

## Bhagwat Swaroop Sharma

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**From:** Bhagwat Swaroop Sharma  
**Sent:** Tuesday, May 28, 2024 6:31 AM  
**To:** iro.gandhingr-mefcc@gov.in; ecompliance-guj@gov.in  
**Cc:** seiaaguj@yahoo.com; ec-rdw.cpcb@gov.in; ro-gpcb-kute@gujarat.gov.in; ms-gpcb@gujarat.gov.in; Anil Trivedi; Sujalkumar Shah  
**Subject:** Half Yearly EC Compliance Report of CETP Submission for Period Oct.24 to March 2024  
**Attachments:** EC Compliance Report\_MUPL CETP- 2010\_Oct23 to Mar24.pdf



APSEZL/EnvCell/2024-25/011

Date: 25.05.2024

To

**The Inspector General of Forest / Scientist C,**

Integrated Regional Office (IRO),  
Ministry of Environment, Forest and Climate Change,  
Aranya Bhawan, A Wing, Room No. 409,  
Near CH 3 Circle, Sector – 10A,  
Gandhinagar – 382007.  
E-mail: [ecompliance-guj@gov.in](mailto:ecompliance-guj@gov.in), [iro.gandhingr-mefcc@gov.in](mailto:iro.gandhingr-mefcc@gov.in)

**Sub** : Half yearly Compliance report for Environment Clearance for the "Township and area development project" at Survey no. 141 (part), village: Mundra, Dist. Kutch, by M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd."

**Ref** : Environment clearance granted to Adani Mundra SEZ Infrastructure Pvt. Ltd. vide letter dated 20<sup>th</sup> February, 2010 bearing SEIAA letter no. SEIAA/GUJ/EC/8(b)/44 /2010.

**Dear Sir,**

Please refer to the above cited reference for the said subject matter. In connection to the same, it is to state that copy of the compliance report for the Environmental Clearance for the period of October 2023 to March 2024 is being submitted through soft copy (e-mail communication).

Kindly consider above submission and acknowledge.

Thank you,

Yours Faithfully,

For, **M/s Adani Ports and Special Economic Zone Limited**

A handwritten signature in blue ink, appearing to read "Bhagwat Swaroop Sharma".

**Bhagwat Swaroop Sharma**  
**Head – Environment**  
**Mundra & Tuna Port**

**Encl: As above**

**Copy to:**

- 1) The Zonal Officer, Regional Office, CPCB – Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023.
- 2) The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382010.
- 3) The Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – 382010.
- 4) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham – 370201.

To

**The Inspector General of Forest / Scientist C,**

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Ministry of Environment, Forest and Climate Change,  
Aranya Bhawan, A Wing, Room No. 409,  
Near CH 3 Circle, Sector – 10A,  
Gandhinagar – 382007.

E-mail: [ecompliance-guj@gov.in](mailto:ecompliance-guj@gov.in), [iro.gandhingr-mefcc@gov.in](mailto:iro.gandhingr-mefcc@gov.in)

**Sub** : Half yearly Compliance report for Environment Clearance for the "Establishment of Common Effluent Treatment Plant (CETP) of 17 MLD capacity at Survey no. 141 (part), village: Mundra, taluka; Mundra, Dist. Kutch, by M/s. MPSEZ Utilities Pvt. Ltd."

**Ref** : Environment clearance granted MPSEZ Utilities Pvt. Ltd. vide letter dated 20<sup>th</sup> February, 2010 bearing SEIAA letter no. SEIAA/GUJ/EC/7(h)/43/2010.

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Please refer to the above cited reference for the said subject matter. In connection to the same, it is to state that copy of the compliance report for the Environmental Clearance for the period of October 2023 to March 2024 is being submitted through soft copy (e-mail communication).

Kindly consider above submission and acknowledge.

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**Bhagwat Swaroop Sharma**  
**Head – Environment**  
**Mundra & Tuna Port**

**Encl: As above**

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- 3) The Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – 382010.
- 4) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham – 370201.

# Environmental Clearance Compliance Report

of



Common Effluent Treatment Plant,  
Mundra, Dist. Kutch, Gujarat

of

**MPSEZ Utilities Limited (CETP)**  
(Formerly MPSEZ Utilities Pvt. Ltd.)

for

Period:

October-2023 to March-2024

**Status of the conditions stipulated in Environment Clearance**

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**Compliance Report of  
Environment Clearance**

	<b>MPSEZ Utilities Ltd., Mundra (CETP)</b> (Formerly, MPSEZ Utilities Pvt. Ltd.)	From : Oct'23 To : Mar'24
<b>Status of the conditions stipulated in Environment Clearance</b>		

- The name of the company has been changed from **MPSEZ Utilities Pvt. Ltd. (MUPL)** to **MPSEZ Utilities Limited (MUL)** and w.e.f. 16<sup>th</sup> June, 2020 with business need. The letter to change the name in statutory clearance has been submitted to all the concerned authorities.
- GPCB has granted CC&A-Amendment letter vide ref. no. PC/CCA-KUTCH-644(5)/GPCB ID: 10605/573949 dated 26.11.2020 for name change of unit from **MPSEZ Utilities Pvt. Ltd. (MUPL)** to **MPSEZ Utilities Limited (MUL)**. Details were submitted along with half yearly EC compliance report for the period Oct'20 to Mar'21.

	<b>MPSEZ Utilities Ltd., Mundra (CETP)</b> (Formerly, MPSEZ Utilities Pvt. Ltd.)	From : Oct'23 To : Mar'24
<b>Status of the conditions stipulated in Environment Clearance</b>		

**Half yearly Compliance report for Environment Clearance for the for the project "Establishment of Common Effluent Treatment Plant (CETP) of 17 MLD capacity at Mundra, Dist. Kachchh, Gujarat of M/s. MPSEZ Utilities Pvt. Ltd. (CETP) issued vide letter no. SEIAA/GUJ/EC/7(h)/43/2010 dated 20<sup>th</sup> February, 2010.**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
<b>A. Specific Conditions</b>		
1	The MUPL shall conduct a study, every year for initial three years and thereafter once in a three year, through the reputed institute or the Agricultural University to assess the impacts on soil and ground water quality, if any, due to application of treated effluent on land for plantation/ gardening and adopt the additional mitigation measures as may be suggested through such studies.	<p>Complied.</p> <p>Soil and ground water quality monitoring is being carried out through NABL / MoEF&amp;CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi twice in a year (Pre-Monsoon &amp; Post Monsoon). Please refer <b>Annexure - 1</b> for detailed analysis reports. The detailed analysis reports of the same was submitted to GPCB. Copy of acknowledgement is attached as <b>Annexure-2</b>.</p> <p>Treated water is being utilized on land for horticulture / gardening purpose within CETP and APSEZ premises after achieving GPCB permissible norms only.</p>
2	In order to assess and control the quality of effluent discharge, the MUPL shall carry out sampling of effluent from each member unit (cluster or individual unit) on daily basis, maintain records and submit the same at interval of every month.	<p>Complied.</p> <p>Effluent sample of each member unit is collected on daily basis and analysed in-house at environmental laboratory.</p> <p>Inhouse analysis reports are being submitted to GPCB every month and acknowledgement of last report (Mar'24) submitted to GPCB is attached as <b>Annexure - 3</b>.</p>
3	Industries having high pollution potential like dyes and dye intermediates, bulk drugs and intermediates, pesticides etc. shall not be allowed in MPSEZL in such proportion that effluent received at the CETP always meets with the inlet norms.	<p>Complied.</p> <p>Presently Textile, Chemical, Warehouse, Oil, Steel, CFS, Electronic and food products category industries are available in SEZ area.</p> <p>At present there is no such industry within APSEZ as mentioned in the condition.</p> <p>Inlet norms of effluent for CETP are mentioned at specific condition no. 6. Effluents from any industry are allowed only if they comply with inlet norms of CETP.</p>
4	Fresh water requirement for the CETP shall be 100	Complied.



