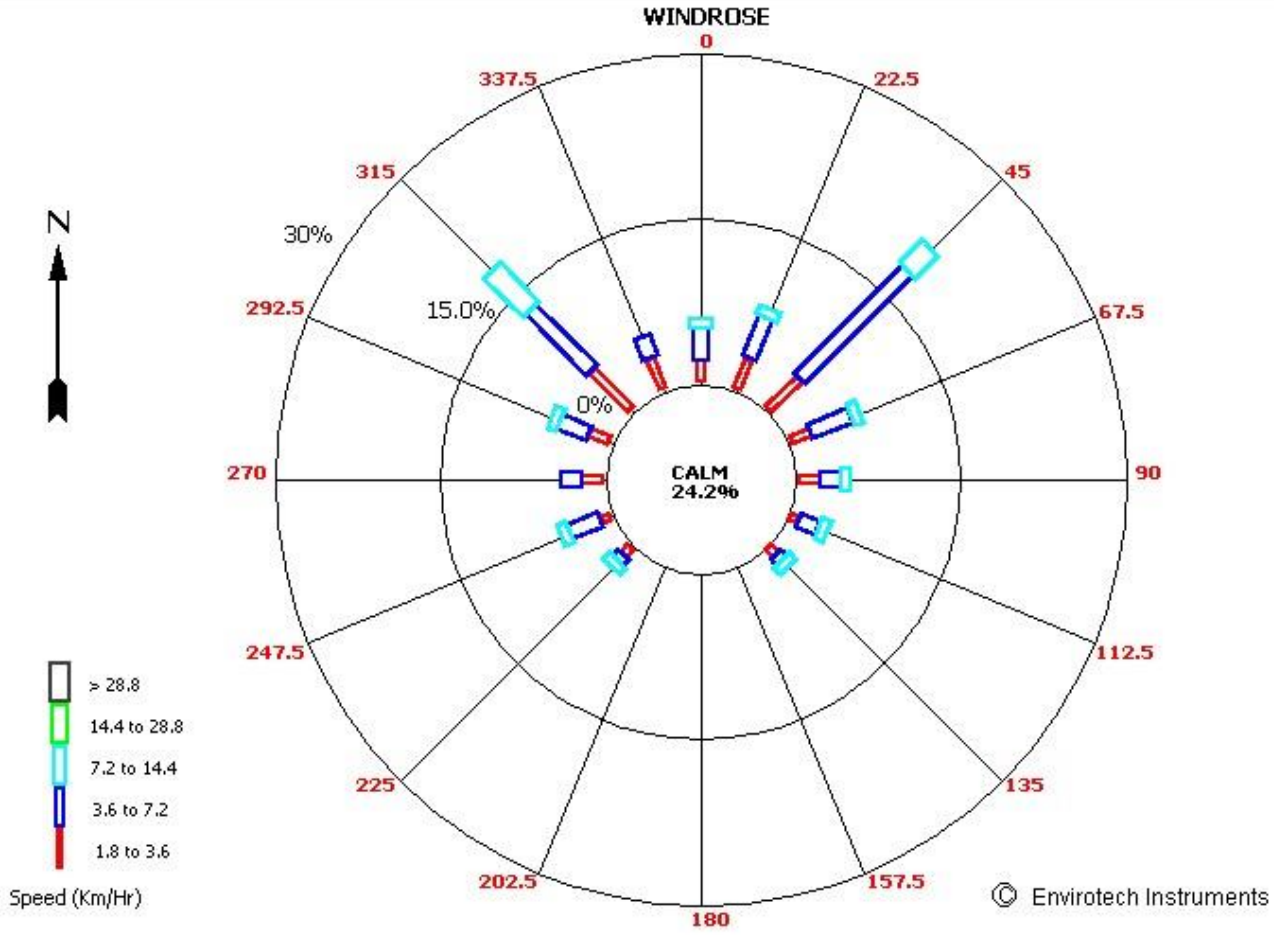

AVERAGE DAILY METEROLOGICAL DATA OF FEBRUARY- 2024

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2024-02-01	15.1	27.5	47.2	80.0	0
2024-02-02	15.2	27.3	48.2	93.0	0
2024-02-03	14.2	30.2	36.6	93.1	0
2024-02-04	18.2	29.4	43.0	90.0	0
2024-02-05	18.0	27.3	56.2	96.0	0
2024-02-06	17.0	25.5	46.5	96.4	0
2024-02-07	15.0	25.5	37.0	85.5	0
2024-02-08	13.1	24.6	19.1	67.2	0
2024-02-09	9.0	26.5	22.4	78.6	0
2024-02-10	12.2	26.5	24.2	77.0	0
2024-02-11	13.1	26.4	28.1	74.0	0
2024-02-12	13.2	28.3	39.3	79.3	0
2024-02-13	15.3	28.5	43.2	84.5	0
2024-02-14	18.0	28.4	37.3	83.4	0
2024-02-15	15.1	28.6	30.2	83.5	0
2024-02-16	14.6	31.4	23.4	83.5	0
2024-02-17	15.2	31.3	27.0	81.3	0
2024-02-18	16.0	33.5	24.0	68.0	0
2024-02-19	18.0	33.5	21.4	63.3	0
2024-02-20	19.1	33.1	27.2	61.3	0
2024-02-21	19.4	30.3	38.0	71.3	0
2024-02-22	17.3	29.5	26.3	84.5	0
2024-02-23	16.2	28.4	24.2	76.0	0
2024-02-24	17.0	30.3	24.1	67.4	0
2024-02-25	17.0	27.6	26.2	56.1	0
2024-02-26	17.2	27.4	28.3	50.2	0
2024-02-27	18.1	25.4	38.0	53.5	0
2024-02-28	15.0	30.4	27.3	75.3	0
2024-02-29	15.1	33.4	23.2	72.1	0
Min.	**9.0**	**24.6**	**19.1**	**50.2**	**0.0**
Max.	**19.4**	**33.5**	**56.2**	**96.4**	

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Date : 01/02/24 - 13/02/24

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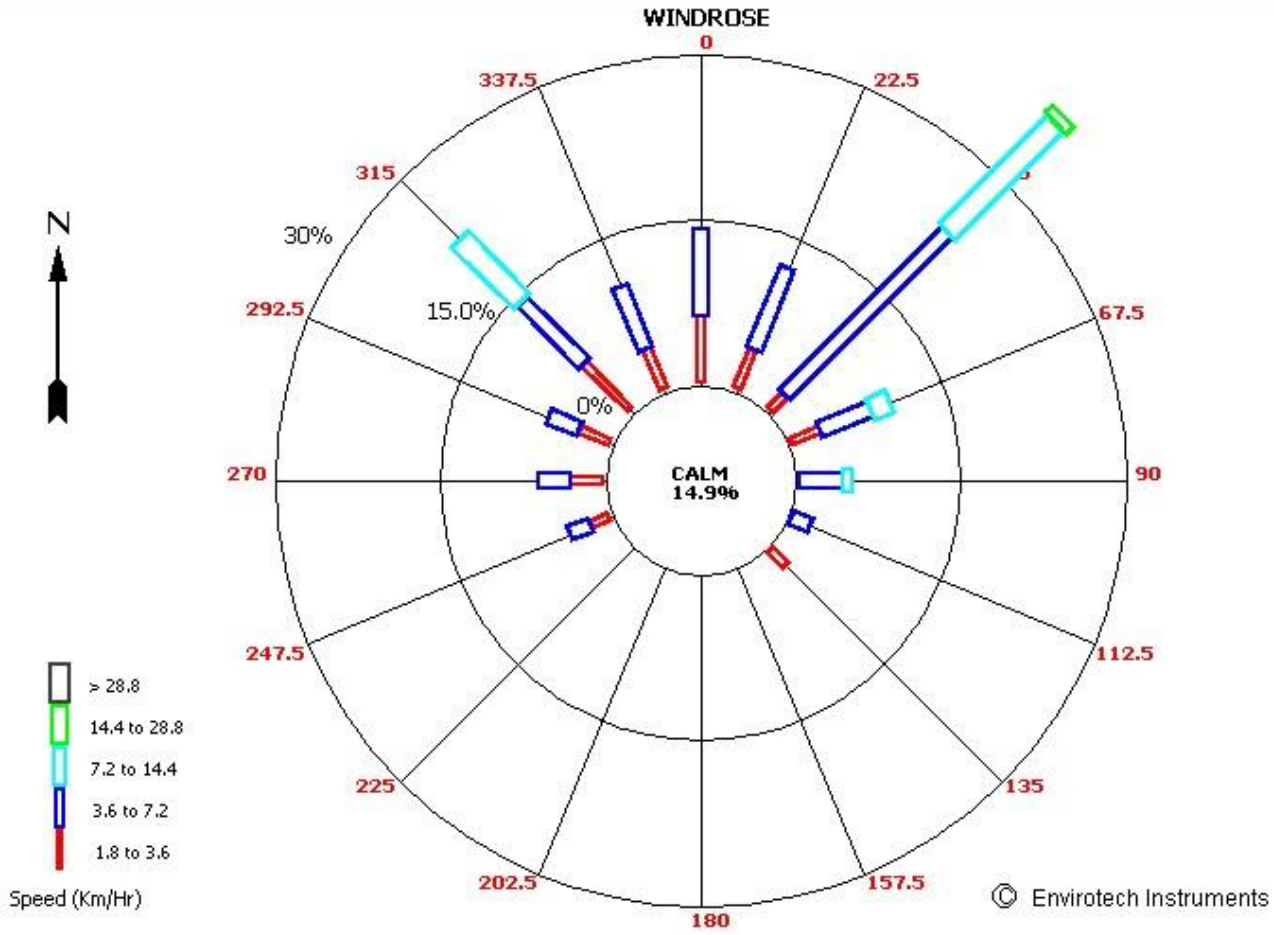
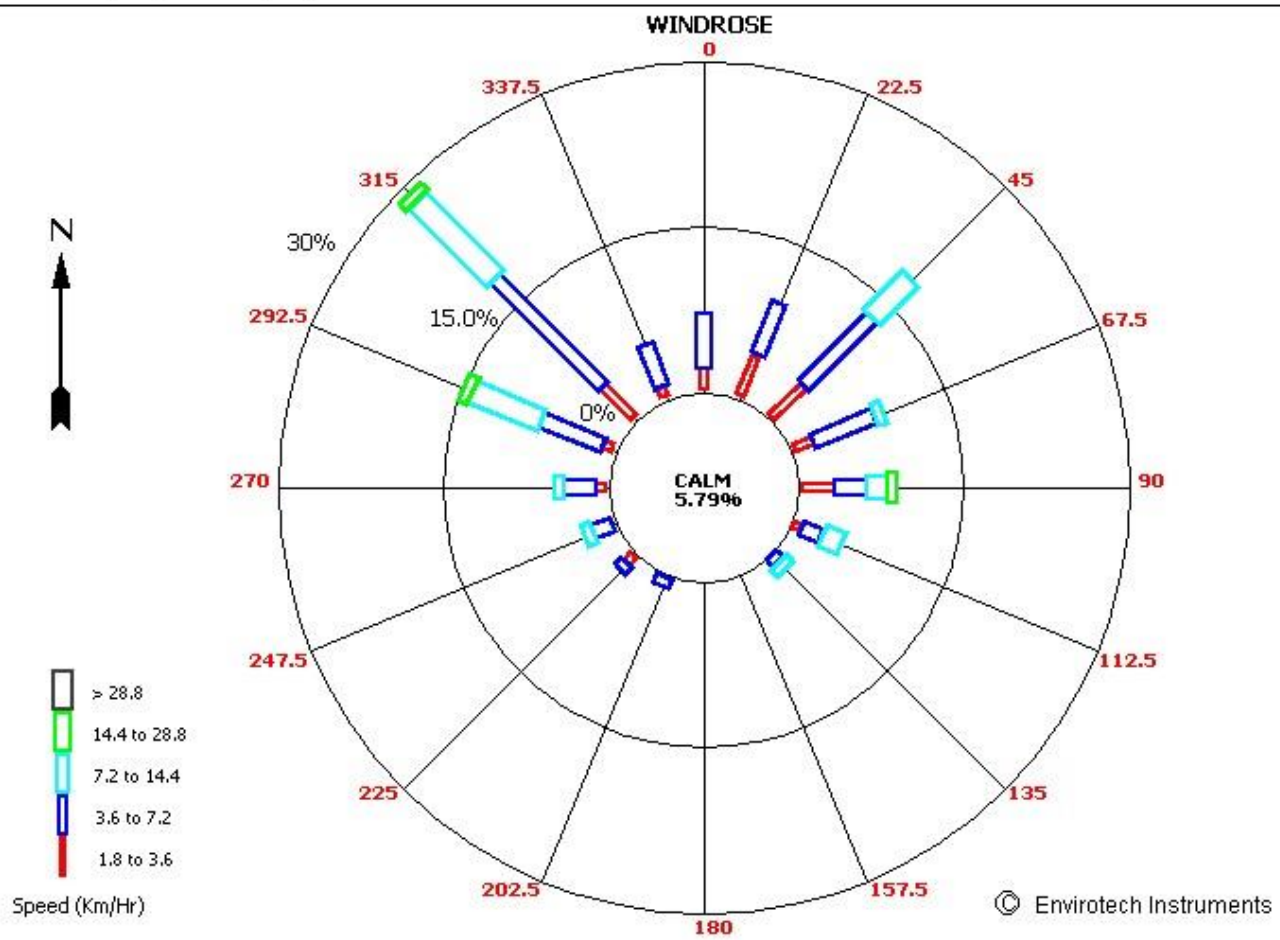


AVERAGE DAILY METEROLOGICAL DATA OF MARCH- 2024

Date	Temp (Deg C)		Relative Humidity (%)		Rainfall (mm)
	Min	Max	Min	Max	Total
2024-03-01	19.1	37.2	23.5	77.2	1.6
2024-03-02	20.0	31.4	45.0	89.3	1
2024-03-03	19.1	28.5	22.4	95.4	0
2024-03-04	15.0	27.5	23.3	62.0	0
2024-03-05	14.0	29.4	22.2	70.4	0
2024-03-06	15.1	31.2	23.3	63.5	0
2024-03-07	16.0	31.5	22.3	75.4	0
2024-03-08	17.0	32.5	20.0	66.4	0
2024-03-09	18.0	32.3	23.0	61.3	0
2024-03-10	18.0	34.4	22.1	66.6	0
2024-03-11	21.3	35.6	23.2	62.3	0
2024-03-12	21.2	35.2	20.1	61.3	0
2024-03-13	19.6	35.4	17.3	59.0	0
2024-03-14	21.0	33.5	23.2	49.1	0
2024-03-15	21.1	34.1	21.2	56.1	0
2024-03-16	20.0	33.5	19.3	57.0	0
2024-03-17	20.2	35	18	45.2	0
2024-03-18	21.1	34.4	17.1	45.3	0
2024-03-19	20.2	34.5	14.1	44.5	0
2024-03-20	19.3	35.3	15	47	0
2024-03-21	20	36	14.3	54.3	0
2024-03-22	21.1	38	15	61	0
2024-03-23	22.1	39.2	12.1	41.3	0
2024-03-24	24	37.5	19.2	34.1	0
2024-03-25	23.2	38.6	20.1	48.2	0
2024-03-26	23.2	37.3	19	47.6	0
2024-03-27	25.1	41.4	15.1	39.2	0
2024-03-28	27.2	41.5	17	40.4	0
2024-03-29	26	40.4	17.2	42.1	0
2024-03-30	28	40.2	17.6	41.6	0
2024-03-31	26.4	38.3	13.1	36.2	0
Min.	**14.0**	**27.5**	**12.1**	**34.1**	**2.6**
Max.	**28.0**	**41.5**	**45.0**	**95.4**	

Time : 11:00 - 23:00
Date : 01/03/24 - 31/03/24

Set Title



4 AMBIENT AIR QUALITY

Air quality monitoring is carried out to assess the extent of pollution, ensure compliance with national legislation, evaluate control options, and provide data for air quality modeling. There are a number of different methods to measure any given pollutant, varying in complexity, reliability, and detail of data.

The locations for monitoring stations depend on the purpose of the monitoring. Most monitoring networks are designed with human health objectives in mind, and monitoring stations are therefore established in population center.

The measurements were conducted during the period of **October-2023 to March-2024**

The air samples were analyzed as per the standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring are given in table as below:

TABLE 4.1 TECHNICAL PROTOCOLS USED FOR AMBIENT AIR QUALITY MONITORING.

S. No.	Parameter	Protocol Followed
1	Particulate Matter, $PM_{10,}$ µg/m^3	IS: 5182 (P-23)
2	Particulate Matter, $PM_{2.5,}$ µg/m^3	CPCB Guidelines (Gravimetric Method)
3	Nitrogen Dioxide (NO_2), µg/m^3	IS: 5182 (P-6)
4	Sulphur Dioxide (SO_2), µg/m^3	IS: 5182 (P-2)
5	Carbon Monoxide, µg/m^3	IS: 5182 (P-10)
6	Ammonia, µg/m^3	CPCB Guidelines
7	Ozone, µg/m^3	APHA 1977, Part819
8	Lead, µg/m^3	IS: 5182 (P-22)
9	Arsenic, ng/m^3	IS: 5182 (P-22)
10	Nickel, ng/m^3	IS: 5182 (P-22)
11	Benzene, µg/m^3	IS: 5182 (P-11)
12	Benzo-alfa-pyrene, ng/m^3	CPCB Guidelines
13	Mercury (Hg), ng/m^3	APHA 2012: 3112 B

4.1 AMBIENT AIR QUALITY RESULTS

The detailed on-site monitoring results of ambient air quality are presented in table as given below:

TABLE 4.2: AMBIENT AIR QUALITY MONITORING RESULTS

Quarter III (October- 2023 to December-2023)								
S. No.	**Parameter**	**West of Stack (Near Coal Handling Plant)**	**Southeast of Stack (Near CT 2)**	**Northeast of Stack (Near Reservior)**	**Sidni (Near Labour Colony)**	**Kawai Village**	**Mukhandpura**	**NAAQ Standard**
1	Particulate Matter, PM_{10}, µg/m^3	78.3	72.4	70.4	76.2	73.8	78.3	100
2	Particulate Matter, $PM_{2.5}$, µg/m^3	34.0	37.2	35.6	35.0	39.4	32.4	60
3	Nitrogen Dioxide (NO_2), µg/m^3	18.3	16.8	21.8	19.40	21.23	18.6	80
4	Sulphur Dioxide (SO_2), µg/m^3	6.42	7.24	7.36	7.46	6.84	6.24	80
5	Carbon Monoxide, mg/m^3	0.8	0.7	0.6	0.7	0.6	0.8	4
6	Ammonia, µg/m^3	2.90	2.00	3.10	2.70	2.20	3.21	400
7	Ozone, µg/m^3	3.24	1.80	2.65	3.46	3.08	3.60	100
8	Lead, µg/m^3	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	1.0
9	Arsenic, ng/m^3	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	6.0
10	Nickel, ng/m^3	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	20
11	Benzene, µg/m^3	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	5.0
12	Benzo-alfa-pyrene, ng/m^3	BLQ (LOQ 0.5)	BLQ (LOQ0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	1.0
13	Mercury (Hg), ng/m^3	BLQ (LOQ:0.5)	BLQ (LOQ0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	BLQ (LOQ:0.5)	-

Quarter IV (January -2024 to March- 2024)								
S. No.	**Parameter**	**West of Stack (Near Coal Handling Plant)**	**South East of Stack (Near CT 2)**	**North East of Stack (Near Reservoir)**	**Sidni (Near Labour Colony)**	**Kawai Village**	**Mukundpura**	**NAAQ Standard**
1	Particulate Matter, $PM_{10,}$ $\mu g/m^3$	72.55	65.59	66.85	68.76	70.89	71.46	100
2	Particulate Matter, $PM_{2.5,}$ $\mu g/m^3$	30.45	35.88	28.54	29.54	32.21	31.29	60
3	Nitrogen Dioxide (NO_2), $\mu g/m^3$	19.80	24.21	20.63	22.30	21.51	22.82	80
4	Sulphur Dioxide (SO_2), $\mu g/m^3$	6.89	7.51	7.47	7.25	6.90	8.08	80
5	Carbon Monoxide, $\mu g/m^3$	0.5	0.4	0.3	0.8	0.6	0.4	4
6	Ammonia, $\mu g/m^3$	4.10	3.22	2.74	3.38	5.06	2.55	400
7	Ozone, $\mu g/m^3$	2.64	3.85	3.08	2.95	4.84	3.39	180
8	Lead, $\mu g/m^3$	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)	BLQ (LOQ0.0005)	BLQ (LOQ 0.0005)	BLQ (LOQ0.0005)	BLQ (LOQ 0.0005)	1.0
9	Arsenic, ng/m^3	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	6.0
10	Nickel, ng/m^3	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	20
11	Benzene, $\mu g/m^3$	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	5.0
12	Benzo-alfa-pyrene, ng/m^3	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	1.0
13	Mercury (Hg), ng/m^3	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	BLQ (LOQ 0.5)	-

5 AMBIENT NOISE LEVEL

The measurements are done using the sound level meter. The results of the same are provided below. [Note: (i) The value is the Leq of ten readings taken in Day time and Nighttime.]