**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024														
	KL/day, which shall be sourced through Gujarat Water Infrastructure Ltd. (GWIL) pipeline from Narmada water supply. No ground water shall be tapped for the project.	The average freshwater requirement for CETP is 5.65 KL/Day during the compliance period, which is being sourced through Gujarat Water Infrastructure Ltd. (GWIL) and Desalination plant of APSEZ. No ground water is being tapped.  Details of water consumption are given as <b>Annexure - 4.</b>														
5	The quantity of effluent discharge from the CETP shall not exceed 17000 KL/ Day (17 MLD).	Complied.  The average quantity of effluent & sewage received in CETP from member units as well as sewage from Mundra village was 956.02 KL/Day and treated water discharge from the CETP 831.43 KL/Day respectively during the compliance period. Present installed capacity of CETP is 2.5 MLD only which is higher than average inflow of effluent from member industries. Details on quantity received from industry and treated water discharge are attached as <b>Annexure - 4.</b>														
6	The total quantity of effluent discharge (including industrial effluent and sewage overflow from septic tank – soak pit) from the member units shall not exceed 17000 KL/ Day (17 MLD) and it shall be conveyed through underground pipeline to the CETP for further treatment. The effluent discharge from the CETP member units (cluster or individual unit) shall confirm to the following CETP inlet norms framed by the MUPL:	Complied.  The average quantity of effluent & sewage received in CETP from member units as well as sewage from Mundra village was 956.02 KL/Day and average treated water discharge from the CETP 831.43 KL/Day during Oct'23 to Mar'24.  There are only two member industries of CETP as on date for industrial effluent and four members units for domestic sewage including Mundra village as well as APSEZ common facility. Entire wastewater is being transferred through underground pipeline only. On avg. 831.43 KL/ Day treated water from CETP was reused for horticulture purpose during compliance period.  Monitoring and analysis of CETP inlet wastewater from each industry is carried out regularly through in-house laboratory for the parameters such as pH, TDS, TSS, COD, BOD, Chlorides and NH3-N. Analysis reports are being submitted to GPCB every month and analysis reports is attached as <b>Annexure - 3.</b>														
	<table border="1"> <thead> <tr> <th>Parameter</th> <th>CETP inlet norm of MUPL</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>6.5 To 8.5</td> </tr> <tr> <td>Suspended Solids</td> <td>800 mg/l</td> </tr> <tr> <td>BOD (3 Days at 27 °C)</td> <td>1000 mg/l</td> </tr> <tr> <td>COD</td> <td>2000 mg/l</td> </tr> <tr> <td>TDS</td> <td>2100 mg/l</td> </tr> <tr> <td>Oil &amp; Grease</td> <td>20 mg/l</td> </tr> </tbody> </table>	Parameter	CETP inlet norm of MUPL	pH	6.5 To 8.5	Suspended Solids	800 mg/l	BOD (3 Days at 27 °C)	1000 mg/l	COD	2000 mg/l	TDS	2100 mg/l	Oil & Grease	20 mg/l	<p>Monitoring and analysis of CETP inlet wastewater is being carried out once in a month by NABL and MoEF &amp; CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi and the same is being submitted to GPCB every month. GPCB acknowledgement copy of the same is attached as <b>Annexure - 2.</b> Summary of the same for duration from Oct'23 to Mar'24 is mentioned below.</p> <p><b>CETP Inlet:</b></p>
Parameter	CETP inlet norm of MUPL															
pH	6.5 To 8.5															
Suspended Solids	800 mg/l															
BOD (3 Days at 27 °C)	1000 mg/l															
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**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions		Compliance Status as on 31-03-2024					
			TEST PARAMETERS	UNIT	Min	Max	Average	Perm. Limit <sup>§</sup>
	Phenolic Compounds	1 mg/l						
	Cyanides	0.2 mg/l	pH @ 27 ° C	--	7.44	7.95	7.66	6.5 – 8.5
	Fluorides	2 mg/l	Total Suspended Solids	mg/L	42	50	45.67	800
	Sulphides	2 mg/l	Ammoniacal Nitrogen	mg/L	26.9	33.5	30.00	50
	Ammonical Nitrogen	50 mg/l	BOD (3 days at 27 °C)	mg/L	78	82	79.83	1000
	Copper	3 mg/l	COD	mg/L	280	292	286.30	2000
	Nickel	3 mg/l	Total Dissolved Solids	mg/L	1580	1790	1661.67	2100

<sup>§</sup> as per CC&A granted by GPCB

Please refer **Annexure – 1** for detailed analysis reports.

List of member units for industrial effluent as well as domestic sewage was submitted along with half yearly compliance report for the period Oct'19 to Mar'20. And there is no further change.

MUL-CETP has also installed Continuous Effluent Quality Monitoring System (CEQMS) as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters. It is also connected with GPCB as well as CPCB server and details of the same was submitted to the MoEF&CC along with half yearly compliance report April- 2016 to Sep - 2016.

During the compliance period Oct'22 to Mar'23 MUL-CETP had Installed a new CEQMS (Make M/s. HORIBA India Pvt. Ltd.) with monitoring parameters i.e. pH, TSS, BOD, COD & NH<sub>3</sub>-N as well as migrated the Continuous Effluent Monitoring System (CEQMS) server from M/s. Logic Ladder Technologies Pvt. Ltd. to M/s. SAKSHAM (Unitech technocrats Pvt Ltd.) for data transmission with CPCB & GPCB server. On dated 06/12/2022 send mail to the Central Pollution Control Board (IT Division) for migration approval as well as intimated to GPCB for connectivity vide letter dated 28.08.2023. The copy of intimation letter for CEQMS migration –was submitted during the compliance period Oct'22 to Mar'23.

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024												
7	The individual member unit will be required to achieve CETP inlet norms. If required, necessary treatment for removal of metals, ammonical nitrogen and other such parameters will be given by the individual units to meet the CETP inlet norms.	<p>Complied.</p> <p>Agreement is made with the industry to consider aspect of conformance with the CETP inlet norms. Effluent samples are tested for conformance of inlet norms of CETP as provided in specific condition no. 6 above. Currently two units have agreement to discharge their effluent to CETP. The detail for the same is as below.</p> <table border="1"> <thead> <tr> <th>Unit</th> <th>ETP Capacity</th> <th>Treatment Methodology</th> <th>Average Water Discharge (Booking Quantity)</th> </tr> </thead> <tbody> <tr> <td>M/s Dorf Ketal Chemicals (I) Pvt. Ltd.</td> <td>100 KLD</td> <td>Primary &amp; Secondary Treatment</td> <td>85 KLD</td> </tr> <tr> <td>M/s Ahlstrom Fiber Composites India Pvt. Ltd.</td> <td>50 KLD</td> <td>Primary Treatment</td> <td>25 KLD</td> </tr> </tbody> </table>	Unit	ETP Capacity	Treatment Methodology	Average Water Discharge (Booking Quantity)	M/s Dorf Ketal Chemicals (I) Pvt. Ltd.	100 KLD	Primary & Secondary Treatment	85 KLD	M/s Ahlstrom Fiber Composites India Pvt. Ltd.	50 KLD	Primary Treatment	25 KLD
Unit	ETP Capacity	Treatment Methodology	Average Water Discharge (Booking Quantity)											
M/s Dorf Ketal Chemicals (I) Pvt. Ltd.	100 KLD	Primary & Secondary Treatment	85 KLD											
M/s Ahlstrom Fiber Composites India Pvt. Ltd.	50 KLD	Primary Treatment	25 KLD											
8	The MUPL will ensure that effluent discharge from member units (cluster or individual unit) complies with the inlet norms of the CETP.	<p>Complied.</p> <p>The details for the same are provided in specific condition no 6 above.</p>												
9	Domestic wastewater shall be discharged into septic tank/ soak pit system by the individual member units and the overflow shall be conveyed to the CETP along with industrial effluent for its treatment. Domestic wastewater generated at the CETP will also be treated in the CETP.	<p>Complied.</p> <p>Sewage from member industries, APSEZ common facility and Mundra village is collected into collection tank, which is transferred to CETP at average rate of 956.02 KL/Day through pipeline during the compliance period.</p> <p>Average generation of domestic wastewater is 1.13 KL per day at the CETP and the same is being treated in the CETP itself along with other effluent.</p>												
10	The MUPL will establish the adequate primary, secondary and tertiary effluent for its treatment facilities to achieve the GPCB norms. The CETP shall be established in modules of 2.5 MLD to achieve the ultimate	<p>Complied.</p> <p>MUL has established the adequate primary, secondary and tertiary treatment facility to achieve the GPCB norms. Present installed capacity of CETP is 2.5 MLD.</p> <p>Third party analysis of the treated water is being carried out once in a month by NABL and MoEF &amp; CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi.</p>												

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024																																										
	<p>capacity of 17 MLD with the passage of time depending on the actual requirements as per development of the MPSEZL. The CETP shall be operated regularly and efficiently so that quality of treated effluent from the CETP always meets with the GPCB norms.</p>	<p>Summary of the same for duration from Oct'23 to Mar'24 is mentioned below.</p> <table border="1" data-bbox="576 510 1513 875"> <thead> <tr> <th>CETP Outlet: Parameter</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit<sup>§</sup></th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>--</td> <td>7.44</td> <td>7.89</td> <td>7.61</td> <td>6.0 – 9.0</td> </tr> <tr> <td>TSS</td> <td>mg/L</td> <td>14</td> <td>16</td> <td>15</td> <td>100</td> </tr> <tr> <td>TDS</td> <td>mg/L</td> <td>1560</td> <td>1654</td> <td>1599.67</td> <td>2100</td> </tr> <tr> <td>COD</td> <td>mg/L</td> <td>108.60</td> <td>134.20</td> <td>116.23</td> <td>250</td> </tr> <tr> <td>BOD</td> <td>mg/L</td> <td>32</td> <td>37</td> <td>33.67</td> <td>100</td> </tr> <tr> <td>Ammonical Nitrogen as NH<sub>3</sub>-N</td> <td>mg/L</td> <td>17.20</td> <td>19.20</td> <td>18.35</td> <td>50</td> </tr> </tbody> </table> <p style="text-align: right;"><sup>§</sup> as per CC&amp;A granted by GPCB</p> <p>Please refer <b>Annexure - 1</b> for detailed analysis reports. Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during the FY 2023-24 for overall APSEZ.</p> <p>MUL has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC &amp; Ammoniacal Nitrogen parameters and result of the same is also transferring to regulatory authorities i.e. CPCB &amp; SPCB regularly.</p> <p>GPCB is also doing sampling and analysis of CETP inlet and outlet sample at every month and copy of analysis report is attached as <b>Annexure - 5</b>, which shows that all the parameters are well within the permissible norms.</p>	CETP Outlet: Parameter	Unit	Min	Max	Average	Perm. Limit <sup>§</sup>	pH	--	7.44	7.89	7.61	6.0 – 9.0	TSS	mg/L	14	16	15	100	TDS	mg/L	1560	1654	1599.67	2100	COD	mg/L	108.60	134.20	116.23	250	BOD	mg/L	32	37	33.67	100	Ammonical Nitrogen as NH <sub>3</sub> -N	mg/L	17.20	19.20	18.35	50
CETP Outlet: Parameter	Unit	Min	Max	Average	Perm. Limit <sup>§</sup>																																							
pH	--	7.44	7.89	7.61	6.0 – 9.0																																							
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Ammonical Nitrogen as NH <sub>3</sub> -N	mg/L	17.20	19.20	18.35	50																																							
11	<p>The treated effluent from the CETP conforming to the GPCB norms shall be utilized for plantation / gardening within the SEZ area of MPSEZL during non-rainy days whereas it shall be discharged to deep sea through outfall system of MPSEZL having CRZ permission during high rainy days.</p>	<p>Complied.</p> <p>Average 831.43 KL/Day treated water was used for plantation/gardening within the premises of CETP and other areas of Adani Ports and Special Economic Zone Limited during the compliance period.</p> <p>Available horticulture / gardening area within CETP as well SEZ premises for utilization of treated water is 146.84 Ha.</p>																																										
12	<p>Well-designed effluent distribution network with sprinklers / drip pipes shall be provided for proper utilization of treated</p>	<p>Complied.</p> <p>Drip irrigation system is provided for watering the green belt in the vicinity.</p>																																										

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	effluent for plantation / gardening.	
13	The CETP shall have and use only one outlet for the discharge of its effluent and no effluent shall be discharged without requisite treatment and without meeting with the GPCB norms. Such outlet shall be kept near the front gate/ entrance of the CETP.	<p>Complied.</p> <p>Treated water from CETP is supplied through only one outlet for gardening purpose.</p> <p>MUL CETP has installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC &amp; Ammonical Nitrogen parameters. It is also connected with GPCB as well as CPCB server and information for the same was submitted to the MoEF &amp; CC along with half yearly compliance report April- 2016 to Sep - 2016.</p> <p>During the compliance period Oct'22 to Mar'23 MUL-CETP had Installed a new CEQMS (Make M/s. HORIBA India Pvt. Ltd.) with monitoring parameters i.e. pH, TSS, BOD, COD &amp; NH<sub>3</sub>-N as well as migrated the Continuous Effluent Monitoring System (CEQMS) server from M/s. Logic Ladder Technologies Pvt. Ltd. to M/s. SAKSHAM (Unitech technocrats Pvt Ltd.) for data transmission with CPCB &amp; GPCB server. On dated 06/12/2022 send mail to the Central Pollution Control Board (IT Division) for migration approval as well as intimated to GPCB for connectivity vide letter dated 28.08.2023. The copy of intimation letter for CEQMS migration -was submitted during the compliance period Oct'22 to Mar'23.</p> <p>Quality of treated effluent from CETP meets with GPCB norms. Refer specific condition No. 10 for test result summery.</p> <p>Please refer <b>Annexure - 1 &amp; 5</b> showing quality of treated water during this compliance period.</p>
14	The MUPL shall instruct and make sure that each contributing member (cluster or individual unit) shall provide a storage tank having at least one day retention time, from where the effluent will go to the CETP for further treatment by pumping through rising main.	<p>Complied.</p> <p>An agreement is made with the respective units to provide storage facility for retention.</p> <p>At present the industrial effluent from two units is received for treatment at the CETP. Both the units have storage tanks of 100 &amp; 50 KL, which is sufficient to store the effluent for at least one day.</p>
15	The MUPL shall give time slot to the contributing	Complied.

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	member units for discharge of effluent and implement a mechanism for ensuring that the member units adhere to the same.	At present there are only two member industries of CETP for industrial effluent discharge and time slot has been given to each industry for discharging their industrial effluent.
16	The MUPL shall strictly observe and make sure that every member shall supply entire effluent quantity to the CETP.	Complied.  MUL verifies the data of wastewater generation produced by the member units and matches with the inlet meter reading to make sure the entire effluent quantity is supplied to CETP.
17	The MUPL shall be responsible for proper conveyance of effluent from their member units to the CETP. To distinguish the effluent conveyance pipelines from other pipelines, they should be coated with special colour. Periodical maintenance of effluent conveyance pipelines and valves shall be carried out to avoid any spillage or leakage of the effluent being conveyed to the CETP from the member units.	Complied.  Black coloured HDPE pipeline for effluent conveyance has been provided to transfer effluent from member units.  Daily monitoring of effluent conveyance pipeline and regular maintenance of pump, valve and panel is carried out. Periodical maintenance is carried out to avoid leakage.
18	Magnetic flow meters shall be provided at the inlet and outlet of the CETP as well as ETP outlets of the CETP member units and records for the same shall be maintained and submitted regularly.	Complied.  Magnetic flow meters to maintain the record of quantity of raw effluent and treated effluent have been provided at inlet and outlet of CETP.  Records of quantity received from industry and treated discharge are attached as <b>Annexure - 4</b> .
19	The MUPL shall also install pH sensor solenoid valve with alarm device at the inlet of equalization tanks. Emergency tank shall be provided at the CETP for diverting effluent with the CETP inlet norms, in case of unforeseen circumstances.	Complied.  pH meter is provided at CETP inlet, equalization tank and neutralization tank for continuous monitoring of pH.  Equalisation tank having capacity of 1700 KL is capable to take care of unforeseen circumstances.  However, MUL has also installed lock-arrangement system valves at the effluent discharge outlet of member units to ensure