1. Day time shall mean from 6:00 am to 10:00 pm
2. Nighttime shall mean from 10:00 pm to 6:00 am.

TABLE 5.1: NOISE MONITORING RESULTS [INDUSTRIAL AREA]

Quarter III (October-2023 to December-2023)		
Location	**Day Time Leq in dB(A)**	**Night-Time Leq in dB(A)**
West of Stack (Near Coal Handling Plant)	65.3	56.1
Southeast of Stack (Near CT 2)	63.8	52.3
Northeast of Stack (Near Reservoir)	59.5	50.1

Quarter IV (January-2024 to March- 2024)		
Location	**Day Time Leq in dB(A)**	**Nighttime Leq in dB(A)**
West of Stack (Near Coal Handling Plant)	71.6	56.7
Southeast of Stack (Near CT 2)	69.6	61.7
Northeast of Stack (Near Reservoir)	72.3	55.1

TABLE 5.2: NOISE MONITORING RESULTS [RESIDENTIAL AREA]

Quarter III (October-2023 to December-2023)		
Location	**Day Time Leq in dB(A)**	**Night-time Leq in dB(A)**
Sidni (Near Labour Colony)	53.8	40.6
Kawai Village	54.6	42.1
Mukhandpura	52.1	41.6

Quarter IV (January -2024 to March- 2024)		
Location	**Day Time Leq in dB(A)**	**Night-time Leq in dB(A)**
Sidni (Near Labour Colony)	51.8	42.4
Kawai Village	52.6	41.3
Mukhandpura	53.9	41.5

TABLE 5.3: NOISE MONITORING RESULTS [DG Set]

Quarter IV (January-2024 to March- 2024)			
Parameter	DG Set-I	DG Set-II	DG Set-III
Noise level 1 meter away from the acoustic enclosure surface (North)-5 minutes (dB(A).	74.2	71.4	71.4
Noise level 1 meter away from the acoustic enclosure surface (East)-5 minutes (dB(A).	71.0	71.0	71.0
Noise level 1 meter away from the acoustic enclosure surface (South)-5 minutes (dB(A).	72.0	72.8	73.8
Noise level 1 meter away from the acoustic enclosure surface (West)-5 minutes (dB(A).	70.5	71.7	72.4
Noise level 1 meter away from the acoustic enclosure surface (Top)-5 minutes (dB(A).	72.4	71.6	71.5

6 STACK

Emission measurements are required to identify and quantify a wide range of pollutants in Stack Emissions. The measurements were conducted during the period of October 2023 to March 2024.

The parameters covered in the monitoring are depict below:

TABLE 6.1 TECHNICAL PROTOCOLS USED FOR STACK EMISSION MONITORING

S. No	Parameter	Units	Method of Test
1	Particulate Matter (PM)	mg/ Nm^3	IS 11255 (P-1)
2	Sulphur dioxide (SO_2)	mg/ Nm^3	IS 11255 (P-2)
3	Oxide of nitrogen (NO_x),	mg/ Nm^3	IS:11255 (P-7)
4	Carbon monoxide (CO)	%	IS:13270-1992
5	Mercury as particulate (Hgp)	µg/m^3	USEPA-29

TABLE 6.2: STACK MONITORING RESULTS

S. No	Parameter	Unit	Quarter III (October-2023 to December-2023)	
			Unit-I	Unit-II
1	Exit Gas Velocity	m/sec	25.2	24.7
2	Flow Rate	Nm^3/hr	32066	31381
3	Particulate Matter (PM)	mg/Nm^3	38.5	33.2
4	Sulphur dioxide (SO_2)	mg/Nm^3	578	573
5	Oxide of nitrogen (as NO_x) at 15 % O_2	mg/Nm^3	194	199
6	Mercury as particulate (Hgp)	mg/Nm3	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)

S. No	Parameter	Unit	Quarter IV (January- 2024 to March-2024)	
			Unit-I	Unit-II
1	Exit Gas Velocity	m/sec	27.0	27.2
2	Flow Rate	Nm^3/hr	57978	57165
3	Particulate Matter (PM)	mg/Nm^3	35.56	37.39
4	Sulphur dioxide (SO_2)	mg/Nm^3	725	743
5	Oxide of nitrogen (as NO_x) at 15 % O_2	mg/Nm^3	243	235
6	Mercury as particulate (Hgp)	mg/Nm3	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)

TABLE 6.3: DG STACK MONITORING RESULTS

Parameter	Unit	Quarter IV (January 2024 to March 2024)		
		DG Set-I	DG Set-II	DG Set-III
Particulate Matter (PM)	mg/Nm³	19.86	19.61	18.98
Oxide of Nitrogen (NOx) at15% O_2	ppmv	14.50	15.44	12.78
Carbon monoxide (CO)	mg/Nm³	47.91	38.53	41.48
NMHC as C at 15% O_2	mg/Nm³	BLQ(LOQ 2.0)	BLQ(LOQ 2.0)	BLQ(LOQ 2.0)

7 WATER QUALITY RESULTS [GROUND/ SURFACE]

A number of parameters have been monitored in ground water and surface water at nearby villages of plant site.

The measurements were conducted during the period of October-2023 to March-2024 The parameters covered in the monitoring are depict below:

TABLE 7.1.1: RESULTS OF GROUND WATER MONITORING

Quarter III (October-2023 to December- 2023)									
S. No.	**Parameter**	**Near Labour Colony SE (Piezometer)**	**Salpura Village**	**Kawai Village**	**Phoolbaroda Village**	**Nimoda Village**	**Sidni Village**	**Baldevpura Village**	**Nimoda Railway crossing (Piezometer)**
1	pH (at 25 °C)	7.35	7.60	7.59	7.11	7.62	7.39	7.52	7.17
2	Colour, Hazen	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
3	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	<1	<1	<1	<1	<1	<1	<1	<1
5	Total Dissolved Solids, mg/l	342	338	350	140	143	324	34.2	351
6	Total Hardness (as $CaCO_3$), mg/l	88.9	112	118	12.0	38.2	168	145	124
7	Calcium (as Ca), mg/l	21.1	37.0	40.2	2.40	8.54	34.5	28.1	31.2
8	Magnesium (as Mg), mg/l	8.24	12.0	13.8	1.39	5.20	15.8	17.5	13.1
9	Chlorides (as Cl^-), mg/l	58.3	73.5	73.0	17.9	17.3	45.2	55.2	44.8
10	Fluorides (as F) mg/l	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)	BLQ (<0.2)
11	Sulphate (as SO_4), mg/l	28.1	8.05	8.10	2.15	5.39	7.35	13.5	22.0

12	Free Residual Chlorine mg/l	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ 0.05)	BLQ (LOQ:0.05)
13	Iron (as Fe), mg/l	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)
14	Total Chromium (as Cr), mg/l	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)	BLQ (<0.005)
15	Arsenic (as As), mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
16	Lead (as Pb), mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
17	Cyanide (as CN) mg/l	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)
18	Mercury, mg/l	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.00005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)
19	Copper mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
20	Manganese (as Mn) mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
21	Nitrate (as NO_3) mg/l	BLQ (LOQ:0.5)	1.39	1.82	4.58	4.85	BLQ (LOQ:0.5)	3.05	1.06
22	Zinc (as Zn) mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
23	Cadmium (as Cd)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)

24	E coli MPN/100ml	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25	Total coliform, MPN/100ml	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

Quarter IV (January-2024 to March-2024)									
S. No.	**Parameter**	**Near Labour Colony SE (Piezometer)**	**Salpura Village**	**Kawai Village**	**Phoolbaroda Village**	**Nimoda Village**	**Sidni Village**	**Baldevpura Village**	**NW of Ash Dyke near Nimoda Railway station (Piezometer)**
1	pH (at 25 °C)	7.12	7.49	7.11	7.24	7.13	7.34	7.24	7.25
2	Colour, Hazen	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3	Odour	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
5	Total Dissolved Solids, mg/l	331	327	361	149	149	331	334	324
6	Total Hardness (as $CaCO_3$), mg/l	90.2	118	122	17.6	45.1	157	153	110
7	Calcium (as Ca), mg/l	20.4	23.6	23.6	3.93	8.64	34.6	36.1	23.6
8	Magnesium (as Mg), mg/l	9.55	14.3	15.3	1.91	5.73	17.2	15.3	12.4
9	Chlorides (as Cl^-), mg/l	61.9	75.7	72.2	19.3	16.5	41.3	51.6	48.1
10	Fluorides (as F) mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)

11	Sulphate (as SO_4), mg/l	27.6	7.17	7.83	8.00	4.17	7.04	12.8	21.5
12	Free Residual Chlorine mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ0.05)	BLQ (LOQ 0.05)	BLQ (LOQ0.05)	BLQ (LOQ0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
13	Iron (as Fe), mg/l	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)
14	Total Chromium (as Cr), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
15	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
16	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
17	Cyanide (as CN) mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
18	Mercury, mg/l	BLQ (LOQ0.0005)	BLQ (LOQ0.0005)	BLQ (LOQ0.0005)	BLQ (LOQ0.0005)	BLQ (LOQ0.0005)	BLQ (LOQ0.0005	BLQ (LOQ0.0005)	BLQ (LOQ0.0005)
19	Copper mg/l	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)
20	Manganese (as Mn) mg/l	BLQ (LOQ0.005)	0.09	0.02	0.03	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)
21	Nitrate (as NO_3) mg/l	1.80	1.35	1.57	4.47	4.70	BLQ (LOQ 0.5)	2.96	0.97
22	Zinc (as Zn) mg/l	BLQ (LOQ0.005)	BLQ (LOQ0.005)	0.01	2.64	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)
23	Cadmium (as Cd)	BLQ (LOQ0.001)	BLQ (LOQ0.001)	BLQ (LOQ0.001)	BLQ (LOQ0.001)	BLQ (LOQ0.001)	BLQ (LOQ0.001)	BLQ (LOQ0.001)	BLQ (LOQ0.001)
24	E coli MPN/100ml	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
25	Total coliform, MPN/100ml	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent

7.2 SURFACE WATER:

TABLE 7.2.1: RESULTS OF SURFACE WATER MONITORING

Quarter III (October-2023 to December-2023)				
S. No.	**Parameter**	**Barlan Pond**	**Kawai Pond**	**Parvan River**
1	pH (at 25 °C)	7.55	7.25	7.43
2	Odour	Agreeable	Agreeable	Agreeable
3	Colour, Hazen	BLQ (LOQ:1.0)	BLQ (LOQ:1.0)	BLQ (LOQ:1.0)
4	Turbidity, NTU	BLQ (LOQ:1.0)	BLQ (LOQ:1.0)	BLQ(LOQ:1.0)
5	Total Dissolved Solids, mg/l	138	312	297
6	Calcium (as Ca), mg/l	11.8	24.1	39.5
7	Chlorides (as Cl^-), mg/l	17.9	32.6	42.1
8	Fluorides (as F) mg/l	BLQ (LOQ:0.2)	BLQ (LOQ:0.2)	BLQ (LOQ:0.2)
9	Free Residual Chlorine mg/l	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)	BLQ (LOQ:0.05)
10	Iron (as Fe), mg/l	BLQ (LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)
11	Magnesium (as Mg), mg/l	3.21	7.42	18.3
12	Sulphate (as SO_4), mg/l	2.94	32.1	5.02
13	Total Hardness (as $CaCO_3$), mg/l	38.5	89.5	154
14	Cyanide (as CN) mg/l	BLQ (LOQ 0.02)	BLQ (LOQ:0.02)	BLQ (LOQ:0.02)
15	Copper (as Cu) mg/l	BLQ (LOQ:0.005)	BLQ LOQ:0.005)	BLQ(LOQ:0.005)
16	Nitrate (as NO_3) mg/l	4.51	5.01	2.21
17	Zinc (as Zn) mg/l	BLQ (LOQ:0.005)	BLQ(LOQ:0.005)	BLQ (LOQ:0.005)
18	Cadmium (as Cd) mg/l	BLQ (LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)
19	Lead (as Pb), mg/l	BLQ (LOQ0.005)	BLQ (LOQ0.005)	BLQ (LOQ0.005)

20	Mercury, mg/l	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)
21	Arsenic (as As), mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
22	Total Chromium (as Cr) mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
23	E coli MPN/100ml	Absent	Absent	Absent
24	Total coliform, MPN/100ml	Absent	Absent	Absent

Quarter IV (January-2024 to March-2024)				
S. No.	**Parameter**	**Barlan Pond**	**Kawai Pond**	**Parvan River**
1	pH (at 25 °C)	7.05	7.14	7.26
2	Odour	Agreeable	Agreeable	Agreeable
3	Colour, Hazen	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
4	Turbidity, NTU	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
5	Total Dissolved Solids, mg/l	124	303	278
6	Calcium (as Ca), mg/l	9.43	18.9	36.1
7	Chlorides (as Cl^-), mg/l	16.5	34.4	41.3
8	Fluorides (as F) mg/l	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)	BLQ (LOQ 0.2)
9	Free Residual Chlorine mg/l	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)	BLQ (LOQ 0.05)
10	Iron (as Fe), mg/l	BLQ (LOQ 0.1)	BLQ (LOQ 0.1)	BDL (LOQ 0.1)
11	Magnesium (as Mg), mg/l	4.77	9.55	16.2
12	Sulphate (as SO_4), mg/l	3.38	33.2	2.99
13	Total Hardness (as $CaCO_3$), mg/l	43.1	86.2	157
14	Cyanide (as CN) mg/l	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)	BLQ (LOQ 0.02)
15	Copper (as Cu) mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ LOQ 0.005)
17	Manganese (as Mn) mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	0.01
17	Nitrate (as NO_3) mg/l	4.16	4.82	2.01

18	Zinc (as Zn) mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
19	Cadmium (as Cd) mg/l	BLQ (LOQ 0.001)	BLQ LOQ 0.001)	BLQ LOQ 0.001)
20	Lead (as Pb), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
21	Mercury, mg/l	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)
22	Arsenic (as As), mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
23	Total Chromium (as Cr) mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
24	E coli MPN/100ml	Absent	Absent	Absent
25	Total coliform, MPN/100ml	Absent	Absent	Absent

8 STP WATER

The measurements were conducted during the period of October-2023 to march-2024. The parameters covered in the monitoring are depict below:

TABLE 8.1: RESULTS OF STP WATER

Quarter III (October-2023 to December-2023)											
S. No.	**Parameter**	**45 KLD Adani Vidhayala New**	**10 KLD STP Near Service Building)**	**10 KLD STP Plant Canteen**	**45 KLD STP near Adani Vidhayala (Old)**	**120 KLD STP in Plant Premises**	**60 KLD Township New**	**10 KLD SN III Guest House**	**10KLD 3 BHK**	**60KLD STP in Township (Old)**	**10KLD Health centre**
1	pH (at 25°C)	7.36	7.32	7.68	7.38	7.38	7.22	7.42	7.36	7.22	7.35
2	Total Suspended Solid (TSS) mg/l	31.2	22.0	18.0	45.0	20.0	27.3	35.0	<5.0	23.2	28.3
3	Nitrate Nitrogen mg/l	3.81	4.81	3.50	4.93	5.4	5.82	2.8	6.0	6.12	4.21
4	Ammonical Nitrogen (as NH_3-N) mg/l	8.71	18.0	8.2	13.5	7.8	7.13	12.3	6.4	6.72	13.1
5	Biochemical Oxygen Demand (BOD) mg/l	12.0	9.6	7.5	12.1	6.5	11.8	10.5	8.0	4.3	8.3
6	Chemical Oxygen Demand (COD) mg/l	39.1	48.4	22.5	46.2	25.0	35.1	58.0	18.0	15.2	23.8
7	Sulphide (as S) mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
8	Total Kjeldahl Nitrogen mg/l	12.4	24.2	12.5	15.1	15.4	14.2	17.5	15.8	13.1	15.3
9	Oil & Grease mg/l	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
10	Free Available Chlorine mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11	Bioassay Test	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent

Quarter IV (January-2024 to March-2024)											
S. No.	**Parameter**	**45 KLD Adani Vidhayala New**	**10 KLD STP Near Service Building)**	**10 KLD STP Plant Canteen**	**45 KLD STP near Adani Vidhayala (Old)**	**120 KLD STP in Plant Premises**	**60 KLD Township New**	**10 KLD SN III Guest House**	**10KLD 3 BHK**	**60KLD STP in Township (Old)**	**10KLD Health centre**
1	pH (at 25°C)	7.39	7.55	7.45	7.19	7.48	7.34	7.35	7.16	7.52	7.21
2	Total Suspended Solid (TSS) mg/l	35.3	16.1	12.2	41.5	14.0	29.1	31.0	<5.0	25.6	24.3
3	Nitrate Nitrogen mg/l	3.24	5.29	3.34	4.66	5.62	4.70	2.84	5.36	5.88	4.05
4	Ammonical Nitrogen (as NH_3-N) mg/l	7.29	3.60	3.11	12.8	3.50	8.51	11.5	5.47	7.90	12.2
5	Biochemical Oxygen Demand (BOD) mg/l	8.25	8.3	4.78	9.21	5.66	9.75	9.67	5.00	3.55	7.17
6	Chemical Oxygen Demand (COD) mg/l	43.5	47.4	19.8	47.4	23.7	39.5	59.3	19.8	15.8	27.7
7	Sulphide (as S) mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
8	Total Kjeldahl Nitrogen mg/l	14.8	12.1	14.8	12.9	14.8	14.8	18.4	16.6	12.9	12.9
9	Oil & Grease mg/l	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
10	Free Available Chlorine mg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
11	Bioassay Test	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% dilution	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent	100% Survival of Fish after 96 hours in 100% effluent

9 ETP WATER

The measurements were conducted during the period of October-2023 to March-2024. The parameters covered in the monitoring are depicted as below:

TABLE 9.1: RESULTS OF ETP OUTLET

Quarter III & IV				
S. No.	**Parameter**	**Unit**	**Result October-2023 to December 2023**	**Result January 2024 to March -2024**
1	pH	-	7.37	7.27
2	Total Suspended Solids (TSS)	mg/l	28.0	31.0
3	Temperature	ºC	26.1	25.3
4	Chemical Oxygen Demand (COD), mg/l	mg/l	56.0	51.4
5	Copper (as Cu), mg/l	mg/l	BLQ(LOQ:0.005)	BLQ (LOQ 0.05)
6	Iron (as Fe) mg/l	mg/l	BLQ (LOQ:0.1)	BLQ (LOQ 0.1)
7	Zinc (as Zn) mg/l	mg/l	BLQ (LOQ:0.005)	BLQ (LOQ 0.05)
8	Phosphate (as P), mg/l	mg/l	BLQ(LOQ:0.1)	BLQ (LOQ 0.1)
9	Oil & Grease, mg/l	mg/l	BLQ(LOQ:4.0)	BLQ (LOQ 4.0)
10	Sulphide (as H_2S)	mg/l	BLQ(LOQ;1.0)	BLQ (LOQ 1.0)
11	Free Available Chlorine	mg/l	BLQ(LOQ:1.0)	BLQ (LOQ 1.0)

10 ASH RECOVERY WATER

The measurements were conducted during the period of October-2023 to March-2024. The parameters covered in the monitoring are depicted as below:

TABLE 10.1: RESULTS OF ASH RECOVERY WATER SAMPLE

S. No.	Parameter	Units	Quarter III (OCTOBER-2024 to DECEMBER-2024	
			Ash Recovery Pump House 1	Ash Recovery Pump House 2
1	Lead (Pb)	mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
2	Arsenic (As)	mg/l	BLQ (LOQ:0.005)	BLQ (LOQ :0.005)
3	Total Chromium (Cr)	mg/l	BLQ (LOQ:0.005)	BLQ (LOQ:0.005)
4	Cadmium (Cd)	mg/l	BLQ (LOQ:0.001)	BLQ (LOQ:0.001)
5	Mercury (Hg)	mg/l	BLQ (LOQ:0.0005)	BLQ (LOQ:0.0005)

S. No.	Parameter	Units	Quarter IV (January 2024 to March-2024)	
			Ash Recovery Pump House 1	Ash Recovery Pump House 2
1	Lead (as Pb)	mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
2	Arsenic (as As)	mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
3	Total Chromium (as Cr)	mg/l	BLQ (LOQ 0.005)	BLQ (LOQ 0.005)
4	Cadmium (as Cd)	mg/l	BLQ (LOQ 0.001)	BLQ (LOQ 0.001)
5	Mercury (as Hg)	mg/l	BLQ (LOQ 0.0005)	BLQ (LOQ 0.0005)

11 FLY ASH [SILO]

The measurements were conducted during the period of October-2023 to March -2024. The parameters covered in the monitoring are depicted as below:

TABLE 11.1: RESULTS OF FLY ASH SAMPLE

Quarter III (OCTOBER-2024-DECEMBER-2024)				
S. No.	**Parameter**	**Unit**	**Unit-I**	**Unit-II**
1	Arsenic (As)	mg/kg	6.14	6.47
2	Mercury (Hg)	mg/kg	BLQ (LOQ:1.0)	BLQ (LOQ:1.0)
3	Lead (Pb)	mg/kg	3.32	3.39
4	Total Chromium (Cr)	mg/kg	3.29	4.16

TABLE 11.2: RESULTS OF FLY ASH SAMPLE

Quarter IV (January 2024 to March-2024)				
S. No.	**Parameter**	**Unit**	**Unit-I**	**Unit-II**
1	Arsenic (As)	mg/kg	3.44	3.97
2	Mercury (Hg)	mg/kg	BLQ (LOQ 1.0)	BLQ (LOQ 1.0)
3	Lead (Pb)	mg/kg	1.09	1.23
4	Total Chromium (Cr)	mg/kg	BLQ (LOQ 5.0)	BLQ (LOQ 5.0)

12 SOIL

The measurements were conducted during the period of Octoberl-2023 to March-2024. The parameters covered in the monitoring are depict below:

TABLE 12.1: RESULTS OF SOIL MONITORING

S. No.	Parameter	Quarter III (October-2023 to December-2023)		
		Nimoda Village	Kawai Village	Phulbaroda Village
1	Ammonical Nitrogen (as N)	388 mg/kg	315 mg/kg	305 mg/kg
2	Iron as Fe	2.69 %	3.64 %	2678.84 mg/kg
3	Manganese as Mn	751.89 mg/kg	947.74 mg/kg	990.67 mg/kg
4	Boron (as B) mg/kg	3.57 mg/kg	7.06 mg/kg	7.12 mg/kg
5	Calcium (as Ca)	0.31 %	1.17 %	1.00 %
6	Magnesium (as Mg)	0.33 %	1.02 %	6155.50 mg/kg
7	Potassium (as K)	692.07 mg/kg	0.13 %	1067.40 mg/kg
8	Phosphorus	26.2 kg/ha	27.8 kg/ha	20.2 kg/ha

S. No.	Parameter	Quarter IV (January-2024 to March -2024)		
		Nimoda Village	Kawai Village	Phulbaroda Village
1	Ammonical Nitrogen (as N)	122 mg/kg	128 mg/kg	146 mg/kg
2	Iron as Fe	951.13 mg/kg	406.08 mg/kg	428.27 mg/kg
3	Manganese as Mn	79.66 mg/kg	34.47 mg/kg	106.57 mg/kg
4	Boron (as B)	BLQ (LOQ 5.0) mg/kg	BLQ (LOQ 5.0) mg/kg	BLQ (LOQ 5.0) mg/kg
5	Calcium (as Ca)	0.04 %	0.02 %	0.54 %
6	Magnesium (as Mg)	238.14 mg/kg	90.28 mg/kg	559.49 mg/kg
7	Potassium (as K)	40.51 mg/kg	14.66 mg/kg	52.84 mg/kg
8	Phosphorus	13.86 kg/ha	13.71 kg/ha	12.45 kg/ha

ADANI POWER LIMITED
2X660 MW KAWAI THERMAL POWER STATIONS

CONTINOUS EMISSION MONITORING RESULTS		
Station: Stack Attached to Boiler 1 & 2		
Report type: Mean & Daily		
Time Base: 24 Hour		
Date (DD/MM/YY)	**UNIT 1**	**Unit 2**
	PM (mg/Nm^3)	**PM (mg/Nm^3)**
2023-10-01 00:00:00	40.06	34.79
2023-10-02 00:00:00	37.31	34.05
2023-10-03 00:00:00	41.87	37.29
2023-10-04 00:00:00	41.79	37.58
2023-10-05 00:00:00	42.83	38.03
2023-10-06 00:00:00	43.71	38.46
2023-10-07 00:00:00	45.17	39.82
2023-10-08 00:00:00	44.16	37.16
2023-10-09 00:00:00	44.4	37.3
2023-10-10 00:00:00	44.12	35.58
2023-10-11 00:00:00	43.69	35.6
2023-10-12 00:00:00	44.42	37.33
2023-10-13 00:00:00	44.87	38.87
2023-10-14 00:00:00	44.29	37.96
2023-10-15 00:00:00	44.28	37.25
2023-10-16 00:00:00	42.71	36.7
2023-10-17 00:00:00	43.56	35.95
2023-10-18 00:00:00	44.8	36.44
2023-10-19 00:00:00	45.27	SD
2023-10-20 00:00:00	46.01	SD
2023-10-21 00:00:00	44.92	SD
2023-10-22 00:00:00	45.45	SD
2023-10-23 00:00:00	44.25	34.65
2023-10-24 00:00:00	44.94	33.71
2023-10-25 00:00:00	45.51	34.05
2023-10-26 00:00:00	45.59	34.6
2023-10-27 00:00:00	44.32	35.08
2023-10-28 00:00:00	44.81	35.78
2023-10-29 00:00:00	45.76	36.3
2023-10-30 00:00:00	45.48	35.72
2023-10-31 00:00:00	45.24	37.72
Min	**37.3**	**33.7**
Max	**46.0**	**39.8**
Avg.	**44.1**	**36.4**

ADANI POWER LIMITED
2X660 MW KAWAI THERMAL POWER STATIONS

CONTINOUS EMISSION MONITORING RESULTS		
Station: Stack Attached to Boiler 1 & 2		
Report type: Mean & Daily		
Time Base: 24 Hour		
Date (DD/MM/YY)	**UNIT 1**	**Unit 2**
	PM (mg/Nm^3)	**PM (mg/Nm^3)**
2023-11-01 00:00:00	45.88	37.44
2023-11-02 00:00:00	45.92	37.72
2023-11-03 00:00:00	45.37	38.54
2023-11-04 00:00:00	45.64	39.7
2023-11-05 00:00:00	46.03	38.43
2023-11-06 00:00:00	45.34	38.35
2023-11-07 00:00:00	45.23	38.68
2023-11-08 00:00:00	45.76	38.43
2023-11-09 00:00:00	45.92	37.95
2023-11-10 00:00:00	43.99	36.93
2023-11-11 00:00:00	44.85	37.03
2023-11-12 00:00:00	44.36	36.73
2023-11-13 00:00:00	45.74	36.76
2023-11-14 00:00:00	45.94	36.54
2023-11-15 00:00:00	45.19	38.66
2023-11-16 00:00:00	45.56	40.33
2023-11-17 00:00:00	45.67	40.41
2023-11-18 00:00:00	45.96	40.74
2023-11-19 00:00:00	45.98	40.08
2023-11-20 00:00:00	45.78	38.78
2023-11-21 00:00:00	45.93	39.57
2023-11-22 00:00:00	38.96	40.6
2023-11-23 00:00:00	40.42	40.51
2023-11-24 00:00:00	41.61	39.94
2023-11-25 00:00:00	42.22	39.52
2023-11-26 00:00:00	42.54	39.19
2023-11-27 00:00:00	42.96	37.63
2023-11-28 00:00:00	42.73	38
2023-11-29 00:00:00	42.71	38.14
2023-11-30 00:00:00	42.7	38.78
Min	**38.9**	**36.5**
Max	**46.0**	**40.7**
AVG	**44.4**	**38.6**

ADANI POWER LIMITED
2X660 MW KAWAI THERMAL POWER STATIONS

CONTINOUS EMISSION MONITORING RESULTS		
Station: Stack Attached to Boiler 1 & 2		
Report type: Mean & Daily		
Time Base: 24 Hour		
Date (DD/MM/YY)	**UNIT 1**	**Unit 2**
	PM (mg/Nm^3)	**PM (mg/Nm^3)**
2023-12-01 00:00:00	42.47	38.85
2023-12-02 00:00:00	42.33	38.49
2023-12-03 00:00:00	42.42	38.28
2023-12-04 00:00:00	40.94	37.21
2023-12-05 00:00:00	39.34	37.41
2023-12-06 00:00:00	41.26	38.67
2023-12-07 00:00:00	44.6	25.02
2023-12-08 00:00:00	44.43	SD
2023-12-09 00:00:00	44.19	SD
2023-12-10 00:00:00	44.61	33.85
2023-12-11 00:00:00	44.29	43.25
2023-12-12 00:00:00	44.49	43.06
2023-12-13 00:00:00	43.91	43.07
2023-12-14 00:00:00	43.83	43
2023-12-15 00:00:00	44.16	42.98
2023-12-16 00:00:00	42.93	40.12
2023-12-17 00:00:00	37.36	35.56
2023-12-18 00:00:00	37.85	34.34
2023-12-19 00:00:00	38.13	34.73
2023-12-20 00:00:00	40.11	33.63
2023-12-21 00:00:00	39.33	33.2
2023-12-22 00:00:00	36.08	35.39
2023-12-23 00:00:00	36.48	34.5
2023-12-24 00:00:00	35.03	33.48
2023-12-25 00:00:00	38.44	34.64
2023-12-26 00:00:00	38.52	35.16
2023-12-27 00:00:00	40.06	34.49
2023-12-28 00:00:00	39.51	36.17
2023-12-29 00:00:00	38.89	35.72
2023-12-30 00:00:00	35.67	35.03
2023-12-31 00:00:00	38.15	34.44
MIN	**35.0**	**25.0**
Max	**44.6**	**43.3**
AVG	**40.6**	**36.7**

ADANI POWER LIMITED
2X660 MW KAWAI THERMAL POWER STATIONS

CONTINOUS EMISSION MONITORING RESULTS		
Station: Stack Attached to Boiler 1 & 2		
Report type: Mean & Daily		
Time Base: 24 Hour		
Date (DD/MM/YY)	**UNIT 1**	**Unit 2**
	PM (mg/Nm^3)	**PM (mg/Nm^3)**
2024-01-01 00:00:00	36.46	32
2024-01-02 00:00:00	36.92	31.74
2024-01-03 00:00:00	37.43	32.4
2024-01-04 00:00:00	36.79	33.32
2024-01-05 00:00:00	37.91	33.77
2024-01-06 00:00:00	38.86	34.12
2024-01-07 00:00:00	36.58	34.41
2024-01-08 00:00:00	40.19	35.45
2024-01-09 00:00:00	39.44	34.02
2024-01-10 00:00:00	37.09	34.2
2024-01-11 00:00:00	38.28	35.35
2024-01-12 00:00:00	39.79	35.53
2024-01-13 00:00:00	39.88	35.73
2024-01-14 00:00:00	41.74	37.48
2024-01-15 00:00:00	40.47	37.48
2024-01-16 00:00:00	40.87	36.19
2024-01-17 00:00:00	39.37	36.56
2024-01-18 00:00:00	37.29	37.14
2024-01-19 00:00:00	38.14	37.98
2024-01-20 00:00:00	36.83	37.64
2024-01-21 00:00:00	37.17	39.61
2024-01-22 00:00:00	39.21	42.04
2024-01-23 00:00:00	39.96	42.88
2024-01-24 00:00:00	41.9	44.62
2024-01-25 00:00:00	43.28	44.25
2024-01-26 00:00:00	40.65	45.63
2024-01-27 00:00:00	40.47	45.02
2024-01-28 00:00:00	42.08	45.64
2024-01-29 00:00:00	41.33	45.05
2024-01-30 00:00:00	41.1	42.43
2024-01-31 00:00:00	43.21	42.72
Min	**36.4**	**31.7**
Max	**43.2**	**45.6**
Avg.	**39.3**	**38.1**

ADANI POWER LIMITED
2X660 MW KAWAI THERMAL POWER STATIONS

CONTINOUS EMISSION MONITORING RESULTS		
Station: Stack Attached to Boiler 1 & 2		
Report type: Mean & Daily		
Time Base: 24 Hour		
Date (DD/MM/YY)	**UNIT 1**	**Unit 2**
	PM (mg/Nm^3)	**PM (mg/Nm^3)**
2024-02-01 00:00:00	39.86	42.85
2024-02-02 00:00:00	40.11	42.9
2024-02-03 00:00:00	39.77	42.84
2024-02-04 00:00:00	35.09	43.92
2024-02-05 00:00:00	36.65	43.35
2024-02-06 00:00:00	36.52	43.19
2024-02-07 00:00:00	35.13	43.67
2024-02-08 00:00:00	35.78	43.08
2024-02-09 00:00:00	39.35	42.89
2024-02-10 00:00:00	38.82	42.86
2024-02-11 00:00:00	34.85	42.86
2024-02-12 00:00:00	39.15	42.33
2024-02-13 00:00:00	37.88	42.25
2024-02-14 00:00:00	36.53	42.06
2024-02-15 00:00:00	37.37	43.17
2024-02-16 00:00:00	37.94	43.32
2024-02-17 00:00:00	38.69	43.17
2024-02-18 00:00:00	36.07	42.25
2024-02-19 00:00:00	36.56	41.9
2024-02-20 00:00:00	39.88	43.22
2024-02-21 00:00:00	38.92	41.94
2024-02-22 00:00:00	40.09	42.65
2024-02-23 00:00:00	40.72	42.85
2024-02-24 00:00:00	41.8	43.07
2024-02-25 00:00:00	36.82	42.08
2024-02-26 00:00:00	37.41	41.87
2024-02-27 00:00:00	34.89	41.5
2024-02-28 00:00:00	38.5	42.36
2024-02-29 00:00:00	35.15	41.55
Min	**34.8**	**41.5**
Max	**41.8**	**43.9**
AVG	**37.8**	**42.6**

ADANI POWER LIMITED
2X660 MW KAWAI THERMAL POWER STATIONS

CONTINOUS EMISSION MONITORING RESULTS		
Station: Stack Attached to Boiler 1 & 2		
Report type: Mean & Daily		
Time Base: 24 Hour		
Date (DD/MM/YY)	**UNIT 1**	**Unit 2**
	PM (mg/Nm^3)	**PM (mg/Nm^3)**
2024-03-01 00:00:00	39.42	42.04
2024-03-02 00:00:00	32.23	40.23
2024-03-03 00:00:00	36.46	42.43
2024-03-04 00:00:00	38	42.45
2024-03-05 00:00:00	38.67	42.64
2024-03-06 00:00:00	40.04	42.99
2024-03-07 00:00:00	40.92	42.81
2024-03-08 00:00:00	38.36	42.69
2024-03-09 00:00:00	37.41	43.04
2024-03-10 00:00:00	36.35	42.56
2024-03-11 00:00:00	39.4	42.65
2024-03-12 00:00:00	39	42.42
2024-03-13 00:00:00	39.38	42.16
2024-03-14 00:00:00	39.57	43.08
2024-03-15 00:00:00	38.52	42.7
2024-03-16 00:00:00	37.01	42.54
2024-03-17 00:00:00	37.37	42.62
2024-03-18 00:00:00	39.45	42.52
2024-03-19 00:00:00	38.48	41.98
2024-03-20 00:00:00	37.25	42.11
2024-03-21 00:00:00	38.12	42.02
2024-03-22 00:00:00	38.7	42
2024-03-23 00:00:00	39.1	41.49
2024-03-24 00:00:00	36.02	41.07
2024-03-25 00:00:00	34.36	41.03
2024-03-26 00:00:00	39.07	42.25
2024-03-27 00:00:00	40.41	42.34
2024-03-28 00:00:00	42.7	42.09
2024-03-29 00:00:00	42.5	42.53
2024-03-30 00:00:00	40.68	40.63
2024-03-31 00:00:00	42.03	41.1
MIN	**32.2**	**40.2**
Max	**42.7**	**43.0**
AVG	**38.6**	**42.1**

Annexure – II

ADANI POWER LIMITED

GROUND WATER LEVEL MONITORING RESULTS

LOCATION: Piezometric Wells near to Ash Pond

S. No.	Month & Year	Ground Water Table (BGL)		
		Location: 1	Location: 2	Location: 3
1.	October-2023	6.5 Meter	11.0 Meter	13.5 Meter
2.	November-2023	6.5 Meter	10.0 Meter	13.0 Meter
3.	December-2023	8.5 Meter	12.5 Meter	14.5 Meter
4.	January-2024	8.0 Meter	12.3 Meter	15.1 Meter
5.	February-2024	8.2 Meter	12.1 Meter	14.6 Meter
6.	March-2024	8.5 Meter	13.5 Meter	15.8 Meter

Location 1: South of Ash Pond (Nr. Labor Colony)

Location 2: East of Ash Pond (Nr. Ash Recovery Pump House)

Location 3: West of Ash Pond (Nr. Nimoda Railway Crossing)

ADANI POWER LIMITED, KAWAI

2 x 660 MW KAWAI THERMAL POWER PLANT

Annexure-III

FLY ASH GENERATION AND UTILIZATION DETAILS OCTOBER'2023 TO MARCH'2024							
Month	**Total Ash Generation**	**Total ash Utilized**	**ASH Utilized %**	**Cement manufacturing**	**Brick Manufacturers / Internal usage**	**Pond Ash For Brick Manufacturers**	**Pond Ash for Inside plant/Low Lying Areas**
	MT	**MT**	**%**	**MT**	**MT**	**MT**	**MT**
Oct-23	141406	96865	68.50	79401	0	16464	1000
Nov-23	119412	94041	78.75	64707	50	28784	500
Dec-23	119552	102557	85.78	74073	100	25984	2400
Jan-24	124074	105708	85.20	73524	3460	27471	1252
Feb-24	92212	111079	120.4	58632	6378	42862	3207
March-24	113569	157991	139.1	72420	16600	50321	18650
Total	**710225**	**668241**	**94.08**	**422757**	**26588**	**191886**	**27009**

Adani Power Limited

Annexure: IV

Greenbelt Details:

Area (ha)	No. of Trees Planted	No. of Shrubs Planted
120.0	1,41,240	1,77,000

PLANTED SPECIES IN AND AROUND PLANT PREMISES

Sr. No.	Scientific Name	Common Name
Trees		
1.	Azadirachta indica	Neem
2.	Bauhinia blakeana	Kachnar
3.	Callistemon viminalis	Pink Bottle brush
4.	Casuarina equisetifolia	Saru/Casuarina
5.	Delonix regia	Gulmohar
6.	Phoenix dactylifera	Date Palm
7.	Punica granatum	Pomegranate
8.	Emblica officinalis	Aamla
9.	Eucalyptus hybrid	Eucalyptus
10.	Mangifera indica	Aam/ Mango
11.	Polyalthia longifolia	Ashok/ False Ashok
12.	Psidium guajava	Guava
13.	Syzygium cumini	Jamun
14.	Washingtonia filifera	Washingtonia Palm
15.	Wodyetia bifurcata	Palm
16.	Cassia seamia	Cassia
17.	Albizzia leebeck	Siris
18.	Pongamia pinnata	Karanj
19.	Cordia longifolia	Lasoora
20.	Aegle Marmelos	Bel
21.	Dalbergia sissoo	Shisham
22.	Ficus religiosa	Peepal
23.	Cassia renigera	Cassia
24.	Parkinsonia sp.	Parkinsonia
25.	Cassia pinnata	Amaltas
26.	Alstonia scholaris	Satparni
27.	Citrus nobilis	kinnow
28.	Tectona grandis	Teak
29.	Olea europaea	Olive
Shrubs		
30.	Allamanda	Yellow Bell
31.	Bougainvillea spectabilis	Bougainvillea/ Booganbel
32.	Clerodendrum inerme	Wild Jasmine
33.	Cycas circinalis	Cycas
34.	Euphorbia milii	Christ Thorn
35.	Ficus panda	Fig Tree
36.	Hymenocallis caroliniana	Spider Lily
37.	Ixora hybrida	Ixora
38.	Jasminum molle	Jui
39.	Jatropha curcas	Ratanjyot,
40.	Nerium indicum	Kaner
41.	Nerium odoratum	Kaner
42.	Plumeria alba	Champa
43.	Tecoma	Yellow Trumpetbush
44.	Ziziphus mauritiana	Ber/Bor/Indian plum

Annexure-V

adani
Foundation

2023-24

Annual Progress Report - Kawai

3/31/2024

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Preface

We are going to present 11th Annual report of Adani Foundation, Kawai. Adani foundation starts intervention since establishment of Adani power thermal power station at Kawai.