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
		<p>effluent quality within CETP inlet norms. Analysis of effluent is being carried out before discharging to verify that effluent is meeting with GPCB permissible norms or not. The CETP can receive effluent from member unit only after achieving CETP inlet norms. Analysis reports of each member unit is being submitted the GPCB on monthly basis.</p> <p>One equalization tank can be kept as standby tank for diverting effluent not meeting with the CETP inlet norms, in case of unforeseen circumstances. A stand-by storage tank of adequate capacity is also provided with member units which is sufficient to store the effluent for at least one day in such circumstances.</p>
20	<p>The MUPL shall also install pH sensor with alarm device at final outlet to ensure that effluent being discharge is always neutral.</p>	<p>Complied.</p> <p>MUL-CETP has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC &amp; Ammoniacal Nitrogen parameters with alarm/alert system in case of exceedance. It is also connected with GPCB as well as CPCB server. Information for the same was submitted to the MoEF &amp; CC along with half yearly compliance report Apr – 2016 to Sep – 2016.</p> <p>During the compliance period Oct'22 to Mar'23 MUL-CETP has Installed a new CEQMS (Make M/s. HORIBA India Pvt. Ltd.) with monitoring parameters i.e. pH, TSS, BOD, COD &amp; NH<sub>3</sub>-N as well as migrated the Continuous Effluent Monitoring System (CEQMS) server from M/s. Logic Ladder Technologies Pvt. Ltd. to M/s. SAKSHAM (Unitech technocrats Pvt Ltd.) for data transmission with CPCB &amp; GPCB server. On dated 06/12/2022 send mail to the Central Pollution Control Board (IT Division) for migration approval as well as intimated to GPCB for connectivity vide letter dated 28.08.2023. The copy of intimation letter for CEQMS migration -was submitted during the compliance period Oct'22 to Mar'23.</p>
21	<p>All the chemicals and nutrients which are required to be added / dosed in any CETP unit shall be added by using "Metering Pumps" only.</p>	<p>Complied.</p> <p>Metering pumps for dosing of chemicals such as Alum; Polyelectrolyte; Lime and sodium hypochloride are provided with stand by pumps. Photographs showing the metering pumps submitted to along with half yearly compliance report Oct – 2021 to Mar – 2022.</p>
22	<p>The MUPL shall not keep any bypass line or system, or loose or flexible pipe for discharging effluent outside or even for conveying treated or</p>	<p>Complied.</p> <p>Treated water from CETP is supplied through only one outlet for gardening purpose and no bypass line or system, or loose/flexible pipe are provided for discharging effluent outside or even for conveying treated or untreated effluent within the CETP</p>

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	untreated effluent within the CETP premises.	premises.
23	The MUPL shall provide impervious tanks / HDPE tanks / impervious guard ponds to hold effluent for at least 48 hours in the case of either maintenance of the CETP or process disturbances and any untreated effluent shall never be discharged into the environment.	Complied.  Two nos. of Guard Ponds having RCC Structure with total capacity of 3000 KL for storage are available within CETP to ensure no untreated effluent discharge into environment.
24	In case of power failure, stand- by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the CETP shall be installed, so that the CETP shall always be operated round the clock even in case of power failure.	Complied.  Emergency D.G. Set having 380 KVA capacity has been provided as stand-by which is equivalent to the power requirement to run CETP.
25	The MUPL will maintain daily log books for the quantity and quality of effluent discharged by the member units, quantity and quality of inflow into the CETP, details of the treatment at each stage of the CETP including the chemicals used. MLSS/ MLVSS & DO concentrations in Aeration Tanks, quantity of sludge extracted from the treatment process, energy consumed in treatment, quantity and quality of effluent utilized for plantation / gardening, quantity and quality of effluent discharged to deep sea through outfall system of MPSEZL etc.	Complied.  Logbooks containing all required information of operation & maintenance are maintained. A copy of logbook is attached as <b>Annexure - 6</b> .  Record of sludge generation and disposal is being maintained. CETP is designed having 2.5 MLD capacity, against that at present MUL has received only avg. 956.02 KLD effluent and sewage from member industries during compliance period.  Total 14.29 MT sludge disposed through co-processing at Ambuja Cement Ltd. Kodinar during the compliance period Oct'23 to Mar'24. Copy of manifest is attached as <b>Annexure - 7</b> .  The sludge generated thereafter is stored in dedicated storage area and will be disposed in line with permission granted.  MUL has done agreement with M/s. Ambuja Cement Ltd., Kodinar for co-processing of CETP sludge for energy recovery as an environment sound practice for disposal of hazardous waste in line with 5R (Reduce-Reuse-Recycle-Reprocessing-Recovery) principle. Details of the same were submitted along with half



**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	Details of the member units failing to comply with the CETP inlet norms shall be submitted to the GPCB on regular basis.	yearly EC Compliance report for the period Oct'20 to Mar'21.  MUL has also obtained membership of common TSD site M/s. Saurashtra Enviro Projects Pvt. Ltd., Bhachau, which is valid till 17.12.2025. Details of the same were submitted along with half yearly EC Compliance report for the period Oct'20 to Mar'21.
26	The MUPL shall set up a full fledged laboratory for collection, analysis of samples to monitor the effluent quality and deploy competent technical staff for the analysis and monitoring purpose.	Complied.  Well-equipped laboratory having all the infrastructure facility and instruments is provided in CETP.  Competent technical staff is deployed for monitoring and analysis of environmental parameters.
27	Regular effluent quality monitoring shall be carried out for relevant parameters and the monitored data along with the statistical analysis and interpretation should be submitted to the GPCB on monthly basis.	Complied.  Daily analysis data are being submitted to GPCB on monthly basis and proof showing the same is attached as <b>Annexure - 3</b> .  Third party analysis of the treated water is being carried out once in a month by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi.  MUL has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters and result of the same is also transferring to regulatory authorities i.e. CPCB & SPCB regularly.  GPCB Sample analysis report is attached as <b>Annexure - 5</b> , which shows that all the parameters are well within the permissible norms.  Also refer Point no. 10 for further details.
28	The company shall also have to submit every month, the analysis reports of the samples of effluent got collected and analysed by one of the recognized laboratories.	Complied.  Third party analysis of the treated water is being carried out once in a month by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. The reports of the same is also being submitted to the GPCB every month and latest GPCB acknowledgement copy is attached as <b>Annexure - 2</b> .  Monitoring report for the period from Oct'23 to Mar'24 is attached as <b>Annexure - 1</b> . Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during the FY 2023-24 for

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
		<p>overall APSEZ.</p> <p>Also refer Point no. 10 &amp; 27 for further details.</p>
29	<p>The third party inspection of the CETP with respect to the compliance of the norms shall be carried out through a reputed institute like NEERI, IIT, etc. once in a year and mitigation measures as may be suggested by such an institute shall be implemented in consultation with the Gujarat Pollution Control Board.</p>	<p>Complied.</p> <p>Environment Audit is carried out on six monthly basis through reputed institute (Sch-I Auditor) approved by GPCB. Environment monitoring is part of Environment Audit Report. Recommendations suggested as per Environment Audit Report for the period Apr'23 to Sept'23 are being complied.</p> <p>Latest environment audit report was submitted vide letter dated 27.12.2023 and the GPCB acknowledgement copy is attached as <b>Annexure - 8</b>.</p>
30	<p>The MUPL shall maintain accurate records of their member units in respect of quantity of each product manufactured, quantity of water consumption, quality of trade effluent, quantity of effluent generated, booked and supplied to CETP on day to day basis and shall submit the compiled record to the GPCB on monthly basis.</p>	<p>Complied.</p> <p>Data regarding quantity and quality of effluent generated from member units are submitted to GPCB regularly and proof showing the same is attached as <b>Annexure - 3</b>.</p> <p>Details of Product manufactured, water consumption and wastewater generation are being submitted by individual units on monthly basis to the GPCB in form of monthly patraks and its record are also being maintained by MUL. Details of the same are attached as <b>Annexure - 9</b>.</p>
31	<p>Ground water quality shall be monitored on regular basis with piezometer bore wells at suitable locations in consultation with GPCB and its records shall be maintained. The monitored data along with interpretation shall be submitted at least once in six months.</p>	<p>Complied.</p> <p>Bore-hole has been made at CETP main gate to check ground water quality and water level. No ground water contamination is evident as per the monitored data.</p> <p>Ground water sampling and analysis is being done on six monthly basis and its report is attached as <b>Annexure - 1</b>.</p>