Adani foundation, Kawai is a subsidiary of Adani Power Limited, has undertaken several societal wellbeing and community development programs in vicinity. Covering over 27 villages, 1 town and has engaged positively with over 42,834 people so far.

Under Corporate social responsibility Adani Foundation, Kawai is a planned set of activities taking into consideration the Company's capabilities, expectations of the local community, targeted to have a significant positive impact in the long term.

The aim is to play a vital role in the sustainable development of community, attempting to create an enabling working environment for APRL.

According to vision of AF "accomplish passionate commitment to the social obligations towards communities, fostering sustainable and integrated development, thus improving quality of life".

At Kawai site we planned programs and execute under guidance of head office with systematic approach and prior approval. Since 11-year tenure we served to community nearby to APL for uplift their livelihood with sustainable mode.

Adani foundation undertaken all programs and projects with focused approach towards identified target beneficiaries and provide support to all major aspects with consideration of sustainable development goals and as per schedule VII of CSR section 135 of Companies act 2013. Like-

- Education
- Community Health
- Sustainable Livelihood Development
- Community Infrastructure Development
- We also run a flagship program: UDAAN project.

In concise The Adani foundation Kawai working for society with all aspects of societal development which needful and really impact to nearby community.

With various initiatives we bridge the gap and promote quality education in Govt. schools, provide doorstep health facilities and awareness to 28 villages, with livelihood activities provide sustainable livelihood with focus into women entrepreneurship in vicinity. And intervene to community infrastructure and support to nation building with approach of Growth with Goodness and BHARAT NIRMAN.

Message from Business Head

I am pleased to share Adani Foundation Annual report 2023- 24 which provides an update on our progress and reaffirms our commitment to social responsibility.

I believe that a business will be considered truly successful only when it takes the society around it towards the path of progress. A critical pillar of our sustainable, long-term growth is the need to ensure that an organization's governance and operations are fully aligned with environmentally and socially responsible practices. In Adani Socially responsible journey is built into our DNA.

As you will see in this report, since last year we have made more efforts to reflect our dedication to improving the Education, Health, Sustainable Livelihood Development, and Infrastructure Development for well-being of our communities, and we embraced several other initiatives to underscore our commitment toward societies.

If we talked about Education Initiatives, we touched the life of thousands of children. On the one hand we put the wings of children's Dream through Project Udaan and on the other hand tried to give them a new direction by giving them coaching for JNV Entrance Exam. To promote sports in rural area and develop the sport talent We extended a hand with the government and supported the Rural Sports, We also aided school' children in order to facilitate to play at District & State level games.

As far as community Health is concerned by covering thousands of Kilometers MHCU helped thousands of peoples throughout the year and provided doorstep medical assistance to every person of society. Not only this but we also collaborated with Health department and conduct awareness workshop for AASHA workers to enable focused health service at ground level in Atru block.

This year proved to be very important for Adani Foundation Kawai as far as sustainable livelihood development concerned. Our KAMDHENU Project for improved Cattle Breeding Services beaten the target. Under the VRUKSH SE VIKAS we developed many orchards. The FPO (HPPCL) now sustainable and provide livelihood to more than 500 women stakeholders of APL vicinity.

Infrastructure Development also did not stay away from us. To provide infrastructure for quality education we constructed 2 classrooms at Govt. school Khedli gaddiyan at just adjoin village of APL.

Our arduous work did not go unnoticed: In FY 2023-24, we were named many awards from Govt and other agencies like District level award under Education domain & several other recognitions.

I want to thank Team Adani Foundation Kawai which is enriching the life of thousands and showing the way to a bright future for underprivileged.

Pramod Saxena

Station Head, APL – Kawai

Demographic Profile

Baran district was part of the princely state of Kota. It was formed on 10th April 1991 by carving out Kota district. Baran is located at 25.1°N 76.52°E. It has an average elevation of 262 meters (859 feet). Located in the Kota Plateau of Vindhya range.

Baran district comes under the Jhalawar-Baran parliamentary constituency and is divided into four assembly constituencies - Anta, Baran-Atru, Kishanganj and Chhabra. Eight tehsils come under this district, namely Anta, Baran, Atru, Chhabra, Mangrol, Kishanganj, Shahabad and Chhipabarod. It is spread over an area of 6992 Sq.km but of this only 82.18 Sq. Km is urban. The rest of the district comes under the rural category. As of 2011 India census, Baran had a total population of 12,22,755. Baran district is considered as Aspirational district by Niti Aayog.

Rivers: - Kali Sindh, Parvati, Parwan, Andheri, Ban-Ganga are the major rivers.

Climate: - The city has a dry climate except in the monsoon seasons. The winter season runs from mid of November to February and summer season runs from March to mid of June. The period from mid of June to September is the monsoon season followed by the months October to mid of November constitute the post monsoon or the retreating monsoon. The average rainfall in the district is 895.2mm.

Baran Literacy Rate: - 66.66%

Baran Sex Ratio: - 929: 1000

Atru is the Nagar Palika, block & tehsil headquarter. Atru tehsil is the biggest tehsil of the Baran district and has 141 villages under its administration. Total area of Atru tehsil is 834 km² including 823.70 km² rural area and 10.00 km² urban area.

Kawai is a Gram panchayat in the Atru at Baran district. It is in the southeast of northern Indian state of Rajasthan. It is located around 45 kilometers south of the Baran district.

Adani Power Limited Kawai the Adani thermal station is located at village Kawai in Atru Tehsil of Baran district in the state of Rajasthan. It is located at a distance of 16 KM from Atru towards 50 KM south of District headquarter of Baran and 300 KM from State capital, Jaipur.

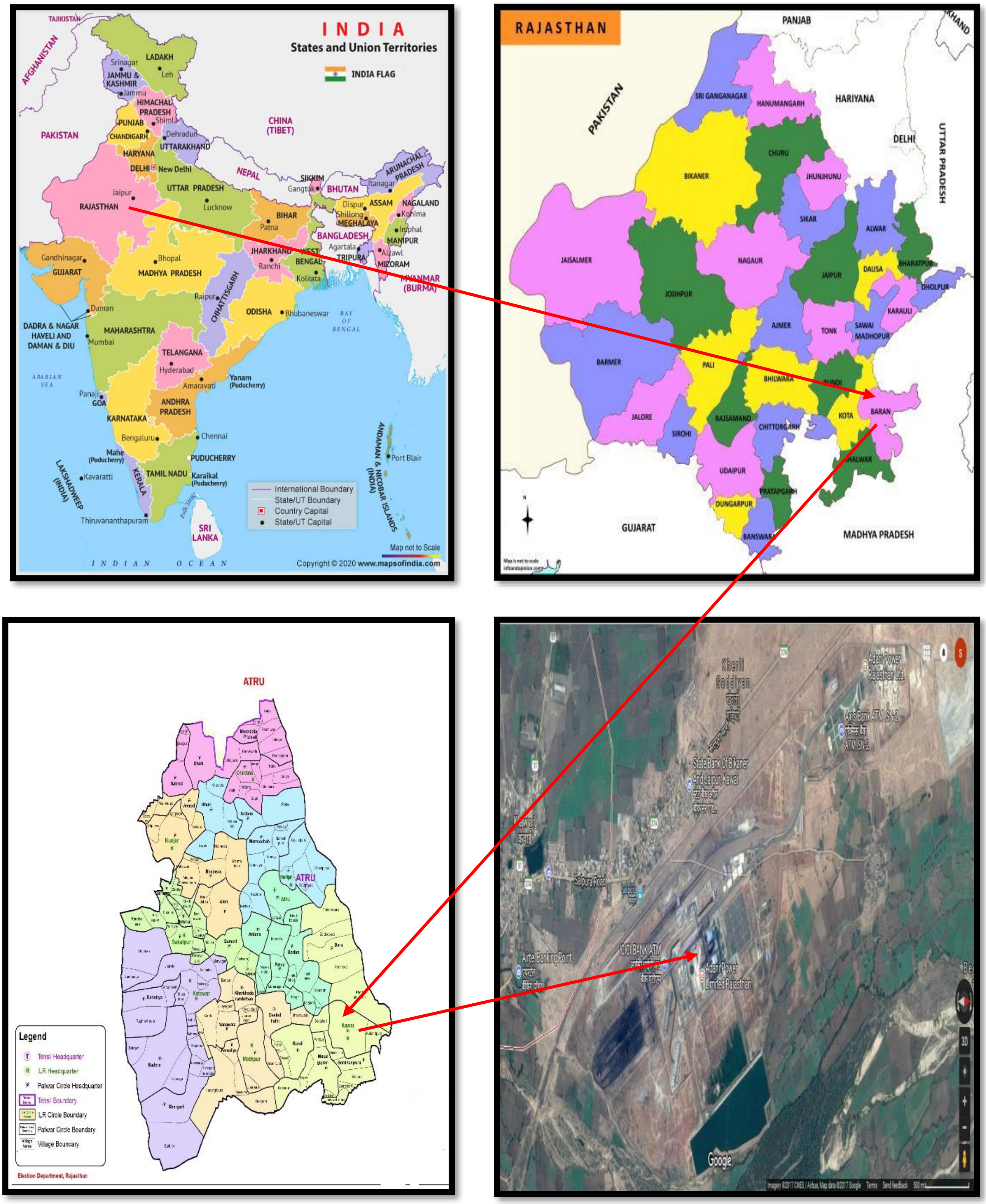
Adani Power Limited (APL) is the largest power producer plant in Rajasthan at a single location with a generation capacity of 1320 MW (2X660 MW). It is a coal-based thermal power plant on supercritical technology.

- Project land: Kawai village NH 90 Tehsil Atru.
- Water source: Parwan river approx. 25 KM from site.
- Water requirement: 25MCM per annum
- Primary fuel: Domestic coal.
- Coal requirement: 7.14 million metric tons per annum.
- Chimney: 275-meter-high twin flue RCC chimney.

Adani Foundation, Kawai At present we are working in 27 villages & 1 towns, 13 Gram Panchayats under district Baran. And Support to 32 Govt. schools, 1 Sub district hospital, 1 CHC, 2 PHC and 9 Sub centers.

all these divided in to 4 clusters for better understanding & monitoring purpose.

Sr. No.	Cluster details	Name of Villages
1	**Cluster One** (Core zone)	Kawai, Salpura, Kherli Gaddiyan, Nimoda, Dhara, Baldevpura, Chhatrapura and Mukundpura.
2	**Cluster Two** (Pipeline zone)	Chothya, Maytha, Solahedi, Hathi-Dilod, Kharkhada Ramlothan, Dadwara, Phoolbaroda, Jharkhand and Bamori.
3	**Cluster Three** (Anicut zone)	Aton, Atru, Kunjar and Baldevpura Anicut.
4	**Cluster Four** (Buffer zone)	Kherli Bansla, Barla, Hanihera, Seendhani, Bamapura, Aamapura, and Lolaheri.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States and Union Territories
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AFGHANISTAN
PAKISTAN
CHINA (TIBET)
NEPAL
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SRI LANKA
LADAKH
JAMMU & KASHMIR
HIMACHAL PRADESH
PUNJAB
CHANDIGARH
UTTARAKHAND
HARYANA
DELHI
New Delhi
RAJASTHAN
Jaipur
UTTAR PRADESH
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BIHAR
Patna
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International Boundary
State/UT Boundary
Country Capital
State/UT Capital
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SRI GANGANAGAR
HANUMANGARH
BIKANER
CHURU
JHUNJHUNU
SIKAR
ALWAR
BHARATPUR
DHOLPUR
DAUSA
JAIPUR
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SAWAI MADHOPUR
JAISALMER
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PALI
BHILWARA
BUNDI
BARAN
KOTA
JALORE
SIROHI
RAJSAMAND
CHITTORGARH
JHALAWAR
UDAIPUR
PRATAPGARH
DUNGARPUR
BANSWARA
ATRU
Legend
Tehsil Headquarter
LR Headquarter
Patwar Circle Headquarter
Tehsil Boundary
LR Circle Boundary
Patwar Circle Boundary
Village Boundary
Election Department, Rajasthan
Adani Power Limited Rajasthan
Google

Executive Summary

According to vision of Adani Foundation **"accomplish passionate commitment to the social obligations towards communities, fostering sustainable and integrated development, thus improving quality of life".** At Kawai site we planned activities and executed under guidance of head office with prior approval.
All programmes / Projects undertaken for FY 2023-24 were conceived and implemented through a focused approach towards target beneficiaries for generating maximum impact. Activities are largely focused in the areas of Education, Community Health, Sustainable Livelihood Development, Community Infrastructure Development and Udaan project. Apart from that employee engagement in CSR activities.

The foundation is working in all aspects of community development which needful for core villages of Adani power plant.

With the tagline of Adani group "GROWTH WITH GOODNESS" is the key focus element, we committed to foster development of nearby community as rapid growth of our business.

The all programs / activities of Adani foundation at Kawai closely linked with long-term social development goals and adhere to the practice of sustainable development. The key focus of CSR programs is on facilitating infrastructure provision for qualitative improvement in Education, Community health, Sustainable livelihood, Women empowerment, and Community infrastructure.

Towards Quality Education: - Kawai team committed to promote quality education in nearby schools with providing all need-based facilities and gap filling work for Govt. schools. In year 2023-24 under various initiatives like-

- ✓ JNV coaching classes where 83 students taking 5 months free of cost coaching for JNV selection test. This program builds strong foundation in 5th class which will benefit in senior classes.
- ✓ AF supported in Sport tournament who organizing by Govt. schools and approx. 2440 players participated in reporting year and 22 state level selection.

For Health wellbeing of community: - Kawai team provide doorstep health facilities and awareness to nearby community like-

- ✓ The doorstep medical facilities to 28 villages with Mobile health care unit program; in this year we cured to people with 35625 OPD.
- ✓ In this year we spread awareness and health checkup camp in nearby schools and other identified location where 2700 OPD done. .

Promote Sustainable livelihood for society: - Kawai team provide sustainable livelihood with focus on marginalized farmers, women empowerment, social forestry programs like-

- ✓ Provided doorstep artificial insemination service to cattle for breed improvement and dairy development. this year we covered 1251 cattle thru artificial insemination, 2000 cattle vaccination, and 25 village level animal health camps.
- ✓ Provide support to 430 farmers by providing variety of fodder and vegetable seeds.
- ✓ For increase the income of farmers we organized 05 training season with support of animal husbandry and agriculture department and 250 farmers benefitted.
- ✓ Under project VRUKSH SE VIKAS promote improved agriculture techniques; In reporting year benefits reach to 120 farmers with Orchard development, farmers training, and soil test.
- ✓ Under the Capacity building program, we build FPO "HADOTI PRAGEETSHEEL PRODUCER COMPANY LIMITED' with 512 women shareholders and establish milk collection centers at 30 villages with 3000-liter milk per day under dairy development program.

Quality infrastructure for nearby community: - In reporting year we do various need-based and prioritize civil projects like-

- ✓ Provide quality infrastructure to promote quality education- we construct 02 Classrooms along with boundary wall at Govt. sr. sec. school Khedli gaddiyan.
- ✓ Installation of 02 borewell at Nimoda village for potable drinking water at core zone village.

Special program for special purpose: - To fulfill specific objective we running various initiatives at Kawai like-

- ✓ UDAAN- 1046 students visited to Adani power plant from 20 institutes for industrial exposure.

The all programs as implemented at Kawai in the reporting year were well monitored with focused towards target beneficiaries and fulfill the obligations of schedule 7 under section 135 of Companies act 2013. The all programs are designed as Sustainable development goals of United nations.

"EDUCATION"

SDG - 4 & 5

Creating a Strong foundation upon which young India's dreams can be built

Beneficiary: - 2675

Education is the backbone of every society in this world. But what matters the most is the quality of education. Government is taking initiatives to improve the situation but that is not enough because the challenge is huge and not only government, but everyone must take efforts towards imparting quality education as an important part of it. Adani foundation, Kawai support to 32 government schools to aiming basic infrastructure development. Apart from that we are conducting various programs for the improvement of quality of education.

The prime focus of education programme includes:

Creating environment in the school for students through different co-curricular activities which engage students in their integrated development.

A. UTTHAN – Coaching: JNV entrance exam:

SDG - 4/ 4.a/4.7

Since 2016-17 we are running coaching classes every year for preparation of JNV selection test and 20 students selected in preceding years. In last 7 years awareness increased and people more keen towards education of their children. We realize this during interaction with parents and children. But guidance still needs of the hour. Due to lack of educational infrastructure and socioeconomic status of parents focused and student centric education required. We take this situation as opportunity and motivate parents and students for take coaching with Adani competitive coaching classes and participate for JNV selection test. We conduct basic test to evaluate the status of each student. After evaluation and scrutinize process, we got 83 potential and willing students from 21 nearby schools for our 3 centrally located coaching centers e.g.

- Kawai center- 46 students
- Kharkhada Ramlothan center- 32 students
- Adani Vidyalaya centre- 5 students.

We first to strengthen the basic-foundation of each student than proceed to preparation of JNV coaching. With the coaching we also facilitate to students with- Study kit, Bag, to all students and Recognition and gift to selected students.

We review performance through previous year model papers, weekly test, examine with subject wise test, then conduct grand test of whole syllabus for proper and focus preparation of JNVST.

During all tests we use prescribed OMR sheet for knowing how to fill the OMR sheet and students will be friendly with examination technique. This is very helpful because our students are only 10 to 12 years old where their parents belongs to deprived section so they do not able understand the all things.

- In this 5-month coaching we conducted traditional classes and utilized designed curriculum with digital content. Conducting 6-day class and 7th day for weekly test.
- Last year 5 students got selected in JNVST. An event organized by Adani power plant and invite to all parents, teachers, and selected students at plant. Senior management of APL Station head, Head O& M, TCD Head, Head HR and CSR head interacted and awarded to students for their achievement.

Beneficiary - *83 students from 21 schools*.

B. Rural sports: Support to Sports tournaments of Govt. schools and local clubs:

SDG - 3 & 4 /4.1

As the regular interaction and our analysis, we found that people of this area have sports talent but due to lack of supports many time schools and local club fail to organize such tournaments. So, we step-out for it and every year providing support to Govt. schools for district, state, and national level sports tournaments. And encouraging local youth clubs for engage in sports activity and spread healthy environment for betterment of surrounding community.

The sports play a vital role to spread healthy environment and overcome the stress and frustration among youth. It seems that during tournaments players as well as audience enjoy the game with free mind and develop positive vibes and synergy which improve the health and habits among people.

➢ District level sports tournament organized at Govt. school Ratanpura- Atru.

- 14, 17- and 19-year Volleyball tournament organized by Govt.sec. school Ratanpura.
- Total 66 teams and 792 players participated in tournaments.

➢ State level Football tournament organized at MG Govt. schools Baran.

- 17- and 19-year Girls Volleyball tournament organized by Mahatma Gandhi Govt School Station road Baran.
- Total 86 teams and 1648 players participated in tournaments.

- Provide support to State level selected players in various games.
    - Support to selected 7 girl players from Govt. school Mukandpura in State level Kho-Kho tournament.
    - Support to selected 5 players (4Girls- Kho-Kho, 1Boy- Kabbadi) from Govt. school Aton in State level tournament.
    - Support to selected 10 girl players from Mahtma gandhi Govt. school Atru in State level Kabbadi tournament.

Beneficiary = 2462 Participants.

C. KHEL MANTHAN :

SDG - 3 & 4 /4.1

- Organised one day workshop with Physical teacher and selected players from Atru block.

As per regular interaction with community and consistent demand for support to local level sports. And we found that the vicinity people have much sport potential but due to unavailability of resources and facilities they do not perform accordingly.
As we observed and analyzed, sports is a strength of this area, but due to lack of support players do not get proper platform & not show their sports talent. Availability of sports facilities in rural community will help to increase involvement of students in sport activity as well as improve healthy habits.
The aim of Manthan: Recognize players and physical teachers for achievement and guide & motivate them for further achievement and build career in field of Sports.

Beneficiaries – 130

"COMMUNITY HEALTH"

Making better healthcare facilities available and accessible

SDG – 3 & 6

Beneficiary: - 37761

This area of Rajasthan is very backward, poor, living standard is low, and level of awareness & education also at bottom level, necessary facilities, and sanitation practices also far away from local community. Consequently, for spread awareness & to provide basic facilities to every person of vicinity team CSR start work with positive mind set of welfare of society.

We are running various programs in health segment for creating healthy society in vicinity of APRL. Such as Mobile Health care unit is providing doorstep medical service in 28 villages on regular basis, we are conducting various activities for the improvement of health & sanitation practices among community. This year we conducted following activities for the improvement of health and awareness among community.

Activities conducted under community Health initiatives: -

A. Mobile Health Care Unit.
B. Health Check-up Camp in Govt. schools
C. Organized health related awareness programs and day celebrations.
D. Special health camp on Saturday at new identified locations of Atru & Kawai.

A. Mobile Health Care Unit:

SDG - 3/ 3.5

Mobile Health Care Unit is providing doorstep medical service in 28 villages of surrounding area of APL. Under this we provide free medical treatment & medicine to community at their doorstep.

Major Highlights of MHCU: -

1. Free consultancy & medicine at doorstep.
2. Home visit treatment for bedridden, weak & old age patients who are not able to come at MHCU site.
3. Regular check-up / follow up for treatment.
4. All 28 villages are covered every week.
5. Awareness talk, Day celebrations, prevention & guidance about epidemic / seasonal diseases. Time to time specialist doctors also provide services. Health check-up and sanitation activity for children of Govt. schools.

Beneficiary- Total OPD – 30901

Mobile Health Care Unit services during year 2023-24							
Month	**Male**	**Female**	**Total**	**Home Visit**	**Awareness Camp**	**BP & Sugar Test**	**Referred Case**
Apr-23	1255	1094	2349	7	7	0	0
May-23	1342	1137	2479	7	11	100	5
Jun-23	1333	1116	2449	7	7	36	2
Jul-23	1479	1325	2804	5	7	29	0
Aug-23	1655	1429	3084	7	8	45	0
Sep-23	1262	1139	2401	7	12	20	3
Oct-23	1308	1254	2562	6	7	38	0
Nov-23	1516	1130	2646	7	7	83	4
Dec-23	1694	1205	2899	7	7	136	1
Jan-24	1585	1200	2785	6	8	105	1
Feb-24	1486	1284	2770	7	8	152	0
Mar-24	945	728	1673	4	7	76	1
Total	**16860**	**14041**	**30901**	**77**	**96**	**820**	**17**

SDG - 3

B. Health Check-up Camp in Govt. schools:

In regular interval we conduct health checkup and awareness session in all schools of vicinity. In this year we organized 71 health check-up camps in all nearby schools benefited to 4390 children. The School Health Camps aims to conduct health screening of all the children and provide basic medical attention to every child. Along with school camp also conduct awareness and sanitation activity in all nearby govt. schools and spread awareness about health and sanitations. During these sessions we distribute pamphlets and provide iron folic acid and calcium tablets to girl's students as prescription of doctor. This initiative detect sickness in early stage and cure with proper medicine. It impacting to school regularities and improve education level of children.

Beneficiary - 4654 children.

C. Celebrate various awareness Days & Awareness Program:

SDG – 3 / 3.5

Along with ongoing MHCU service we conduct various activities and day celebrations for spread awareness among village community. Under this initiative we cover all 28 villages periodically and spread awareness in villages and conduct several awareness sessions about facts.
Hypertension Day, Thyroid Day, No-Tobacco Day, International Yoga Day, World Hepatitis Day, Nutrition week, Suicide Prevention Day, Arthritis- Gathiya Day, World Osteoporosis Day, World Strok Day, Antibiotic Medicine, World COPD Day, Cancer awareness day,
Health & hygiene, healthy food habits, seasonal diseases etc. During these sessions we utilize IEC material with awareness session/ meetings.

- Total 96 awareness session organized in 27 villages.

- Conduct awareness session on the occasion of "World Blood Donor Day.
- Conduct awareness session on occasion of "World Heart Day"
- Conduct awareness session about Breast feeding at the occasion of "World Breast feeding Week.

- Celebrate International day of older person at Baba Ramdev Old Age Home Atru. During this activity we discussed healthy lifestyle and honored all old persons.

Beneficiary– *27 villages.*

D. Special health camp on Saturday at new identified locations of Atru & Kawai:

During field visit and regular demand of nearby hamlets for providing medical facilities as going on for other 28 villages. With this regard we conduct baseline and meeting of hamlet for identify needs. We found people eagerly wish to health service through our MHCU. And regular MHCU sites are far away from their hamlet so that older person, female, and children not able to avail service and for this reason they regularly urge to start MHCU service in their area. Hence we organizing Saturday special visits to these identified hamlets.

Beneficiary– *2206 OPD*

E. Workshop for ASHA- health workers of vicinity of APL:

During field visit and our regular interaction with Block CMHO; it's found that Govt. deployed health worker named ASHA in every village.

But there is no provision for strengthening capabilities, capacity building, and also, they suffering for most necessary equipment and facilities which they required to accomplish their day to day level field duties. Hence we take step forward and conduct a workshop where 5 trainer from Health department facilitate and provide training to all 51 ASHAs of nearby 28 villages about different health aspects so that they do better execution of Govt. health schemes and give efficient support to deprived rural community. We also provided them a Health kit containing- Digital thermometer, Water bottle, Umbrella, Registers, stationary and a Bag.

This impactful workshop was organized by Adani foundation in association of health department Baran, National health mission and Adani power limited Kawai.

Beneficiary– *51 ASHA workers*

"SUSTAINABLE LIVELIHOOD DEVELOPMENT"

Empowering community to become self-reliant

Beneficiary: - 12107

SDG – 1, 2, 5

The CSR team works towards improving the quality of life of the people by promoting sustainable livelihood activities through participatory, community-based approaches. To dignity and develop self confidence among flip side of our community. Adani foundation take the initiative for transform the life of rural women into the earning member of family. As the know our vicinity is very backward and poor large size of family and only one earning member. Women's role in community is only up to take care of family. For providing support to community and improve living status of women. Accordingly, we planned few activities which can support to community for their income generation.

A. KAMDHENU: - Integrated Livestock Development Centre:

SDG – 1/1.1 & 2/2.5

Beneficiary: - 8729

Livestock continue to be an important source of livelihood for small and marginal farmers in rural areas. With the growing demand of milk, dairy, and animal husbandry remains the primary sector for development of small and marginal farmers with major focus on improvement of cattle breeds with use of sex sorted semen for increase milk production.

Considering the scope to strengthen this sector, we successfully running 02 integrated livestock development center at Nimoda and Bamori village for providing breed improvement and cattle management services in vicinity villages.

The main objective of livestock development activities is to upgrade the local indigenous low milk-yielding cows and buffaloes by breeding them through Artificial Insemination (A.I.) with the use of high pedigree frozen semen of indigenous/ exotic breeds. The resulting upgraded progeny with an improved genetic makeup will have a far better milk yielding capacity.

This is achieved through a special program called the "Cattle Breed Improvement and dairy development Program".

ILD center is running though "Pashu-Mitra", who is usually an educated and local rural youngster person. Pashu-Mitra is extensively trained to carry out animal breeding and health and nutrition related services. The Pashu-Mitra is carry out AI service for breed improvement and provide other veterinary services like – veterinary first aid, castration of scrub bulls, deworming, preventive vaccination against various diseases, infertility treatment etc.

All these services are provided at the doorstep of the farmers. Activities of these program operators are supervised and monitored by qualified veterinarians.
The entire program is continuing implemented by AF team without support of partner organization.
We are providing following services through ILD Centre:

1. **Artificial Insemination:** ILD center is undertaking the breeding of Cattles. The genetically superior progeny born out of this programme will be better milk yielder. AI service is providing at the doorstep of the farmers with the use of high quality of frozen and sex sorted semen. (Total AI: - 1351)

2. **Pregnancy diagnosis:** ILDC incharge visited cattle owner after 03 month of cattle artificial insemination for diagnosis of cattle pregnancy. After confirmation of pregnancy Pashu mitra guided to cattle owner for take care and supplementary foods.

3. **Organise Calf rally:** We organized a calf rally for create awareness among farmers for create awareness on cattle breed improvement, animal health management and dairy development. Joint director animal husbandry, Plant head Adani power and more than 130 farmers participated in this event.

4. **Animal Health Care:** This aspect will be covered by the Pashu-Mitra with the help of qualified veterinarians. (4248 Cattle)

5. **Vaccination:** Preventive vaccination against H.S. & B.Q. will be undertaken every year with the support of Dept. of Animal Husbandry. (Vaccination: - 2000)

6. **Cattle feed supplementary:** We support for calcium and mineral mixture for pregnant and dairy cattle. This will support to milk production and growth of calves. (Total support: - 450 Farmers)

7. **Farmers Training:** Adani foundation organized farmers training for capacity building of farmers on cattle breed improvement, animal health care and fodder cultivation practices. Expert from the department of animal husbandry and BAIF participated in training program. (**Beneficiaries: 250 Farmers**)

8. **Fodder development:** we provided improved variety seed to farmers for ensuring availability of green fodder for cattle and aim of this to increase milk production in cattle. (**Beneficiaries: 430 Farmers**)

B. FPO- Institution building:

SDG – 1 / 1.1 & 5

Beneficiary: - 3378

There has been an increased emphasis on women's participation in the program. The major activities taken up are promotion of local women groups, income generation activities along with awareness generation about dairy-based livelihoods, agriculture, reproductive health, and development aspects. The income generating activities included livestock management, develop Wadis, vegetable cultivation, vermicomposting etc.

Project implemented with formation a village level group with 25 women in each village, Total 15 village & 152 women FPO 500 women. For better implementation of all activities from FPO with name of "HADOTI PRAGATISHEEL PRODUCER COMPANY LIMITED".

Currently FPO having 512 shareholders and whole shareholders are women. FPO started dairy development program and more than 5000 liter milk collected from 30 villages.

1. **Village level meetings:** For better implementation of sustainable livelihood program, Adani foundation selected 15 village level volunteer for formation of common interest group (CIG) of women, conduct monthly meetings of FPO members and organize capacity building training on improved agriculture and better animal husbandry practices. (155 meetings)
2. **Exposure visit:** We organize exposure visit for Hadoti Pragatisheel producer company Board member and shareholders at NRLM kota, Jaipur Rugs and Saras dairy at Jaipur for capacity building and adopt innovative ideas from other FPO and market linkages of dairy production and agriculture productions.

(Beneficiaries: 35 Women)

3. **Training:** on cattle feed and Milk production –Adani foundation organized capacity building training of FPO board directors on role and responsibility of board member, Business development and market linkages of agriculture and dairy products. (Total 4 training with 63 women).

4. **Celebration of International women day:** Adani foundation and FPO jointly organized an event for recognize to effort of vicinity women during the year for our various CSR initiatives. For this event Station head APL, key stakeholders were present and appreciate to ongoing programs of Adani foundation. During the event we recognize to women who lead and set an example in their villages. Total 180 women participated.

Celebration of international women day

5. **FPO & Dairy development program visit:** CEO Adani power limited, Board of directors of Adani group and Business excellence group visited to FPO ongoing program, cattle breed improvement project and other CSR activities at vicinity villages and appreciated to CSR Work.

Visit of Board director APL

CEO APL visited to Dairy program

"COMMUNITY INFRASTRUCTURE DEVELOPMENT"

Renewing rural India by meeting the infrastructure requirements

Beneficiary: - 144

SDG – 9

Basic Infrastructure facilities are very poor in this area. Even Infrastructure facility for Education & Health services is very poor. Adani Foundation improving infrastructure facilities in vicinity villages for create better environment and better utility of community with regular interaction with key stakeholders and focused observation of nearby villages we found many of the works which need to do. We prioritize and take few projects which are most required for community development. As designed procedure we planned and executed few activities for infrastructure development in surrounding area.

The prime objectives of community infrastructure development in the area are facilitates to community with real requirement which is need to basic lives.

A. Need base infrastructure developmen in school:
Beneficiary – 144

SDG – 4.A & 9.1

Adani Foundation Kawai working with 32 vicinity Govt. schools with the vision to improves quality of education with providing support which actual required.

As our regular interaction with Schools, Gram panchayats and Education department it is found that schools require infrastructure support for quality education. With this line and length CSR team taken survey of schools and during our baseline survey, it was observed that school has good strength and enough teaching staff. but due to several gaps related to infrastructure and other impacting badly to educational environment.

During our baseline analysis we found that Govt. sr. sec. school Khedli gaddiyan which is situated in our core zone and located at just near to our Power plant. School has more than 144 strength and it just 2 years back Government upgraded from upper primary to Sr. secondary level. But there is no allocation of any budget for needed infrastructure to maintain proper classes up to 12th standard.

Construction of room will be increased the enrollment in school and also develop good environment for education.

Climate Action - VRUKSH SE VIKAS

SDG – 2 / 2.3, 2.4,7

Beneficiary: - 600

1. Fruit plantation for develop Wadi model: The "Wadi" model of tribal development is holistic in approach addressing production, processing and marketing of the produce and other livelihood needs. The core of the programme is "Wadi" and other development interventions are built around "Wadi". The "Wadi"' in Gujarati means a 'small orchard' established in one or two acres of land. Two or more fruit crops are selected in the ''Wadi'' model to minimize the climatic, biological, and marketing risks. Small farmers having less than 5-acre land is given 0.5-acre wadi each for raising 60 fruit plants suitable to local conditions.

Adani foundation has been closely associated with farmers for sustainable livelihoods through orchard-based farming systems. AF laid special emphasis on providing support for holistic development of small and marginal farmers with orchard establishment as the core element. The focus of "wadi model for farm-based development has been acclaimed worldwide as a sustainable and replicable model for poverty alleviation. The model was presented as a successful replicable model for poverty alleviation in developing countries. The model was also exhibited in the "Basic Needs Pavilion" at the Expo-2000, GmbH, Hanover." (Small orchard) together with suitable soil conservation, water resource development and other measures for improving the quality of farmers life such as community health & sanitation, women development, institutional development, etc. For develop livelihood of farmers provided vegetable seeds to 20 farmers and income has increased around 12000 to 15000 each family. With this farmers family meet fresh and healthy organic vegetable at their doorstep.

Program Achievements- In these 22 villages, over 50 families covered for develop 'wadis' of mango, orange, Ber, Guava plants. Fruiting started in Guava, Ber and mango.

2. Farmers training: We organized Farmers training on cattle breed improvement, improved agriculture and wadi model for ensure sustainable livelihood to marginalized farmers. Under the farmers training department of Animal husbandry, agriculture and horticulture as resource person.

3. Vegetable seed support: Adani foundation provided vegetable seed to farmers for increase income in agriculture thru improved technology and growing vegetable with traditional agriculture. (Total 20 Farmers)

Special Programs – UDAAN

"UDAAN"

Igniting young minds for Bharat Nirman.

Beneficiary: - 1046

SDG - 4 & 5

The project inspired by the life-changing story of Hon'ble chairman Sh. Gautam S. Adani. As a kid, Sh. Adani had visited the Kandla port, Gujarat and after looking at the expanse of the port, he dreamt of having his own port one day.
With inspiring story and success of Adani group it has dreamt that to provide platform with exposure visit at Adani entities to every student for their potential career and future growth prospects.
With this vision and flagship program of Adani foundation named UDAAN flying high since 2015-16.
at Kawai site under Udaan project we had organized industrial exposure visit at Adani Power Ltd. Kawai. Till date we reach to 14012 participants from 233 institutions/ schools. And this year only we conduct visit for 20 institutions / schools with 1046 participants.
With Udaan website we taking all enquiries and formalities through digital mode. With this digital platform we maintain transparency and provide login id & password to each school for details related to their visits like- upload documents, download certificates & photos, share feedback, review visit schedule and payment for visits.
As designed schedule by Head office we provide Bus facilities for pick-up and drop from school, provide T-shirt, Cap, and lunch to all participants.
Once students reach to APRL premises we conduct Auditorium session where we gave induction of power plant, then conduct departments wise session like- Security overview, Safety induction, explain journey of Adani & APL, overview of CSR programs, life changing story of Gautam Adani Sir, Motivational talk by senior leaders of plant and career guidance by HR department. After that we show them Adani power plant Model at service building and explain how electricity is generating in plant. Then arrange plant round, visit to safety park, and photo session for memory. At the end of visit we take feedback and drop back to students in their schools.
With Udaan exposure visit students gain first-hand information regarding functioning of big industry/ enterprises. And it helps participants to understand their own potential and get motivated to work towards the dream career.

To encourage, motivate and presentation of big dream in front of youth is the main motive of UDAAN project. It creates curiosity and actuate to potential of mind to see big dream improve thought process & enhance mentality of rural youth.

Audotrioum session for Udaan participants

Address by Station head

Visit @ Service builiding

Group pictures in various location

Feel proud and Empowered – Said Sahnaj

i. Shahnaj bano is living at Khedali village, Kherli village is located near Adani power plant in Atru tehsil of Baran district in Rajasthan, she became a part of the livelihood enhancement camps set up by Adani Foundation in her area. That was where she learnt more about the different ways in which they are planning to empower women primarily in the dairy business because there was no milk collection centre in the village.

ii. Even people didn't know what to do with the excess milk production by their cattle because of which animal husbandry was not looked at as a profitable business by people. That is when Hadoti Pragatisheel Producer Company Limited - FPO was formed by the Adani foundation and since I had keen interest in the field, I was made a board member of FPO. Hailing from a Muslim minority community, women didn't really go out of their homes for work, but I brought about a change and 50 women of the community to become a part of FPO," Shahnaz shares.

iii. In August 2022, she and her team started a Milk Collection Centre in her village and slowly more and more women became a part of this movement and the business is scaling new heights.

iv. "Today, I can proudly say that everyday 200 liters of milk is being collected from my village which has resulted in an earning of Rs 2.5 lakh every month. Today, more than 40 new animals purchased by villager in this tenure. I am a leading example of how as a female I have not only changed my life but also the lives of many women of my community," she says.

v. Now Shahnaj and villagers giving thanks to Adani foundation for provide platform for selling of surplus milk at village and increase the livelihood of farmers.

Disability is just a challenge not a hurdle: Chandan Jain

Chandan jain, a jolly and handicapped student from an underprivileged community, living in Salpura village its just adjoin to Adani power plant. has been selected in the Jawahar Navodaya Vidyalaya Selection Test (JNVST) with the support of Adani coaching classes.

Chandan's mother had received stitching training from Adani Foundation's skill development center and was worried about her son's future. She contacted Adani Foundation for coaching classes, and with their support, Chandan was able to prepare for the JNVST and achieve success.

Chandan's father had suffered a paralysis attack a few years back and was working under a contractor at Adani Power Plant Kawai. Despite the challenges faced by the family, Chandan's mother was determined to give her son the opportunity to succeed. With the help of Adani coaching classes, Chandan was able to achieve his dreams and secure a brighter future.

This heartwarming story highlights the importance of education and the role that parents support can play in helping young people achieve their goals. It is a reminder that with hard work, determination, and support, anything is possible. Chandan's success is a testament to the power of education and the importance of providing opportunities to underprivileged communities.