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024																														
32	Adequate stack height as per prevailing norms shall be provided to the D.G. Set. The flue gas emission from D.G. Set shall comply with the norms prescribed by the GPCB.	<p>Complied.</p> <p>At present there is only one emergency D.G. set having capacity of 380 KVA is used as stand-by. Adequate stack height of 8 meter has been provided to the said D.G. Set. There was 50 litres fuel consumption for emergency power supply of 58 KWH due to power failure during this compliance period. However, flue gas emission monitoring from D.G. Set is being carried out on six monthly basis at the time of trial run and its report is attached as <b>Annexure - 1.</b></p>																														
33	The ambient air quality shall be monitored in and around the CETP area and results shall be submitted to the GPCB. The locations for the ambient air quality monitoring shall be fixed and reviewed in consultation with the GPCB.	<p>Complied.</p> <p>Ambient Air Quality Monitoring station is established in consultation with GPCB. Third party analysis of the ambient air quality is being carried out on regular basis (twice in a week) by NABL and MoEF &amp; CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Oct'23 to Mar'24 is mentioned below.</p> <p><b>Monitoring Locations &amp; Frequency: 02 (Twice in a week)</b></p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit<sup>§</sup></th> </tr> </thead> <tbody> <tr> <td>PM10</td> <td>µg/m<sup>3</sup></td> <td>69.36</td> <td>84.64</td> <td>76.21</td> <td>100</td> </tr> <tr> <td>PM2.5</td> <td>µg/m<sup>3</sup></td> <td>24.13</td> <td>40.15</td> <td>31.76</td> <td>60</td> </tr> <tr> <td>SO<sub>2</sub></td> <td>µg/m<sup>3</sup></td> <td>14.78</td> <td>21.27</td> <td>17.81</td> <td>80</td> </tr> <tr> <td>NO<sub>2</sub></td> <td>µg/m<sup>3</sup></td> <td>18.65</td> <td>26.50</td> <td>22.94</td> <td>80</td> </tr> </tbody> </table> <p style="text-align: right;"><sup>§</sup> as per NAAQ standards, 2009</p> <p>Please refer <b>Annexure - 1</b> for detailed analysis reports. Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during the FY 2023-24 for overall APSEZ.</p>	Parameter	Unit	Min	Max	Average	Perm. Limit <sup>§</sup>	PM10	µg/m <sup>3</sup>	69.36	84.64	76.21	100	PM2.5	µg/m <sup>3</sup>	24.13	40.15	31.76	60	SO <sub>2</sub>	µg/m <sup>3</sup>	14.78	21.27	17.81	80	NO <sub>2</sub>	µg/m <sup>3</sup>	18.65	26.50	22.94	80
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34	The MUPL must strictly comply with the rules and regulations with regards to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, as may be amended from time to time. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous	<p>Complied.</p> <p>MUL has been renewed its GPCB Authorization vide Order No. AWH – 113221 dated 10.06.2021, Valid up to: 07.04.2026 from GPCB, Gandhinagar. Copy of Renewed CC&amp;A was submitted during the half yearly EC Compliance report Apr 21 to Sept 21.</p> <p>All the hazardous waste generated from premises is being disposed as per Hazardous &amp; Other Waste Rules – 2016.</p> <p>Please refer condition no. 25 for HW disposal details.</p>																														

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	wastes.	
35	CETP sludge shall be dried, packed and stored in designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Complied.  Generated CETP sludge is dried in sludge drying beds, packed in bags and stored in dedicated hazardous waste storage area having appropriate facilities. Details of the same were submitted along with EC Compliance report for the period Apr'18 to Sep'18.
36	CETP waste shall be disposed at authorized common TSD facility. The company shall necessary permission of the TSD operator for disposal of CETP sludge.	Complied.  Hazardous waste generated from CETP is being disposed through authorised TSD facility or co-processing at cement industries. MUL have obtained membership with TSD operator SEPPL, Bhachau as well as done agreement with M/s. Ambuja Cement Limited, Kodinar for the same.  CETP is designed having 2.5 MLD capacities, against that at present MUL is receiving average 956.02 KLD effluents / sewage from member industries and Mundra village.  Please refer condition no. 25 for further details.
37	Discarded containers / drums / bags/ liners shall be either reused or returned back to suppliers or sold to authorized vendors after decontamination.	Complied.  Hazardous waste generated from CETP is being disposed through authorised TSD facility or co-processing at cement industries.  Please refer condition no. 25 for HW disposal details.  Used Oil and Discarded Containers generation is not frequent in nature. As & when generated, the same will be disposed by selling out to registered recycler / reprocessor.
38	Used oil shall be sold to the registered recyclers.	
39	Adequate handrails shall be provided to all the CETP units for preventing fall of any person in the CETP tanks.	Complied.  Adequate handrail are provided at CETP Tanks for fall protection.
40	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of chemicals. Handling and dosing of the materials shall be done in such a	Complied.  Safety measures like appropriate hand gloves, safety goggles, safety shoes, reflective jacket are provided. Photographs showing the same were submitted as a part of compliance report for the duration of Apr'17 to Sep'17.  Metering pumps for dosing of chemicals such as Alum;

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	manner that minimal human exposure occurs.	Polyelectrolyte; Lime and Sodium Hypochlorite are provided with stand by pumps. Photographs showing the metering pumps submitted to along with half yearly compliance report Oct – 2021 to Mar – 2022.
41	All the storage tanks shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.	Complied  There are no any chemical storage tanks within CETP Premises. Closed handling system is provided for chemical dosing.
42	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency, regular medical check-up of the workers and keeping its record etc.	Complied.  MUL is co-developer of Adani Ports and Special Economic Zone Limited. The Occupation Health Centre of APSEZ is accessible in case of emergency or regular medical check-up of workers. In addition, there is also a Multispecialty Hospital within the APSEZ area at a distance of approx. 3 Km from the CETP. Details of periodical medical examination report of the employees working in MUL – CETP are attached as <b>Annexure – 10 A</b> .
43	Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.	Complied.  Personal protective equipments are provided to all workers and its usage is ensured and supervised regularly through site in-charge and safety department of APSEZ.
44	First Aid Box shall be made readily available in adequate quantity.	Complied.  First aid box is available in CETP area. OHC of APSEZ maintains first aid box regularly. Photographs of first aid box is attached as <b>Annexure 11</b> .
45	Training shall be imparted to all the workers on safety and health aspects of chemicals handling and CETP operations.	Complied.  Regularly toolbox talk is being conducted at CETP for safety and health aspects of chemicals handling and CETP operations.
46	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be	Complied.  Pre-employment and periodical medical examination is being carried out. There was one new employment done during compliance period.  Details of Periodical & Pre-employment medical examination report of the employees working in MUL – CETP are attached as

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024																		
	undertaken as per the Factory Act & Rules.	<b>Annexure – 10 A &amp; 10 B.</b>  Periodical & Pre-employment medical examination are being carried out as per defined HR policy.																		
47	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Not Applicable  No hazardous chemicals are transported during the compliance period.																		
48	The overall noise level in and around the CETP area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Complied.  Noise level monitoring is being carried out on monthly basis by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Oct'23 to Mar'24 is mentioned below.  <b>Monitoring Locations &amp; Frequency: 02 (Once in a month – 24 Hourly)</b> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Unit</th> <th>Leq Min</th> <th>Leq Max</th> <th>Leq Average</th> <th>Leq Perm. Limit*</th> </tr> </thead> <tbody> <tr> <td>Day Time</td> <td>dB(A)</td> <td>57.5</td> <td>69.5</td> <td>64.32</td> <td>75</td> </tr> <tr> <td>Night Time</td> <td>dB(A)</td> <td>54.8</td> <td>64.8</td> <td>60.48</td> <td>70</td> </tr> </tbody> </table> <p align="right">* As per CC&amp;A granted by GPCB</p> Please refer compliance condition no. 32 for further details.  Please refer <b>Annexure – 1</b> for detailed analysis reports. Approx. INR 13.37 Lakh is spent for all environmental monitoring activities during the FY 2023-24 for overall APSEZ.	Parameter	Unit	Leq Min	Leq Max	Leq Average	Leq Perm. Limit*	Day Time	dB(A)	57.5	69.5	64.32	75	Night Time	dB(A)	54.8	64.8	60.48	70
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Day Time	dB(A)	57.5	69.5	64.32	75															
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49	The MUPL shall develop green belt within premises as per the CPCB guidelines, preferably with local species, and shall submit an action plan of plantation for next three years to the GPCB.	Complied.  APSEZ has developed its own "Dept. of Horticulture" which is taking measures/ steps for terrestrial greening and developed 11.26 hectare of green belt with the density of 885 trees per hectare within CETP & WTP premises. Total 9963 trees are planted within CETP & WTP premises. So, far APSEZ has developed 457.99 ha. area as greenbelt with plantation 9.06 Lacs saplings within the APSEZ area.  Details of the green belt development activity done by APSEZ Mundra are attached as <b>Annexure – 12.</b>																		
<b>B. General Conditions</b>																				
50	GPCB will ensure while granting CTE to individual units that no industry of heavy pollution is allowed	This point is applicable to GPCB.																		

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	in such SEZ.	
51	Construction of the proposed CETP should be undertaken meticulously confirming to the existing central / local rules and regulations. All the construction designs/drawing relating to the proposed construction activities must have approvals of the concerned State Government Department/Agencies.	<p>Already complied.</p> <p>Construction for 2.5 MLD CETP is completed and the same is in operation phase. There is no requirement for additional capacity of CETP as on date. Upon requirement of additional capacity, the new module of CETP will be constructed confirming to the applicable rules and regulations.</p>
52	In the event of the CETP's not functioning as proposed / breakdown of the CETP, the CETP member units shall be immediately intimated to stop discharging the effluent / to shut down their plants immediately. The effluent from the member units shall not be received at CETP until the desired efficiency of the CETP has been achieved.	<p>Point noted and agreed.</p> <p>CETP has functioned as per designed efficiency and meeting with GPCB discharge norms during the entire compliance period. Hence no such event to stop collecting the effluent is required.</p>
53	If the CETP fails to achieve the GPCB norms at its outlet; the individual units shall provide and operate the Effluent Treatment Plant (ETP) with adequate primary, secondary and tertiary treatment facility to achieve the GPCB norms.	<p>Point noted and agreed.</p> <p>CETP is functioning with the designed efficiency and meeting with GPCB discharge norms during the entire compliance period.</p> <p>Individual members have their own ETPs which provides necessary treatment to achieve GPCB norms.</p>
54	The MUPL shall ensure that each & every member renews the agreement on / before expiry of said agreement and shall inform the GPCB about any unit not renewing	<p>Complied.</p> <p>The agreements are renewed before its expiry by the member units.</p> <p>No event of termination or suspension of the CETP membership has occurred during the compliance period of Oct'23 to Mar'24.</p>

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	within stipulated period. The MUPL shall immediately inform the Gujarat Pollution Control Board about termination/suspension of the CETP membership of any member unit.	
55	The MUPL shall not allow any new member or enhance effluent quantity of existing members unless & until they have prior requisite permissions from competent authorities.	<p>Complied.</p> <p>MUL has been granted permission for receiving 1.5 MLD domestic sewage in to CETP for treatment from Mundra village from GPCB. Details were submitted along with half yearly EC compliance report for the period Oct'19 to Mar'20.</p> <p>MUL is allowing any new member or enhance effluent quantity of existing members, when they have prior requisite permissions from competent authorities.</p>
56	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<p>Complied.</p> <p>Chemical storage areas and chemical handling areas are provided with Pucca flooring to minimize soil contamination. Photograph showing the same were attached as a part of compliance report submission for the duration of Apr'17 to Sep'17.</p>
57	Good housekeeping shall be maintained within the CETP premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.	<p>Complied.</p> <p>Good housekeeping is being maintained within the CETP premises by the dedicated housekeeping staff.</p> <p>Leakages were attended and recorded in the MIS report of MUL. Details of all the maintenance work done during compliance period of Oct'23 to Mar'24 are attached as <b>Annexure - 13</b>.</p> <p>No floor washing activity was carried out during the compliance period.</p>
58	During effluent transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<p>Point noted.</p> <p>Effluent is being transferred to CETP by dedicated pipeline. No accidental spillage has occurred during this compliance period.</p>



**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
59	Storm water shall not be mixed with the effluent. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.	Complied. Effluent is being transferred by effluent transfer pipeline while for storm water, a separate storm water drain is provided in CETP which remains dry throughout the year except monsoon.
60	The MUPL shall intimate the GPCB about occurrence of any accident, act or event resulting in discharge of poisonous, noxious or polluting matter or the likelihood of the same into a stream or land or well.	Complied. No accident, act or event has been occurred resulting in discharge of poisonous, noxious or polluting matter or the likelihood of the same into a stream or land or well during this compliance period.
61	The Environmental Management Cell with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.	Complied. APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site environment team direct report to site Chief Executive Officer (CEO) and the CEO directly reports to the top management. Updated Environment Management Cell Organogram is attached as <b>Annexure 14</b> .
62	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported	Complied. Separate budget for the Environment protection measures is earmarked every year. All environment and horticulture activities are considered at corporate level and budget allocation is done accordingly. No separate bank account is maintained for the same however, all the expenses are recorded in advanced accounting system of the organization.  Budget for environmental management measures (including horticulture) for the FY 2023-24 is to the tune of INR 1536.48 lakh. Out of which, Approx. INR 1366.78 lakh was spent during the year FY 2023-24. Detailed breakup of the expenditures for the past 3 years is attached as <b>Annexure - 15</b> .
63	The MUPL shall take appropriate community development and welfare program for improving socio-economic	Complied. MUL is Co-developer of APSEZ and APSEZ is actively working with local community around the project area and provides required support for their livelihood and other concerns through the CSR

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024				
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			<ul style="list-style-type: none"> <li>• Medical Supports: 1 007 beneficiary in 35 village.</li> <li>• <b>International year of Millets – 2023:</b> To promote millet culture and raise awareness about its benefits in Mundra, we organized a Millet Competition across nine villages. Over 715 women took part in the competition, while 2200 benefited from awareness sessions. Through this initiative, 300 indigenous millet recipes were showcased, highlighting the potential for sustainable and nutritious dishes in our daily diets.</li> <li>• <b>Ayushman card facilitation:</b> Ayushman card issued to 6865 for 25 village of 686.50 Cr. health insurance. Preventive health Campaign The Adani Foundation is focusing on providing preventive healthcare to women and adolescent girls, raising awareness of Physical and Mental health issues, promoting healthy behaviors, implementing Menstrual hygiene initiatives and Millet consumption for healthy body.</li> <li>• <b>Sample Survey Report 2023-24</b> <ul style="list-style-type: none"> <li>○ 55% Never heard about Menstrual hygiene</li> <li>○ 60% Are using cloths on regular basis</li> <li>○ 36% Had never used sanitary pads</li> <li>○ 68% Had no information about UTI</li> <li>○ 30% Never used millets in their diet</li> <li>○ 60% Never heard about millets or it's benefits</li> </ul> </li> <li>• 2222 –Economically Challenged patients have been supported for operation, OPD, IPD, Medicines and lab-test.</li> <li>• For Preventive health care General and multispecialty camps Pediatric camp, General Health camps in 7 villages and Super specialist camp which benefitted more than 4690 patients of Mundra &amp; Mandvi Taluka.</li> <li>• Cattle Health Camp: Adani Foundation and Animal Husbandry department Veterinary Jointly organizing cattle health Awareness and vaccination programs in 24 Villages of our periphery villages with total 18903 cattle benefitted and 18870 cattle vaccinated. Total 982 cattle owners benefitted for Preventive Health Care &amp; Fodder Support Program</li> </ul>
		Sustainable Livelihood – Fisher folk, Agriculture & Women	<p><b>Overall Persistent efforts for Fisherman development:</b></p> <ul style="list-style-type: none"> <li>• 598 Education Kit Support</li> <li>• 273 Fisherman Shelter Support</li> <li>• 1,247 Vehicle transportation support of Mundra and Mandvi taluka</li> <li>• 106 Cycle Support to high school going students</li> <li>• 613 Scholarship Support</li> <li>• 419 Youth Employment</li> <li>• 195 Linkages with Fisheries Scheme</li> <li>• 3,534 Ramatotsav Community Engagement</li> <li>• 56,523 Man days Mangroves Plantation</li> </ul> <p><b>Empowering Fisherfolk Communities through Education:</b></p> <ul style="list-style-type: none"> <li>• <b>Vehicle Transportation Facilities:</b> 146 Students supported Mundra Taluka and 58 Students supported at Mandvi Taluka during the compliance period</li> <li>• <b>Education Kits Support:</b> Education Kits including notebooks, guides, and bags, to fisherfolk students studying in 9th to 12th standard to enhance their learning</li> </ul>