Chandan- Kawai

Medical health care unit

Name – Bhavar Lal Shariya s/o Kishna Lal Shariya
Age - 75 Year (Male)

Village – Mukandpura (Cluster – 1)

Family History:

He is live with her son they take care of him. His son a small farmer his monthly income so less so he unable afford her medicine expenses.

Medical History: He is suffering Hypertension and diabetes mellitus type 2 for the past 9 year. Additionally, Bhawar Lal suffered a cerebrovascular accident (CVA) nine years ago, resulting in left-sided paralysis. He resides in a rural area with limited access to specialized healthcare services. He has significant functional limitations on his left side, including difficulty with mobility, activities of daily living, and self-care tasks. His medical condition worse day by day.

MHCU Intervention: Doctor gave him Losartan drug once a day, Metformin 500 mg & Glimepiride 2 mg in a day for 1 year. MHCU team had monitored his BP & sugar once in a week for last 1 year. After some day later Doctors reduce his drug. Now he regularly takes Amlodipine & Metformin 500mg & Glimepiride 2mg. Docter suggest him take heathy food & avoid stress do pranayama.

Current Status: After taking regular treatment and counseling from MHCU team from last seven year. His Hypertension and diabetes mellitus type 2 has Considerable improvement.

He is happy & satisfied with MHCU treatment and thankful to Adani Foundation for providing quality treatment at village level.

Employee Volunteer Program

Adani Foundation, Kawai (CSR Department) conduct various activities for our surrounding community under our 4 major verticals and 1 special projects as Education, Community Health, Sustainable livelihood & Community Infrastructure development, and UDAAN.

Every successful activities/ Program has been resulting of joint efforts. Adani Power Rajasthan Limited employees participated in many CSR activities with zeal and passion. The involvement of APRL team energizes to CSR team. Hence Team Kawai performs very well in all aspects of community development.

The employees who contributed under EVP through CSR activities feels happiness and satisfaction for their contribution. Because it was done for needy people of deprived community.

Recognize this contribution and efforts under Employee Volunteer program. Total 582 hour contributed by 61 employees and their family members. And Valuable guidance & support from senior management of APRL.

Vertical	Programs	APRL Employee contribution	Remarks
Education	UDAAN	80 Hours	4 people 1 hour & 20 visits
Community Health	GO RED- Blood donation drive	384 Hours	32 people 12 hour & 1 Day
Sustainable livelihood	FPO strengthen training	08 Hour	4 people 2 hour & 1 day
	Orchard development & other farmers training	40 Hour	20 people 2 hour & 1
	TOTAL	582 Hour	

adani Foundation

Media coverage

शिक्षा क्षेत्र में अदाणी फाउंडेशन को किया सम्मानित

बारां । अदाणी फाउंडेशन को जिला प्रशासन द्वारा शिक्षा क्षेत्र में किये गए नवाचार व उत्थान कार्यो के लिए जिला स्तरीय स्वतंत्रता दिवस समारोह में सम्मानित किया गया।

मंगलवार 15 अगस्त 2023 को बारां में आयोजित स्वतंत्रता दिवस समारोह में बारां जिले में विभिन्न क्षेत्रों में सराहनीय कार्य करने वाली संस्थाओं तथा व्यक्तियो को सम्मानित किया गया। राजस्थान सरकार के खान एवं गोपालन मंत्री प्रमोद जैन भाया मुख्य अतिथि द्वारा अदाणी फाउंडेशन के सीएसआर हेड गोपाल देवडॉ को प्रमाण पत्र व मैडल भेंट कर सम्मानित किया गया। सीएसआर हेड गोपाल देवडॉ ने बताया की सामुदायिक विकास के लिए सदैव अदाणी तत्पर है व युवाओं के सर्वांगीण विकास के लिए प्रतिबद्ध है, हम शिक्षा के साथ ही सामाजिक विकास के अन्य क्षेत्रो जैसे स्वास्थ्य, आजीविका विकास व कौशल विकास पर भी कार्य कर रहे हैं।

अदाणी पावर प्लांट के स्टेशन हेड श्री प्रमोद सक्सेना ने सम्मानित करने पर जिला प्रशासन का आभार प्रकट करते हुए बताया कि अदाणी फाउंडेशन सदैव क्षेत्रीय विकास के लिए संकल्पबद्ध है ओर प्रशासन के मार्गदर्शन से निरंतर यथोचित कार्य करता रहेगा, इस प्रकार से सम्मान हमारी संस्थान को ऊर्जा प्रदान करता है ।

वरिष्ठ परियोजना अधिकारी (शिक्षा–खेल) जयदीप चारण ने विस्तारपूर्वक अवगत करवाया की विगत वर्ष में अदाणी फाउंडेशन द्वारा रणनीतिक रूप शिक्षा व खेलों को बढ़ावा देने के लिए विभिन्न प्रोजेक्ट के माध्यम से कार्य किये हैं– राजकीय उच्च माध्यमिक विद्यालय दडा में भारतीय शिक्षा रेल तर्ज पर रंगरोगन, चारदीवारी व स्टेज का निर्माण, बुनियादी स्तर पर शैक्षिक सुधार हेतु निःशुल्क कोचिंग क्लासेज, 9 राजकीय विद्यालयो में लाइब्रेरी की स्थापना हेतु पूर्ण फर्नीचर, उड़ान प्रोजेक्ट के माध्यम जे 1600 से अधिक विद्यार्थियों को निःशुल्कऔद्योगिक भ्रमण, जिला व राज्यस्तरीय प्रतियोगिताओं में सहयोग व राज्यस्तर पर चयनित खेल प्रतिभाओं को अनुदान, विद्यालयों को फर्नीचर व फर्श वितरण, सोलर लैंप व अनैक गैरशैक्षणिक गतिविधियों का राजकीय विद्यालयों में आयोजन कर गुणवत्तापूर्ण शिक्षा की ओर अग्रसर किया है। शिक्षा विभाग व प्रशासन के मार्गदर्शन व सहयोग से इसी प्रकार आगे भी अदाणी फाउंडेशन कार्य से करता रहेगा।

शिक्षा क्षेत्र में अदाणी फाउंडेशन को किया सम्मानित

अदानी ग्रुप के चेयरमैन - गौतम अडानी के 61वे जन्मदिन पर सामाजिक सरोकार के तहत राजस्थान की व्यावसायिक इकाइयों पर रक्तदान शिविर का आयोजन

भोर वैभव । कमलेश कुमार

लोगो को घर बैठे मिल रहा स्वास्थ्य लाभ, चल चिकित्सा इकाई - अदानी फाउंडेशन की पहल

कवाई। अदानी फाउंडेशन कवाई द्वारा स्वास्थ्य सेवाओं के अंतर्गत मोबाइल हेल्थ केयर यूनिट द्वारा नियमित रूप से अदानी पावर लिमिटेड के आसपास के लगभग 28 गांवों में लोगों को घर बैठे स्वास्थ्य लाभ प्रदान किया जा रहा है।

प्लाट हैड प्रमोद सक्सेना ने बताया कि पिछले 10 - 12 वर्षो से लगातार अदानी द्वारा सामाजिक सरोकार के अंतर्गत विभिन्न गतिविधियों के माध्यम से स्वास्थ्य सेवाएं प्रदान की जा रही हैं ।अदानी फाउंडेशन राजस्थान हैड गोपाल सिंह देवड़ा ने बताया कि आमजन के साथ साथ विशेष रूप से वृद्धजनो, महिलाओ व बच्चों को विशेष लाभ मिल रहा है, ग्रामीण दिन,समय व स्थान अनुसार इस सेवा से स्वास्थ्य लाभ प्राप्त कर रहे हैं। परियोजना अधिकारी दीपक मालवीय ने बताया की चल चिकित्सा ईकाई द्वारा सोमवार से शुक्रवार तक प्रतिदिन 5 गाँवो का भ्रमण कर मासिक लगभग 3000 लोगों को घर बैठे परामर्श एवं दवाइयां प्रदान की जा रही हैं। इस सेवा के साथ-साथ वृद्धजनों और किसी समस्या के कारण मोबाइल हेल्थ केयर यूनिट तक नहीं पहुंच पाने वाले लोगों को घर जाकर नियमित स्वास्थ्य जांच और दवाइयां दी जा रही हैं साथ ही मोबाइल मेडिकल टीम द्वारा स्वास्थ्य दिवस एवं मौसमी बीमारियों के प्रति जागरूकता प्रदान की जा रही है।

अदाणी के जन्मदिन पर रक्तादान शिविर का आयोजन

दैनिक हिंदुस्तान बोर्डर

जोधपुर। अदाणी ग्रुप के चेयरमैन गौतम अदाणी के जन्मदिवस के अवसर पर अदाणी फाउंडेशन के सामाजिक सरोकार के तहत आज के दिन देशभर में अदाणीकी समस्त इकाइयों एवं संस्थानों पर रक्तदान शिविर आयोजित किया जाता है/ इस रक्तदान महादान कार्यक्रम के तहत राजस्थान की व्यावसायिक इकाइया अदाणी ग्रीन एनर्जी लिमिटेड जैसलमेर एवं अदाणी पावर लिमिटेड कवाई बारा में रक्तदान शिविर का आयोजन किया गया/ इसके अंतर्गत अदाणी ग्रीन एनर्जी लिमिटेड के स्टेशन हेड आलोक चतुर्वेदी के दिशा निर्देशन में जैसलमेर जिले में रक्तदान शिविर का आयोजन किया गया।

आलोक ने बताया कि यह रक्तदान आम जनता के सहयोग के लिए किया जा रहा है जिससे ये रक्त संग्रह जरूरत मंद लोगों तक सुगमता से पहुंच सके और यह लोगों के जीवन दान दें सके। अदाणी पॉवर लिमिटेड कवाई बारा में रक्तदान शिविर का उद्घाटन एडीएम बारा सत्यनारायण आमटे, एसडीएम अटरू दिनेश मीना तथा ब्लॉक सीएमएचओ जे पी यादव एवं स्टेशन हेड प्रमोद सक्सेना ने किया। रक्तदान शिविर आयोजन में प्रमोद सक्सेना ने बताया कि रक्तदान आज के दौर में प्रत्येक स्वस्थ व्यक्ति को करना चाहिए जिससे रक्त की उपलब्धता सुनिश्चित हो सके।

है। कॉलोनी निवासी धनराज मीणा सड़क निर्माण की मांग की है। खड़ा कर एक घर में छिप गया। सप्लाई ठप हो गई जो रात आठ पचायत कराड़िया गाव में गुरुवार

व्यवसाय • दूध संकलन केंद्र स्थापित कर साबर डेयरी व हाड़ौती प्रगतिशील प्रोड्यूसर कंपनी दुग्ध एकत्र करेगी

अडानी फाउंडेशन ने बल्क मिल्क कूलर का किया भूमि पूजन, खेती के साथ बढ़ेगा पशुपालन व्यवसाय

भास्कर न्यूज | कवाई

कस्बे के समीप स्थित अडानी पावर प्लांट में गुरुवार को बल्क मिल्क कूलर स्थापित करने के लिए अडानी पावर लिमिटेड के मुख्य कार्यकारी अधिकारी केबी खालिया ने भूमि पूजन किया। इस अवसर पर अडानी पावर प्लांट के ऑपरेशन एंड मेंटेनेंस हेड बृजेश सिंह, मानव संसाधन विकास विभाग के हेड विजय सिंह भी मौजूद थे। अडानी पावर प्लांट के हेड प्रमोद सक्सेना ने बताया कि अडानी फाउंडेशन की ओर से शिक्षा, स्वास्थ्य, आजीविका विकास, बुनियादी ढांचागत विकास एवं कौशल विकास के लिए कई गतिविधियां संचालित की जाती हैं। फाउंडेशन की ओर से संचालित आजीविका विकास कार्यक्रम तहत गठित हाड़ौती प्रगतिशील कंपनी की ओर से संचालित डेयरी विकास कार्यक्रम को आगे बढ़ाने के लिए साबर डेयरी के साथ मिलकर 10 हजार लीटर क्षमता की बल्क मिल्क कूलर लगाई जा रही है। अडानी फाउंडेशन के गोपाल सिंह देवड़ा ने बताया कि आजीविका विकास कार्यक्रम के तहत गठित हाड़ौती प्रगतिशील प्रोड्यूसर कंपनी में अभी करीब पांच सौ महिला सदस्य शेयर धारक हैं जो छह गांवों में दूध संकलन केंद्र संचालित कर रही हैं। जिससे प्रतिदिन पांच सौ लीटर दूध एकत्रित कर सरस डेयरी एवं स्थानीय बाजार में भेजा जा रहा है। जिससे प्रतिमाह सात लाख रुपए से अधिक की आमदनी हो रही है। हाड़ौती प्रगतिशील प्रोड्यूसर कंपनी की निदेशक दुर्गावती ने बताया कि बल्क मिल्क कूलर यूनिट लगाने से लोग खेती के साथ पशुपालन व्यवसाय को आगे बढ़ा पाएंगे। परियोजना अधिकारी रामचरण चौधरी ने बताया कि 10 हजार लीटर क्षमता का बल्क मिल्क कूलर लगने से आसपास के 30 से 40 किमी क्षेत्र के जिन गांवों में दूध उत्पादन हो रहा है वहां दूध संकलन केंद्र स्थापित कर साबर डेयरी एवं हाड़ौती प्रतिशील प्रोड्यूसर कंपनी दुग्ध एकत्र करेगी। जिससे क्षेत्र के लोगों की आमदनी बढ़ेगी। साथ ही पशुपालक अपने गांव में आसानी से दूध बेच पाएगा। इस अवसर पर अडानी फाउंडेशन के जयदीप चारण, दीपक मालवीय, वसीम अकरम एवं अडानी पावर प्लांट के आशीष खंडेलवाल, शशिकांत शर्मा, रामदयाल आदि मौजूद थे।

कवाई. अडानी पावर प्लांट में बल्क मिल्क कूलर के लिए भूमि पूजन करते अधिकारी। लोगों को दी जानकारी।

अदानी फाउंडेशन ने आयोजित की आशा क्षमता वर्धन कार्यशाला

बारां। मंगलवार को अदानी पॉवर प्लांट कवाई में अटरू ब्लॉक की आशा सहयोगिनी की एक दिवसीय कार्यशाला का आयोजन चिकित्सा एवं स्वास्थ्य विभाग बारां, राष्ट्रीय स्वास्थ्य मिशन, अदानी पॉवर लिमिटेड एवं अदानी फाउंडेशन के संयुक्त तत्वावधान में किया गया ।

अदानी फाउंडेशन के स्वास्थ्य परियोजना अधिकारी दीपक मालवीय ने बताया कि कार्यशाला का शुभारंभ अदानी प्लांट प्रबंधन प्रमोद सक्सेना, श्रीमती शुभा सक्सेना, अदानी फाउंडेशन हैड गोपाल सिंह देवडा एवं जिला आशा कोर्डिनेटर धर्मेंद्र निर्विकार द्वारा किया गया ।

एक दिवसीय कार्यशाला में मातृ शिशु स्वास्थ्य, कुपोषण रोकथाम, ग्रह सम्पर्क में आशा की भूमिका, शिशु वृद्धि निगरानी, स्वास्थ्य विभाग की सामाजिक सुरक्षा योजनाएं, टीकाकरण का समय, शिशु एवं मातृ मृत्यु रोकथाम एच बी एन सी एवं एच बी वाई सी समीक्षा आदि विषयों पर स्वास्थ्य विभाग से पधारे प्रक्षिक्षक विष्णु सुमन, नीतू शर्मा, पुष्प दयाल मीना, सीमा शर्मा ने प्रशिक्षण प्रदान किया । सभी आशाओ को कार्यक्षेत्र में सहयोग हेतु अदानी फाउंडेशन द्वारा स्वास्थ्य कीट भी दिया गया जिसमें डिजिटल थरमामीटर, पानी की बोतल, छाता, रजिस्टर, पेन, पेंसिल, रबर, कटर, स्केल, फोल्डर आदि सामग्री थीं । अदानी प्लांट हैड एवं अदानी फाउंडेशन हैड द्वारा सभी आशाओ द्वारा आमजन हेतु किये जा रहे कार्यो की सराहना की एवं आगे भी इसी प्रकार आमजन को अधिक से अधिक अपने कार्यों द्वारा लाभ पहुंचाने की अपील की । कार्यक्रम में अदानी फाउंडेशन के जयदीप, मनीष, रामचरण, विवेक, वसीम एवं हरिचरण ने सहयोग प्रदान किया । जिला आशा कोर्डिनेटर धर्मेन्द्र निर्विकार द्वारा चिकित्सा एवं स्वास्थ्य विभाग बारां की और से अदानी फाउंडेशन को धन्यवाद दिया ।

जेएनवीएसटी की सफलता की कहानी

सपनों से हकीकत तक: एक मां और उसकी बच्ची की कहानी

हमारा समाचार

परिचय: यह कहानी एक युवा लड़की भूमिका के प्रेरणादायक सफर को दर्शाती है, जिसने बाधाओं को पार करते हुए, जवाहर नवोदय विद्यालय चयन परीक्षा (जेएनवीएसटी) में प्रवेश हासिल किया है। भूमिका की कहानी एक दृढ़ संकल्प की परिवर्तनकारी ताकत और उनकी अशिक्षित मां के सपनों के सच होने का प्रमाण है।

पृष्ठभूमि: भूमिका बारां जिले के अटरू ब्लॉक के सुदूर इलाके में स्थित एक छोटे से गांव, सींधनी की रहने वाली है। क्षेत्र के अन्य कई लोगों की तरह उनके परिवार को भी कई सामाजिक-आर्थिक चुनौतियों का सामना करना पड़ा है। भूमिका के पिता श्री जगदीश एक दिहाड़ी मजदूर के रूप में काम करते थे और गुजर बसर करने के लिए संघर्ष कर रहे थे, जबकि उनकी मां श्रीमती ममता, जिन्हें कभी औपचारिक शिक्षा प्राप्त करने का भी अवसर प्राप्त नहीं हुआ, परिवार की घरेलू जरूरतों को पूरा करने में जुटी हुई थीं। इन कठिनाइयों के बावजूद, ममता अपनी 3 प्यारी बेटियों को गुणवत्तापूर्ण शिक्षा देने और भविष्य में परिवार की सामाजिक-आर्थिक स्थिति को सुधारने की तीव्र इच्छा रखती है।

दृढ़ संकल्प और सहयोग की इस दिल छू लेने वाली कहानी में, हम देखते हैं कि एक वंचित समुदाय की युवा लड़की भूमिका, किस प्रकार अदाणी की कॉम्पिटिटिव कोचिंग क्लासेज की मदद से जवाहर नवोदय विद्यालय (जेएनवी) चयन परीक्षा में सफल होने में कामयाब होती है। भूमिका की मां श्रीमती ममता, जिन्होंने स्वयं कभी शिक्षा प्राप्त नहीं की थी, ने परिवार के अन्य सदस्यों के विरोध के बावजूद, अपनी बेटी को शिक्षित करने का निर्णय लिया। भूमिका की मां ने अपनी बेटी को बेहतर जीवन देने और जेएनवी चयन परीक्षा के लिए आवेदन करने तथा वंचित

तैयारी के लिए अदाणी कॉम्पिटिटिव कोचिंग क्लासेज में अपनी बेटी का दाखिला दिलाने के लिए, अदाणी फाउंडेशन से संपर्क करने का दृढ़ संकल्प किया था।

कोचिंग सेंटर के समर्पित शिक्षकों की मदद से, भूमिका जेएनवी चयन परीक्षा की तैयारी करने और सफलता हासिल करने में सक्षम रही है। जेएनवी चयन परीक्षा एक बेहद प्रतिस्पर्धी परीक्षा है, जिसके माध्यम से प्रतिष्ठित जवाहर नवोदय विद्यालय में प्रवेश के लिए छात्रों का चयन किया जाता है, जहां ग्रामीण और आर्थिक रूप से वंचित पृष्ठभूमि के छात्रों को मुफ्त शिक्षा प्रदान की जाती है। भूमिका की सफलता शिक्षा की ताकत और सामुदायिक समर्थन के महत्व का प्रमाण है। पारिवारिक विरोध का सामना करने के बावजूद, भूमिका की मां ने अपनी बेटी को सफल होने का अवसर देने की ठानी। अदाणी कोचिंग सेंटर की मदद से, भूमिका अपने सपनों को हासिल करने और एक उज्जवल भविष्य सुरक्षित करने में सक्षम हुई है।