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		<p>experience (57 nos. students benefitted).</p> <ul style="list-style-type: none"> <li>• <b>Educational Awareness Sessions:</b> Through targeted awareness sessions in Fisherfolk Vasahats, we promote the transformative power of education, with a particular focus on advancing girl-child education. (487 Students motivated for high school Education).</li> <li>• <b>Scholarship Support:</b> Provide scholarship support to 31 deserving students, covering their higher secondary school fees. Emphasizing gender equality, we offer 100% fee support to female candidates and 80% to male candidates.</li> <li>• <b>Cycle Support:</b> Overcoming transportation obstacles, our cycle support initiative enables six 9<sup>th</sup> standard fisherfolk students from Juna Bandar to continue their education with ease.</li> <li>• <b>Assisting During Emergencies:</b> Fisherfolk Home were significantly damaged by the Biporjoy Cyclone. In response to that we provided 2696 cement sheets to 336 fisherfolk households of Juna Bandar, Luni, and Randh Bandar to support their recovery. (336 Fisherfolk house benefited)</li> <li>• <b>Fostering Youth Employment:</b> At APSEZ Mundra, our mission revolves around providing sustainable employment opportunities for the local fishing community. We serve as a bridge between industries and Fisherfolk youth, facilitating job placements to enhance livelihoods. This year, we have successfully engaged 115+ Fisherfolk youth, paving the way for a brighter future. (115+ Fisherfolk youth employed)</li> <li>• <b>Strengthening Fisherfolk women:</b> Through comprehensive health and hygiene initiatives, we empower Fisherfolk women. Our programs include family planning resources, menstrual hygiene workshops, nutrition advocacy, and health awareness sessions covering vaccinations, clean water access, and mental health support. (449 Women benefited)</li> <li>• <b>Potable Water Distribution:</b> Providing potable water facilities to 9 Fisherfolk Vasahats daily, either through water tankers or by establishing linkages with the nearest Gram Panchayat. This initiative benefits over 5000 Fisherfolk, significantly improving their health and productivity. (5000+ Population benefited).</li> </ul> <p><b><u>Sustainable Livelihood - Agriculture:</u></b> During compliance period This year, the Adani Foundation continued its strong commitment to advancing natural farming in Mundra. Through various initiatives and partnerships, we provided crucial support to local farmers, empowering them with knowledge and resources to transition to sustainable practices.</p> <ul style="list-style-type: none"> <li>• 2200+ Farmers educated in natural farming</li> <li>• 800+ Farmers embracing natural farming methods</li> <li>• 200 Farmers got financial assistance of Rs. 10,000</li> <li>• 3 District level exposure visit</li> <li>• ₹ 36.7 lakh Business done by our benefited Farmers</li> </ul> <p><b><u>Promoting Natural Farming:</u></b></p> <ul style="list-style-type: none"> <li>• <b>Training:</b> Conducted training for 1250 farmers in 16 villages, enlightening them about the harmful effects of chemical fertilizers. Demonstrated how to produce organic fertilizer using household products, emphasizing its benefits and cost-effectiveness. After adopting it, they witnessed its</li> </ul>

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		<p>positive effects on their fields.</p> <ul style="list-style-type: none"> <li>• <b>Kitchen Garden Kit:</b> We have supported vegetable kitchen garden kits to 500 farmers with the aim to enable them to grow fresh and nutritious, chemical-free vegetables. This will enhance their food security and promote self-reliance.</li> <li>• <b>Empowering Farmers:</b> This year, amidst the aftermath of the cyclone, we stood by our farmers and held dedicated meetings with KVK, KCS, and DRC to restore the fallen date trees. Collaboratively, provided JCB, technical support, organic fertilizer etc. Successfully restored 615 trees. Each Date trees is projected to yield approximately Rs. 25,000, Total Yield in Next Season:- Rs.1.53 Cr.</li> <li>• <b>Financial Assistance:</b> Extend financial support to 200 farmers, each receiving Rs. 10,000, a transaction gracefully facilitated by Mr. R. N. Parmar, virtually transferring funds to their bank accounts, funded by Adani Petrochemicals. This fund will help farmers in planting a total of 53,136 fruit-bearing plants.</li> </ul> <p><b><u>Raj Shakti Prakrutik Khedi Sahkari Mandali:</u></b></p> <ul style="list-style-type: none"> <li>• <b>Appreciation by Governor:</b> Governor of Gujarat, Shree Acharya Devvratji, encouraged 25 of our farmers practicing natural farming at the Krushi and Dairy Expo event in Bhuj.</li> <li>• <b>Exposure Visits Certification by GOPCA:</b> Our farmers embarked on three eye-opening exposure visits to Gautech-2023,</li> <li>• <b>Certification by GOPCA:</b> We have successfully certified 28 farmers under the Gujarat Organic Products and Certification Agency (GOPCA).</li> </ul> <p><b><u>Kutch Kalptaru FPO (KKPC) and Prakrutik Mandli</u></b></p> <ul style="list-style-type: none"> <li>• To promote horticulture, the Kutch Kalptaru FPO (KKPC) was established in 2020 by farmers from Mundra Block to address various challenges they faced. With an initial 350 shares held by 280 shareholders, the company is now expanding to include up to 5000 farmers and 537 registered shareholders. (800 Farmers benefited and ₹ 33.67 lacs Turn over)</li> <li>• 19 nos. of Market Linkage for supporting to Green carnival at Samudra Township &amp; Shantivan colony Now 302+ farmers are collaborated with Mandli. Total Green Carnivals 37, Total Sell 8,623 kg and Revenue generated ₹ 30184805. by connecting directly with consumers, they've seen a remarkable 35% increase in their income.</li> <li>• Adani Foundation has also provided 14.38 lacs kg Dry Fodder and 45.85 lacs kg Green fodder in 31 villages of Mundra and Anjar Block to support the resource dependent villagers, to avoid their dependency on mangroves. The expenditure for fodder supporting activities was approx. 305.55 Lacs during FY 2023-24.</li> <li>• Adani Foundation provides Good Quality dry and green fodder to 24 Villages. Project is covering total 15005 Cattels / 2070 farmers and hence enhancing cattle productivity during FY 2023-24.</li> <li>• <b>Grass Land development:</b> AF converted 18 acres of denuded village common pastureland gauchar into fertile and productive grassland in Zarpara, Siracha, Gundal, Kukadsar village to transform into Fodder Sustain village during FY 2023-24.</li> </ul>

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		<p><b>Women Empowerment:</b></p> <ul style="list-style-type: none"> <li>● <b>Self Help Groups (SHGs):</b> Established 82 self-help groups in various rural and urban areas to provide financial and social support to women We provided training and capacity building workshops to members of these SHGs to help them develop income generating activities and improve their livelihoods Through this initiative, we have empowered over 850 women to become self-reliant with Savings of more than Rs 35 Lacs.</li> <li>● <b>Making SHG Self Reliant:</b> <ul style="list-style-type: none"> <li>➤ 16 SHG are on pathways of self-reliance.</li> <li>➤ Various handicraft, dry and fresh food making, stitching, tie and die etc.</li> <li>➤ 175+ women - Monthly average income @ 7000 of each member over Month.</li> </ul> </li> <li>● <b>Job Sourcing – Govt:</b> <ul style="list-style-type: none"> <li>➤ 11 Women supported for application and process of Gram Rakshak Dal, Bank Sakhi, Bima Sakhi and Professional Resouce Person.</li> <li>➤ Average income 4200 Per Month.</li> </ul> </li> <li>● <b>Job Sourcing – Private:</b> <ul style="list-style-type: none"> <li>➤ Coordination for Job by Unnati Portal with Adani Group company companies, Britania, B Medical and Emphazer company.</li> <li>➤ 398 Women supported till date for job sourcing of more than 18 villages.</li> <li>➤ Average income 10200 Per Month.</li> </ul> </li> <li>● <b>Social Empowerment:</b> <ul style="list-style-type: none"> <li>➤ 2 Livlihood Enhancement Training through RSETI.</li> <li>➤ Financial support for business set up.</li> <li>➤ Legal rights and domestic violence workshops.</li> <li>➤ Family counselling for Job sourcing.</li> </ul> </li> <li>● During FY2023-24 Approx. INR 122.32 lakh were spent for Fisherfolk Amenities work in different core areas.</li> <li>● Till FY 2023-24 Adani Foundation has done total expenditure of INR 1460.50 lakh for Fisherfolk Amenities work in different core areas.</li> <li>● Skill Development and Income Generation –Adani Foundation is working with 82 Self-help group and supporting to develop entrepreneur skills to become self-reliant, sourcing more than 850 women to absorb in various job.</li> </ul> <p><b>Previous development activities:</b></p> <ul style="list-style-type: none"> <li>● <b>Cement Roof Sheet Support:</b> fisherfolk Home were significantly damaged by the <b>Bipor Cyclone</b>. In response to that we provided 2696 cement sheets to 336 fisherfolk households of Juna Bandar, Luni, and Randh Bandar to support their recovery."</li> <li>● <b>Potable water Distribution:</b> Providing access of potable Drinking water Facilities to Nine sherfolk vasahat on Daily bases, either By Water tanker or Linkage with Nearest Gram panchayat.</li> <li>● More than 5000 Fisherfolk Population are getting benefit which impact on their health and efficiency.</li> <li>● Water distribution to Luni &amp; Bavadi Bandar</li> </ul>