अदाणी फाउंडेशन की कोचिंग क्लासेज जिसने भूमिका की मदद की, वह अदाणी फाउंडेशन के समुदायों पर पड़ने वाले सकारात्मक प्रभाव का एक उदाहरण मात्र है। भूमिका जैसे छात्रों को पर्याप्त संसाधन और मार्गदर्शन प्रदान करके, वे वंचित समुदायों और शैक्षिक अवसरों के बीच के अंतर को कम करने में मदद कर सकते हैं। भूमिका की सफलता याद दिलाती है कि कड़ी मेहनत और दृढ़ संकल्प से कोई भी अपने लक्ष्य को हासिल कर सकता है। श्रीमती ममता और उनकी बेटी भूमिका की कहानी, वंचित समुदायों के अन्य लोगों के लिए एक प्रेरणा है, जिन्हें अपनी शिक्षा और अपने सपनों को आगे बढ़ाने में इसी प्रकार की चुनौतियों का सामना करना पड़ सकता है।

निष्कर्ष: भूमिका की केस स्टडी, शिक्षा की ताकत, अदाणी फाउंडेशन के प्रभाव और माता-पिता के सपनों का बच्चे के भविष्य पर क्या प्रभाव पड़ सकता है, इसका एक उल्लेखनीय प्रमाण है। एक छोटे से गाँव से एक प्रतिष्ठित शैक्षणिक संस्थान तक का उनका सफर, सिर्फ उनकी सफलता नहीं है; यह इस तरह की चुनौतियों का सामना कर रहे, अन्य अनगिनत वंचित बच्चों के लिए आशा और प्रेरणा की कहानी है। यह अदाणी के विभिन्न कार्यक्रमों की परिवर्तनकारी क्षमता, व्यक्तिगत समर्थन के महत्व और एक बच्चे की आकांक्षाओं व उपलब्धियों पर माता-पिता के सपनों के गहरे प्रभाव को दर्शाती है।

बारां 13-08-2023

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अटरु - अदाणी पावर प्लांट में आज प्रतिभा सम्मान कार्यक्रम में जवाहर नवोदय विद्यालय में चयनित विद्यार्थियों का अदानी द्वारा सम्मानित किया गया । अदानी फाउंडेशन द्वारा संचालित जवाहर नवोदय विद्यालय हेतु संचालित कोचिंग से 5 बच्चों का नवोदय विद्यालय के कक्षा 6 में प्रवेश हेतु चयन हुआ जिससे क्षेत्र में खुशी की लहर है । कवाई कस्बे से समीक्ष लोधी, चंदन जैन, गौरव मीना एवं सींथनी से भूमिका शाक्यवाल व अटरू से रितिका मीना का चयन हुआ है। सीएसआर हेड गोपाल देवड़ा ने बताया कि विगत 6 माह तक अदानी द्वारा संचालित कोचिंग के मार्गदर्शन में विद्यार्थियों के अथक प्रयत्न से चयन हुआ है , ओर इसी क्रम में अदानी फाउंडेशन द्वारा शिक्षा क्षेत्र में बढ़ावा देने व प्रतिभाओं को प्रोत्साहित करने के उद्देश्य से आयोजन किया गया है। स्टेशन हेड प्रमोद सक्सेना ने अपने संबोधन में बताया की इसी प्रकार कई महत्वपूर्ण कार्यक्रम अदानी फाउंडेशन द्वारा चलाये जा रहे हैं जिससे आस पास के क्षेत्र में जागरूकता आये और ज़्यादा से ज्यादा लोग लोग लाभ ले सके। उपस्थित सभी प्रमुख अधिकारी-एच आर हेड दीपक शर्मा, एडमिन हेड सोमवीर शर्मा, टी सी डी हेड जे पी सिंह व अन्य अधिकारियों ने बच्चों व शिक्षक भुवनेश जैन, ब्रजराज हाड़ा व सोहन लाल कश्यप को मिठाई खिला कर व माला पहनाकर शुभकामनाएं दी।

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नवोदय में चयनित प्रतिभाओं का अदाणी फाउंडेशन ने किया सम्मान

कवाई। अदाणी पावर प्लांट में आज प्रतिभा सम्मान कार्यक्रम में जवाहर नवोदय विद्यालय में चयनित विद्यार्थियों का अदानी द्वारा सम्मानित किया गया। अदानी फाउंडेशन द्वारा संचालित जवाहर नवोदय विद्यालय के लिए संचालित कोचिंग से 5 बच्चों का नवोदय विद्यालय के कक्षा 6 में प्रवेश के लिए चयन हुआ जिससे क्षेत्र में खुशी की लहर है। कवाई कस्बे से समीक्ष लोधी, चंदन जैन, गौरव मीना एवं सींधनी से भूमिका शाक्यवाल व अटरू से रितिका मीना का चयन हुआ है। सीएसआर हेड गोपाल देवड़ा ने बताया कि विगत 6 माह तक अदानी द्वारा संचालित कोचिंग के मार्गदर्शन में विद्यार्थियों के अथक प्रयत्न से चयन हुआ है , ओर इसी क्रम में अदानी फाउंडेशन द्वारा शिक्षा क्षेत्र में बढ़ावा देने व प्रतिभाओं को प्रोत्साहित करने के उद्देश्य से आयोजन किया गया है। स्टेशन हेड प्रमोद सक्सेना ने अपने संबोधन में बताया की इसी प्रकार कई महत्वपूर्ण कार्यक्रम अदानी फाउंडेशन द्वारा चलाये जा रहे हैं जिससे आस पास के क्षेत्र में जागरूकता आये और ज्यादा से ज्यादा लोग लोग लाभ ले सके। उपस्थित सभी प्रमुख अधिकारी-एच आर हेड दीपक शर्मा, एडमिन हेड सोमवीर शर्मा, टी सी डी हेड जे पी सिंह व अन्य अधिकारियों ने बच्चों व शिक्षक भुवनेश जैन, ब्रजराज हाड़ा व सोहन लाल कश्यप को मिठाई खिला कर व माला पहनाकर शुभकामनाएं दी। कार्यक्रम में सम्मिलित परिवारजनों ने अदानी फाउंडेशन के इस कार्यक्रम की सराहना की ओर कहा कि हमारे बच्चों की शिक्षा के लिए संचालित यह कार्यक्रम क्षेत्र वासियों के लिए अत्यधिक महत्वपूर्ण है व यह सदैव ऐसे ही सुचारू रहे। इस अवसर परियोजना अधिकारी जयदीप सिंह चारण ने बताया कि विगत 6 सालों से जवाहर नवोदय विद्यालय के लिए कोचिंग संचालित की जा रही है जिससे विद्यार्थियों जागरूक हो रहे हैं साथ ही आसपास के लोगों में जवाहर नवोदय के प्रति रुचि बढ़ी है।

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अटरू. शिक्षा विभाग द्वारा आयोजित जिला स्तरीय वॉलीबॉल प्रतियोगिता 14,17 व 19 वर्षीय का शुभारंभ शुक्रवार को यहां ढोक तलाई हनुमान मंदिर के खेल मैदान में समारोह पूर्वक हुआ। इस अवसर पर मुख्य अतिथि पंचायत समिति की प्रधान वन्दना नागर व कृष्ण मुरारी दिलावर रहे। समारोह को अडानी फाउंडेशन के जयदीप सिंह ने भी संबोधित किया। समारोह में अडानी फाउंडेशन के दीपक मालवीय, सीबीईओ गंगा प्रसाद मीणा, शिवम सर्वोदय स्कूल के प्रधानाचार्य सत्यप्रकाश पारेता, सीनियर सेकेंडरी स्कूल के प्राचार्य चन्द्र मोहन मीणा, पेंशनर शारीरिक शिक्षक रामप्रताप गुजर, जमील अहमद भी अतिथि के रूप में मौजूद थे। प्रतियोगिता के संयोजक प्रेम प्रकाश सेन ने अतिथियों का माल्यार्पण कर, साफा बंधन करके स्वागत किया। संचालन पीईटी इकबाल मोहम्मद ने किया। रतनपुरा स्कूल के पीईटी राजेंद्र शर्मा ने बताया कि प्रतियोगिता में बालक वर्ग की 37 टीमें व बालिका वर्ग में 16 टीम भाग ले रही हैं। अतिथियों ने ध्वजारोहण करके समारोह का शुभारंभ किया। शिक्षा अधिकारी गंगा प्रसाद मीणा ने खिलाड़ियों को शपथ दिलाई।

अटरू. वॉलीबाल प्रतियोगिता में मार्च पास्ट की सलामी लेते अतिथि। पत्रिका

बमोरी कलां. जिला स्तरीय हैंडबॉल प्रतियोगिता के शुभारंभ अवसर पर झंडारोहण करते अतिथि। पत्रिका

जिला स्तरीय हैंडबॉल प्रतियोगिता का शुभारंभ

बमोरीकलां. राजकीय उच्च माध्यमिक विद्यालय के खेल मैदान पर एक शुक्रवार को जिला स्तरीय 67वीं पांच दिवसीय हैंडबॉल प्रतियोगिता का झंडारोहण कर शुभारंभ किया गया। समारोह के शुभारंभ पर मुख्य अतिथि भामाशाह प्रतिनिधि जितेंद्र नागर, जीवनलाल नागर थे। विशिष्ट अतिथि उपजिला अस्पताल के प्रभारी चिकित्सक शकील अहमद रहे। अध्यक्षता सीबीईओ बृजमोहन ने की। विशिष्ट अतिथि चिकित्सा प्रभारी ने शकील अहमद ने खिलाड़ियों को संबोधित करते हुए बताया कि इन खेलों के माध्यम से युवाओं में स्वास्थ्य व आपसी सद्भावना का विकास होता है। इससे खिलाड़ियों में नेतृत्व क्षमता पैदा होती है। प्रतियोगिता संयोजक प्रधानाचार्य उदयसिंह मीणा ने बताया कि 17 व 19 वर्षीय छात्र-छात्राओं की इस प्रतियोगिता में 36 टीमों के 372 खिलाड़ी भाग लेंगे।

अदाणी ग्रुप के चेयरमैन गौतम अदाणी के जन्मदिन पर रक्तादान शिविर आयोजित

जयपुर (सीमा सन्देश सं)। अदाणी ग्रुप के चेयरमैन गौतम अदाणी के जन्मदिवस के अवसर पर अदाणी फाउंडेशन के सामाजिक सरोकार के तहत आज के दिन देशभर में अदाणीकी समस्त इकाइयों एवं संस्थानों पर रक्तदान शिविर आयोजित किया जाता हैं। इस रक्तदान महादान कार्यक्रम के तहत राजस्थान की व्यावसायिक इकाइया अदाणी ग्रीन एनर्जी लिमिटेड जैसलमेर एवं अदाणी पावर लिमिटेड कवाई बारा में रक्तदान शिविर का आयोजन किया गया। इसके अंतर्गत अदाणी ग्रीन एनर्जी लिमिटेड के स्टेशन हेड आलोक चतुर्वेदी के दिशा निर्देशन में जैसलमेर जिले में रक्तदान शिविर का आयोजन किया गया।

आलोक ने बताया कि यह रक्तदान आम जनता के सहयोग के लिए किया जा रहा है जिससे ये रक्त संग्रह जरूरत मंद लोगों तक सुगमता से पहुंच सके और यह लोगों के जीवन दान दें सके। अदाणी पॉवर लिमिटेड कवाई बारा में रक्तदान शिविर का उद्घाटन एडीएम बारा सत्यनारायण आमटे, एसडीएम अटरू दिनेश मीना तथा ब्लॉक सीएमएचओ जे पी यादव एवं स्टेशन हेड प्रमोद सक्सेना द्वारा किया गया। रक्तदान शिविर आयोजन में प्रमोद सक्सेना ने बताया कि रक्तदान आज के दौर में प्रत्येक स्वस्थ यक्ति को करना चाहिए जिससे रक्त की उपलब्धता सुनिश्चित हो सके। आयोजन के क्रम में अदाणी फाउंडेशन के राजस्थान हेड गोपाल सिंह देवड़ा ने बताया कि चेयरमैन सर के जन्मदिवस पर रक्तदान शिविर का आयोजन अदाणी फाउंडेशन की चैयरपर्सन डॉ. प्रीति जी अदाणी के नेतृत्व में निरन्तर सामाजिक सरोकार के कार्य के तहत किया जाता है। इसी कड़ी में लगातार कई वर्षों से जन्मदिवस के अवसर पर सामाजिक सरोकार के अंतर्गत अदाणी की सभी संस्थाओं में अदाणी फाउंडेशन के बैनर तले रक्तदान शिविर आयोजित किया जाता रहा है।

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V NEWS RAJASTHAN

संपादक विरेन्द्र कुमार शर्मा

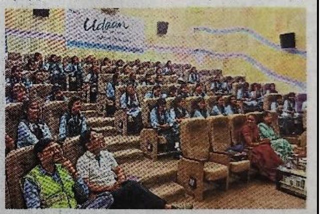
विरेन्द्र कुमार शर्मा | Wed, 04/10/2023

उड़ान कार्यक्रम के अंतर्गत केशव महाविद्यालय अटरू ने की अदानी पावर प्लांट में इंडस्ट्री विजिट......

आज दिनांक 4/10/2023 को केशव महाविद्यालय अटरू के छात्र छात्राओं ने बस द्वारा अडानी पावर प्लांट का भ्रमण किया जहाँ अडानी स्टेशन हेड प्रमोद सक्सेना ने महाविद्यालय दल प्रभारी अजय त्यागी एवं नीलम सोलंकी को पौधा प्रदान कर स्वागत किया प्राचार्य डॉ सीमा राणावत ने बताया कि कार्यक्रम के अंतर्गत सीएसआर हेड गोपाल देवडा, सेफ्टी हेड अनूप सर ,करियर गाइडेन्स, मनीष राणा और विनीत सर ने छात्र छात्राओं को कई उपयोगी जानकारी प्रदान की तथा विद्युत उत्पादन एवं प्लांट भ्रमण एवं सिक्योरिटी से सम्बंधित जानकारी मृदुल और राहुल सर द्वारा प्रदान की गई। सम्पूर्ण कार्यक्रम कोर्डिनेटर और प्रोग्राम मैनेजर जयदीप चारण सर के सानिध्य मे संपन्न हुआ छात्र छात्राओं ने मार्गदर्शन के लिए प्लांट पदाधिकारियों को धन्यवाद दिया ।

प्लांट जाकर छात्र-छात्राओं ने जानी बिजली बनाने की प्रकिया

पत्रिका न्यूज नेटवर्क
patrika.com



अटरू. महात्मा गांधी राजकीय विद्यालय की छात्राओं ने प्रोजेक्ट उड़ान के अंतर्गत अदाणी पावर प्लांट कवाई का शैक्षणिक भ्रमण किया। इस दौरान उन्होंने और बिजली उत्पादन से संबंधित सैद्धांतिक और प्रायोगिक जानकारी प्राप्त की। विद्यालय बस को प्रधानाचार्य हरीश कुमारी ने हरी झंडी दिखाकर रवाना किया। विज़िट कोऑर्डिनेटर चैतन्य कुमारी ने बताया कि प्लांट पहुंचने पर प्रोग्राम मैनेजर जयदीप चारण ने विद्यालय के शिक्षकों जितेन्द्र सिंह, शारीरिक शिक्षका रामलीला मीना, उषा मीना का पौधे भेंट कर स्वागत किया और ऑडिटोरियम में प्लांट व अडानी फाउंडेशन की संपूर्ण जानकारी प्रदान की। सुरक्षा की जानकारी कुलदीप गौतम ने दी। पावर प्लांट व बिजली बनाने की समस्त प्रक्रिया मृदुलकांत द्वारा समझाई गई। हितेश मोरया ने पांच एस का उपयोग निजी जीवन व विद्यालय में करने के बारे में जानकरी साझा की। विवेक व समागाता मंडल ने छात्राओं को बिजली उत्पादन की इकाइयों को दिखाया व बॉयलर और अन्य मशीनरी के बारे में जानकारी दी, अदानी प्लांट प्रबंधन द्वारा प्रत्येक छात्र/छात्रा को एक-एक टी-शर्ट और कैप उपहार स्वरूप दी गई, इस अवसर पर 52 छात्र /छात्राओं ने भ्रमण की संपूर्ण गतिविधियों में उत्साह से भाग लिया।

अदाणी फाउंडेशन द्वारा बल्क मिल्क कुलर हेतु किया भूमि पूजन

प्रभात अभिनन्दन न्यूज

कवाई, 8 जून (का.सं.)। अदाणी पॉवर लिमिटेड के मुख्य कार्यकारी अधिकारी श्रीमान के बि खालिया द्वारा बल्क मिल्क कुलर हेतु भूमि पूजन किया गया। इस अवसर पर अदाणी थर्मल पॉवर के ऑपरेशन एंड मेंटिनेस हेड श्रीमान बृजेश सिंह एवं मानव संसाधन विकास विभाग के हेड श्रीमान विजय सिन्हा भूमि पूजन कार्यक्रम में उपस्थित रहे। इस अवसर पर अदाणी पॉवर प्लांट कवाई के प्लांट हेड श्रीमान प्रमोद सक्सेना ने बताया कि अदाणी फाउंडेशन द्वारा शिक्षा, स्वास्थ्य, आजीविका विकास, बुनियादी ढाँचागत विकास एवं कौशल विकास हेतु विभिन्न गतिविधियों का संचालन किया जाता है।

कामधेनु परियोजना के तहत काफ रैली आयोजित

न्यूज सर्विस/नवज्योति, बारां। अदानी फाउंडेशन द्वारा संचालित आजीविका विकास कार्यक्रम अंतर्गत कामधेनु परियोजना से लाभान्वित पशुपालकों के साथ वत्स रैली का आयोजन किया। अदानी पावर प्लांट हेड प्रमोद सक्सेना ने बताया कि अदानी फाउंडेशन द्वारा संचालित पशु नस्ल सुधार कार्यक्रम अंतर्गत स्थानीय नस्ल की बछड़ियों में कृत्रिम गर्भाधान से उन्नत एवं दुधारू नस्ल की बछड़िया पैदा हो रही है एवं डेयरी विकास कार्यक्रम से स्थानीय लोगों की आमदनी बढ़ रही है।

वरिष्ठ पशु चिकित्सा अधिकारी डॉ. भरत सिंह मीणा ने बताया कि पशुपालन के लिए पशु की नस्ल, पशु आहार एवं पशु का आवास प्रमुख हैस नवजात के पैदा होते ही उसकी देखरेख उचित तरीके से किया जाना अति आवश्यक है क्योंकि आगे जाकर उसके जीवन पर असर डालती है। प्लांट से मेंटिनेंस हेड कर्मवीर सिंह ने बताया कि पशुपालन अंतर्गत गाय का उपयोग केवल दूध तक ही सीमित नहीं है गाय के गोमूत्र, गोबर आदि का बहुत महत्व है जो अपनी खेती पर भी देखने को मिलता है। ग्राम पंचायत दड़ा के सरपंच अजय सिंह चौधरी ने बताया कि अदानी फाउंडेशन द्वारा संचालित कामधेनु परियोजना से क्षेत्र के पशुपालकों को फायदा मिल रहा है, डेयरी विकास कार्यक्रम का शुभारंभ जून 2022 में किया था जो की मात्रा 8 लीटर दूध से शुरू हुआ था जो आज लगभग 700 लीटर दूध प्रतिदिन हो रहा है, साथ ही साबर डेरी के साथ जुड़ने से इसका विस्तार होगा एवं स्थानीय लोगों को फायदा मिलेगा।

कार्यक्रम अंतर्गत ग्राम पंचाय पंचायत कुंजेड़ के पूर्व सरपंच प्रशांत पाटनी ने बताया कि पशुपालन का बहुत महत्व है। कृषि प्रधान भारत देश में खेती के बाद दूसरा स्थान पशुपालन का आता है।

अडानी फाउंडेशन ने शिविर लगाकर विद्यार्थियों का किया स्वास्थ्य परीक्षण

संदेश न्यूज। अटरु. जवाहर नवोदय विद्यालय में अडानी फाउंडेशन द्वारा मौसमी बीमारियों के बचाव के लिए शनिवार को कैंप लगाकर छात्र-छात्राओं का स्वास्थ्य प्रशिक्षण किया ।

प्राचार्य आर बैरवा ने बताया कि मौसम के बदलाव के साथ मौसमी बीमारियों के कारण मलेरिया की रोकथाम व अन्य बीमारियों के लिए स्वास्थ्य प्रशिक्षण के लिए अडानी फाउंडेशन द्वारा विद्यालय के छात्र-छात्राओं का स्वास्थ्य प्रशिक्षण कराया, जिसमें नर्सिंग ऑफिसर गीता तथा अडानी फाउण्डेशन के हेल्थ प्रोजेक्ट अधिकारी दीपक मालवीय के सहयोग से आयोजित किया गया। प्राचार्य ने कहा कि मौसम परिववर्तन के कारण जब अधिक संख्या में छात्र-छात्राएं बीमार हो जाती है तो राजकीय अस्पताल विद्यालय से दूर होने के कारण सभी बीमार विद्यार्थियों को अस्पताल ले जाना संभव नहीं होता, इसलिए जब भी आवश्यकता होती है अडानी फाउण्डेशन द्वारा मेडिकल केम्प आयोजित करवाया जाता है। इस कैम्प में मौसमी बीमारियों से ग्रस्त 144 छात्र-छात्राओं का परीक्षण कर दवाएं वितरित की गई। मेडिकल टीम में अडानी फाउण्डेशन के डॉ. लोकेश, विवेक शर्मा, फार्मासिस्ट भरत आदि ने सहयोग प्रदान किया।

Award & Reorganization

❖ **Awarded on District level Independence Day program-**

- District administration Baran recognize to Adani Foundation Kawai for providing support towards Quality Education in Government schools at Atru block.

- The appreciation certificate and Madel handed over by Sh. Pramod jain Bhaya (Cabinet minister- Rajasthan Government) in presence of District Collector Mr. Narendra Gupta, during Independence day program.

Beneficiaries count

S.No.	Activity Description	Direct	Indirect	Access	% Marginalized
A.	**Education**				
1	PRAYATNA: JNV coaching class project	83	0	168	70%
2	Rural Sports: Support & Coaching for district / state level sports tournaments / Annual programme etc.	2462	0	0	50%
3	MANTHAN : Workshop with Teachers and Players	130	0	5722	50%
B.	**Community Health**				
1	Mobile Health care Unit	37761	113283	42834	50%
2	Health awareness & Ayushman Bharat center and state scheme	51	0	42834	50%
C.	**Sustainable Livelihood**				
1	Kamdhenu - Cattle breed improvement & Women empowerment project	12107	16890	42834	50%
D.	**Climate Action**				
1	Plantation – Wadi development	120	600	42834	70 %
E.	**UDAAN**	1046	0	0	NA

Budget V/s Actual Half Yearly 2023-24

Sr. No.	Activities	Proposed Budget F.Y.2023-24			Expenses till March -2024 (in Lacks)	% of utilization
		Capex	Opex	Total		
A.	General Management and Administration	0.00	39.19	39.19	31.93	81.47%
B.	Education	0.00	15.88	15.88	16.88	106.30%
C.	Community Health	0.00	40.73	40.73	35.92	88.19%
D.	Sustainable Livelihood Development	0.37	82.98	83.35	100.66	120.77%
E.	Community Infrastructure Development	0.00	39.00	39.00	55.07	141.21%
	Total Budget:	**0.37**	**217.78**	**218.15**	**240.46**	**110.23%**

Adani Foundation team, Kawai

S. No.	Name	Position
1.	Gopal Singh Deora	Head- CSR, Rajasthan
2.	Ramcharan Choudhary	Senior Project Officer
3.	Deepak Malviya	Project Officer
4.	Manish Nandwana	Project Officer
5.	Vivek Sharma	SPO- MHCU
6.	Vaseem Akram	Community mobilizer- KAMDHENU

Site office address:
Adani Foundation C/o Adani Power Rajasthan Limited.
Village- Kawai, National Highway- 90.
Atru Road. Tehsil- Atru.
District- Baran, Rajasthan (India).

adani
Power

Ref: APL/PK/GOVT/RSPCB/00625

Date: 15.09.2023

To,
The Member Secretary
Rajasthan State Pollution Control Board,
4, Institutional Area, Jhalana Doongri,
Jaipur – 302004

Subject: **Environmental Statement for the Financial Year 2022-23.**
Ref: Consent to Operate Order No. 2019 - 2020/HDF/2773 dated 09.08.2019.

Dear Sir,

With reference to the above subject, kindly find enclosed herewith the Environmental Statement for financial year 2022-23, along with Form–V prescribed under Rule 14 of the Environment (Protection) Rules 1986, in respect of Kawai Thermal Power Station.

This is for your kind information and record please.

Thanking You,

Yours Sincerely,
For Adani Power Limited, Kawai

15.09.23
(Authorized Signatory)

Encl-As above

Cc: The Regional Officer
Rajasthan State Pollution Control Board
Room No. 345, to 347 Mini Secretariate
Jhalawar – (Rajasthan)

Adani Power Limited
NH 90, Atru Road
Village Kawai, Tehsil Atru
Baran 325 219
Rajasthan, India
CIN: L40100GJ1996PLC030533

Tel +91 744-27-78600
www.adanipower.com

Registered Office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad-382421

ENVIRONMENT STATEMENT

FOR FINANCIAL YEAR

2022 – 2023

1320 (2×660) MW

KAWAI THERMAL POWER PLANT

Submitted to:

Rajasthan State Pollution Control Board

Submitted By:

adani

Power

ADANI POWER LIMITED, KAWAI

Village: Kawai, Taluka: Atru
Baran, Rajasthan

ENVIRONMENTAL STATEMENT

FORM V
(See Rule 14)

From:
Adani Power Ltd. Kawai
Village: Kawai, Taluka: Atru
District: Baran,
Rajasthan – 325 219

To:
The Member Secretary,
Rajasthan State Pollution Control Board,
4, Institutional Area, Jhalana Doongri,
Jaipur – 302 004

Environmental Statement for the financial year (April 2022 to March 2023)

PART - A

i) Name and address of the owner / occupier of the industry Operation or Process

- Name : Sh. Pramod Saxena (Station Head)
- Address : NH-90, Atru Road, Village Kawai, Tehsil Atru, Distt. Baran 325219 (Rajasthan)

ii) Industry category
- Primary- (STC Code) : 08AAGCA9379P1ZP (Large Scale Industry – Red Category)
- Secondary- (SIC Code) : - NA

iii) Production Capacity-Units : 1320 MW (2 x 660MW) Electricity Generation

iv) Year of establishment :
Unit#1 Commissioned on 28th May 2013
Unit#2 Commissioned on 31st December 2013
(Consent to operate is valid up to 29.02.2024).

v) Date of the last environmental statement submitted: **27.09.2022.**

PART B

Water and Raw Material Consumption:

1. Water consumption **m^3/d**
   a) Process : 917.5
   b) Cooling : 41900.8
   c) Domestic : 574.4

Name of Products	Process water consumption per unit of product output	
	During the previous financial year (2021-22)	During the current financial year (2022-23)
	(1)	(2)
Power	2.28 KL/MWh	2.41 KL/MWh

2. Raw Material Consumption

Name of Raw Materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
(1) Coal	Power	581.84 gm/kwh	566.53 gm/kwh
(2) Fuel Oil	Power	0.05 ml/kwh	0.05 ml/kwh

*Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw material used.

PART C

Pollution discharged to environment / unit of output:

(Parameter as specified in the consent issued)

Sr. No.	Pollution	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a)	Water	Nil	NA	NA
(b)	Air (Particulate Matter in mg/Nm^3)	**Unit#1:** 2.49 TPD **Unit#2:** 2.21 TPD	**Unit#1:** 34.30 **Unit#2:** 30.89	Within Limit specified in CTO

- **Water-** No discharge of wastewater. Plant is designed on Zero Discharge concept.

Note- 100% effluent is treated and recycled back. Hence, there is no discharge of effluent in the environment.

PART - D

Hazardous Wastes:

(As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016).

Sr. No.	Hazardous Wastes	Total Quantity	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
a)	From Process • Used/Spent Oil	• 24.592 KL (Generated) • 23.717 KL (Disposed) • 1.037 KL (Balance)	• 18.597 KL (Generated) • 19.259KL (Disposed) • 0.38 KL (Balance)
	• Discarded Containers	• 117 Nos. (Generated) • 115 Nos. (Sold Out) • 06 Nos. (Balance)	• 96 Nos. (Generated) • 0 Nos. (Sold Out) • 102 Nos. (Balance)
b)	From pollution control facilities	NA	NA

PART – E

Solid Wastes:

Sr. No.	Solid Wastes	Total Quantity (Tons)	
		During the previous financial year (2021-22)	During the current financial year (2022-23)
a)	From Process (Bottom Ash)	3,63,740 (Disposed to Bricks manufacturers)	2,45,338 MT (Disposed to Bricks manufacturers)
b)	From pollution control facilities (Ash from ESP)	10,22,481 MT (Dispose to Cement manufacturer)	10,17,371 MT (Dispose to Cement manufacturer)
c)	Quantity recycled or re-utilized within the unit recycled or re-utilized		
	Disposal in reclamation of low-lying area within Plant premises	1,78,600 (In reclamation of low-lying area within Plant premises)	1,17,940 MT (In reclamation of low-lying area in Plant premises)

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.

- Hazardous waste (Used/Spent oil) is being sold to authorized recyclers.
  (Please Refer Part - D for Hazardous waste generation and disposal)
- Fly Ash utilized by following Industries.
  - ACC Ltd.
  - Ambuja Cement Ltd.
  - Birla Corporation Ltd.
  - DCM Shriram Ltd.
  - JK Cement Ltd. Mangrol
  - JK Cement Ltd. Nimbahera
  - JK Lakshmi Cement Ltd.
  - Jagdish Jindal & Company
  - Karnee Enterprises
  - Mangal Road lines
  - Nuvoco Vistas Corporation Ltd.
  - Shri Ishwardas Transport
  - Udaipur Cement Works Ltd.
  - Ultratech Cement Ltd.
  - Ultratech Nathdwara Cement Ltd.
  - Wonder Cement Ltd.
  - Vardhman Transporter
  - Dev Agency
  - Kalpataru Enterprise

PART – G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

- Kawai Thermal Power Station of Adani Power Limited is based on super critical technology of power generation, which is cost effective and reduce the consumption of both natural resourced raw materials, Water & Coal.
- The stack emissions from the plant are controlled by high efficiency Electrostatic Precipitator (ESP).
- Chimney of 275 m height is constructed.
- Other pollution control equipment's like Dust Extraction System & Dust Suppression System are installed at various material transfer points to control fugitive emissions.
- Real time monitoring system for both EQMS & CEMS installed as per the direction of CPCB/RSPCB issued, under Air & Water Act.

- Utilization of rainwater collected during monsoon from rainwater harvesting pond.
- Recycling and reusing of treated water in plant operation.
- Organic waste is being utilized in organic waste converter machine to further manure development.
- Wastepaper is being recycled through paper recycling machine.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

- Installation of Flue Gas Desulphurization (FGD) unit to reduce SO_2 emission as per CPCB direction.

PART - I

Miscellaneous

Any other particulars in respect of Environmental Protection and abatement of pollution.

1. 1,20,812 trees and 1,76,000 shrubs planted up to financial year 2022-23 with 90% survival. Regular plantation is being carried out within plant premises.
2. Ambient air quality monitoring by RDS & Fine Particulate Sampler is carried out at 3 locations within plant premises as per CPCB guidelines.
3. Continuous Ambient Air Quality Monitoring carried out at 3 locations within the plant premises.
4. Continuous Emission Monitoring System is installed and under operation at 80 m height in both the flue cane of 275 m Chimney.
5. Ambient noise levels are being monitored at 10 identified locations within the plant premises.
6. Integrated Management System implemented (QMS as per ISO 9001:2015, EMS as per ISO 14001:2015, OH&S as per ISO 45001:2018, EnMS as per ISO 50001:2018 & WEMS as per 46001:2019) is implemented at Kawai Thermal Power Station and certified by TUV NORD CERT GmbH
7. Good housekeeping is maintained in and around the plant area. 5S initiative is taken up at Kawai Thermal Power Station.
8. Harness of solar energy is introduced by installation of Solar Street Light.
9. CTO compliance report is being submitted to RSPCB on quarterly basis.
10. EC Compliance report is being submitted to RSPCB/MoEF&CC on six monthly basis.
11. 5S Implementation for waste minimization
12. Single use plastic is banned in plant premises.
13. Environment Monitoring is being carried out by MoEF&CC & RSPCB approved Environment Laboratory on quarterly basis.

15.09.23

Authorized Signatory
(Adani Power Limited)

Annexure VII

National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

ENVIRONMENTAL LABORATORY, ADANI POWER LIMITED, KAWAI

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

VILLAGE: KAWAI, ATRU, BARAN, RAJASTHAN, INDIA

in the field of

TESTING

Certificate Number: TC-12493

Issue Date: 23/10/2023 **Valid Until:** 28/03/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: ADANI POWER LIMITED

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

Adani Power Limited, Kawai

Annexure-VIII

Expenditure for Environmental Protection & CSR

(Fig. in Rs. Lacs)

Sr. No.	Particular	Expenditure from (October-2023 to March-2024)
1.	Rural Development/CSR Activities (Education, community health, Sustainable Livelihood, community Infrastructure development etc.)	180.67
2.	Green belt Development (Horticulture)	71.36
3.	Third party monitoring, Services and Equipment & Instruments maintenance, Communication cost.	14.6
4.	Cost involved in emission treatment and disposal (AHP, ETP, CHP etc.)	671.92
Total		**938.55**

Annexure IX

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
आम्रपाली सर्कल, पावर हाउस के पास, वैशाली नगर
जयपुर- 302021
Amrapali Circle, Near Power House, Vaishali Nagar,
Jaipur - 302021

E-mail : **dyccejaipur@explosives.gov.in**
Phone/Fax No : **0141 - 2356731,2356781**

संख्या /No. : **P/HQ/RJ/15/2337 (P295058)**

दिनांक /Dated : **30/12/2022**

सेवा में
/To,

M/s. M/s Adani Power Rajasthan Limited.,,
Kawai Thermal Power Project Near Salpura Railway S,
Kawai,
Kawai,
Taluka: Atru,
District: BARAN,
State: Rajasthan
PIN: 325219

विषय /Sub : **Plot No, Plot No. 504, Khasara No. 1337, Survey No. 1337,, NA, Village-Kawai, Teh-Atru,, Antah, Taluka: Atru, District: BARAN, State: Rajasthan, PIN: 325219** में स्थित विद्यमान पेट्रोलियम वर्ग **B,C** अधिष्ठापन में अनुज्ञप्ति सं **P/HQ/RJ/15/2337 (P295058)** के नवीकरण के संदर्भ में ।
Existing Petroleum Class **B,C** Installation at **Plot No, Plot No. 504, Khasara No. 1337, Survey No. 1337,, NA, Village-Kawai, Teh-Atru,, Antah, Taluka: Atru, District: BARAN, State: Rajasthan, PIN: 325219** - Licence No. **P/HQ/RJ/15/2337 (P295058)** - **Renewal** regarding.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक **OIN1245678** दिनांक **26/12/2022** का अवलोकन करें ।
Please refer to your letter No.: **OIN1245678**, dated **26/12/2022**

अनुज्ञप्ति संख्या **P/HQ/RJ/15/2337 (P295058)** दिनांक **16/04/2019** को दिनांक **31/12/2032** तक नवीनीकृत कर इस पत्र के साथ अग्रषित की जा रही है ।
Licence No. **P/HQ/RJ/15/2337 (P295058)** dated **16/04/2019** is forwarded herewith duly renewed upto **31/12/2032**.

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कडाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व कार्यालय को प्रेषित करें ।
Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence **so as to reach this** office on or before the date on which Licence expires.

कृपया पावती दें।
Please acknowledge the receipt.

भवदीय /Yours faithfully,

((डॉ. जी. के. पाण्डे)
(Dr. G. K. PANDEY))
विस्फोटक नियंत्रक
Controller of Explosives
कृते उप मुख्य विस्फोटक नियंत्रक
For Dy. Chief Controller of Explosives
जयपुर/Jaipur

Note:-This is system generated document does not require signature.
(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें)
(For more information regarding status,fees and other details please visit our website: http://peso.gov.in)

प्ररूप XV
(प्रथम अनुसूची का अनुच्छेद 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिष्ठापनों में पेट्रोलियम के आयात और भंडारकरण के लिए अनुज्ञप्ति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुज्ञप्ति सं. (Licence No.) : **P/HQ/RJ/15/2337(P295058)** फीस रूपए (Fee Rs.) **56250**/- per year

M/s. M/s Adani Power Rajasthan Limited.,, Kawai Thermal Power Project Near Salpura Railway S, Kawai, Kawai, Taluka: Atru, District: BARAN, State: Rajasthan, PIN: 325219 को केवल इसमें यथा विनिर्दिष्टु वर्ग और मात्राओं में पेट्रोलियम **7075.00 KL** आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा संख्या **P/HQ/RJ/15/2337(P295058)** तारीख **07/07/2017** जो कि इससे उपाबद्ध हैं, में दिखाए गए स्थान पर भण्डारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अतिरिक्त शर्तों के अधीन रहते हुए, यह अनुज्ञप्ति अनुदत्त की जाती हैं ।

Licence is hereby granted to **M/s. M/s Adani Power Rajasthan Limited.,, Kawai Thermal Power Project Near Salpura Railway S, Kawai, Kawai, Taluka: Atru, District: BARAN, State: Rajasthan, PIN: 325219** valid only for the importation and storage of **7075.00 KL** Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No **P/HQ/RJ/15/2337(P295058)** dated **07/07/2017** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December **2032** तक प्रवृत रहेगी ।
The Licence shall remain in force till the 31st day of December **2032**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क प्रपुंज पेट्रोलियम /Petroleum Class A in bulk	**NIL**
वर्ग क प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class A, otherwise than in bulk	**NIL**
वर्ग ख प्रपुंज पेट्रोलियम /Petroleum Class B in bulk	**75.00 KL**
वर्ग ख प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class B, otherwise than in bulk	**NIL**
वर्ग ग प्रपुंज पेट्रोलियम /Petroleum Class C in bulk	**7000.00 KL**
वर्ग ग प्रपुंज पेट्रोलियम से भिन्न /Petroleum Class C,otherwise than in bulk	**NIL**
कुल क्षमता /Total Capacity	**7075.00 KL**

December 4, 2012

Chief Controller of Explosives

1). Amendment dated - 16/04/2019

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्टयां संलग्न अनुमोदित नक्शों में दिखाई गई हैं **Plot No: Plot No. 504, Khasara No. 1337, Survey No. 1337,, NA, Village-Kawai, Teh-Atru,, Antah, Taluka: Atru, District: BARAN, State: Rajasthan, PIN: 325219** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **1 Above Ground tank(s) for CLASS B , 4 Above Ground tank(s) for CLASS C** सम्मिलित हैं |

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at **Plot No: Plot No. 504, Khasara No. 1337, Survey No. 1337,, NA, Village-Kawai, Teh-Atru,, Antah, Taluka: Atru, District: BARAN, State: Rajasthan, PIN: 325219** and consists of **1 Above Ground tank(s) for CLASS B , 4 Above Ground tank(s) for CLASS C** together with connected facilities.

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अनुज्ञप्ति संख्या-(Licence No.) P/HQ/RJ/15/2337 (P295058)

नवीनीकरण के पृष्ठांकन के लिए स्थान
SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी। This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	16/12/2013	31/12/2016	Sd/- Dr. Yogesh khare Jt. Chief Controller of Explosives For Dy. Chief Controller of Explosives Jaipur
2).	22/11/2016	31/12/2019	Sd/- Nitin Goyal Dy. Controller of Explosives For Dy. Chief Controller of Explosives Jaipur
3).	09/01/2020	31/12/2022	Sd/- Dr. G. K. PANDEY Controller of Explosives For Dy. Chief Controller of Explosives Jaipur
4).	30/12/2022	31/12/2032	Dr. G. K. PANDEY Controller of Explosives For Dy. Chief Controller of Explosives Jaipur

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पाए जाते है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमे से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा।

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

Note:-This is system generated document does not require signature.