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			<p>Fishfolk Vasahat: 35000 KL water for 936 people.</p> <ul style="list-style-type: none"> <li>• <b>Sagar Mitra Card:</b> Introduced the 'Sagar Mitra Card' to simplify access for Fisherfolk to specific fishing routes within APSEZ. This digital card is connected to a digital punching machine located at designated entry points. Initially, we have implemented this system for Navinal Fisherfolk, and so far, we have issued a total of 57 Sagar Mitra Cards."</li> <li>• Government scheme Awareness session was held in association with Fisheries department Bhuj to facilitate pagadiya fishermen by providing fishing kits to seven Fishermen. The coordination was made by Adani Foundation to process application.</li> <li>• <b>Organic Vegetable Shop Inauguration:</b> Adani Foundation is promoting natural farming in Mundra through the "Rajshakti Prakrutik Kheti Sahkari Mandali," a group of 32 farmers. They opened a shop on May 24th to sale their produce in the open market.</li> <li>• 257 Farmers have started to preparing Jiva Mrut &amp; Gaukrupa Amrutam Bio-fertilizer and using in agricrop. Series of Training is arranged by ATMA and Adani Foundation.</li> <li>• Supported 1500 farmers for barrel &amp; wormi compost.</li> </ul> <p>Education</p> <p><b>Initiatives Under Utthan Project:</b></p> <table border="1" data-bbox="810 1120 1436 2040"> <thead> <tr> <th>Utthan Initiatives</th> <th>Benefited</th> </tr> </thead> <tbody> <tr> <td>Strengthening government Primary &amp; High schools</td> <td>31 Villages, 77 Schools, 12000+ Students, Efforts for Increase Gunotsav result &amp; Board result.</td> </tr> <tr> <td>Appointing an Utthan sahayak</td> <td>70+ Utthan sahayak works as catalyst. Students: Teacher ration decrease.</td> </tr> <tr> <td>Mainstreamed Progressive learner</td> <td>Assessment: 6982, Progressive learners: 2541, Mainstreamed: 1278.</td> </tr> <tr> <td>Providing required resources and facilities</td> <td>Sports Kit, Music Kit, TLM Kit, Science Kit provided in schools.</td> </tr> <tr> <td>Enabling joyful learning spaces</td> <td>Smart Class with Navneet software+ Bala painting + Activity base learning.</td> </tr> <tr> <td>Adani Students Development Center (ASDC)</td> <td>2 Adani Evening Education Center, 5 Adani Competitive Coaching Center, 5 Adani English Coaching Center</td> </tr> <tr> <td>Introducing English as a Third Language</td> <td>Students: 5000+ Classes 1-4, Curriculum, Every Friday morning assembly in English</td> </tr> <tr> <td>Enhancing Reading Habits</td> <td>Redding corner , 1000+ Oasis workshop , 162780 Books CICO, 100+ Schools partner from 10+ Country in International school library month(ISLM)</td> </tr> <tr> <td>IT on Wheels</td> <td>2 dedicative van, 2 IT instructors, 55 laptops, 34 schools, Empowering 4170 students , 200+ High schools' students</td> </tr> <tr> <td>Promote sports</td> <td>6 Students selected in District level sports school, Inspiring more 100 Students. Khel Maha Kumbh : 2000+</td> </tr> <tr> <td>Teachers' &amp; Sahayak Capacity</td> <td>3500+ Hours Capacity building program + Webinar + Diksha + 10 full</td> </tr> </tbody> </table>	Utthan Initiatives	Benefited	Strengthening government Primary & High schools	31 Villages, 77 Schools, 12000+ Students, Efforts for Increase Gunotsav result & Board result.	Appointing an Utthan sahayak	70+ Utthan sahayak works as catalyst. Students: Teacher ration decrease.	Mainstreamed Progressive learner	Assessment: 6982, Progressive learners: 2541, Mainstreamed: 1278.	Providing required resources and facilities	Sports Kit, Music Kit, TLM Kit, Science Kit provided in schools.	Enabling joyful learning spaces	Smart Class with Navneet software+ Bala painting + Activity base learning.	Adani Students Development Center (ASDC)	2 Adani Evening Education Center, 5 Adani Competitive Coaching Center, 5 Adani English Coaching Center	Introducing English as a Third Language	Students: 5000+ Classes 1-4, Curriculum, Every Friday morning assembly in English	Enhancing Reading Habits	Redding corner , 1000+ Oasis workshop , 162780 Books CICO, 100+ Schools partner from 10+ Country in International school library month(ISLM)	IT on Wheels	2 dedicative van, 2 IT instructors, 55 laptops, 34 schools, Empowering 4170 students , 200+ High schools' students	Promote sports	6 Students selected in District level sports school, Inspiring more 100 Students. Khel Maha Kumbh : 2000+	Teachers' & Sahayak Capacity	3500+ Hours Capacity building program + Webinar + Diksha + 10 full
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**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024																				
		<p>opportunity to represent Mundra block at the district level</p> <ul style="list-style-type: none"> <li> <b>Achievement in Arts:</b> <ul style="list-style-type: none"> <li>An Essay and Quiz Competition arranged by TATA BUILDING INDIA was organized on the theme of "Recycle". 81 students of AVMB participated.</li> <li>06 Students of Class VI to VIII appeared in PRARAMBHIK VISHARAD examination conducted by BRIHAD GUJARAT SANGIT SAMITI on 14/12/2023, School is waiting for the result.</li> <li>19 Students of Class V to IX wrote inspirational stories in Gujarati language all the stories were submitted to a published in "GULSHAN" magazine in 10th edition on 11/10/2023.</li> </ul> </li> <li> <b>Training Skill Development:</b> Adani Skill Development Centre (ASDC) is dedicated to enhancing employability and entrepreneurship. This year, ASDC has trained 50,00 individuals across Kutch, resulting in 65% livelihood generation. ASDC's vision is to make everyone skilled and employable, meeting industry demands through trained manpower.         </li> </ul>																				
	Rural Infrastructure & Environmental Sustainability	<p>Adani foundation designed and build various structure and provide service in the Health, Education, agriculture and sustainable livelihood area.</p> <p><b>WORK COMPLETED</b></p> <p>Below tabulated Water Conservation Projects completed during Compliance period:</p> <p><b>Water Conservation Projects:</b></p> <p><b>Swajal Project:</b></p> <ul style="list-style-type: none"> <li> <b>Aim:</b> The Foundation's Water Conservation program, SWAJAL, is aimed at addressing the alarming depletion of groundwater levels and reduction in water sources in various parts of Kutch district.         </li> <li> <b>Water Security Plan:</b> Due to arid climatic characters of the Kutch region, it is essential to plan for water security drinking and livelihood purposes. Considering weather condition, rainfall characters, geohydrological condition and water demand, water security plan has been prepared for the Seven villages.         </li> </ul> <table border="1" data-bbox="815 1576 1433 1859"> <thead> <tr> <th>Block Name</th> <th>Water conservation structure</th> <th>Total no. of Structure</th> <th>Total Capacity Created (CUM)</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Mundra</td> <td>Check Dam</td> <td>23</td> <td>6,07,332.80</td> </tr> <tr> <td>Pond Deepening</td> <td>66</td> <td>1,89,121.08</td> </tr> <tr> <td>RRWHS</td> <td>275</td> <td>2750</td> </tr> <tr> <td>Recharge Borewell</td> <td>209</td> <td>-</td> </tr> <tr> <td>Percolation Well</td> <td>24</td> <td>-</td> </tr> </tbody> </table> <p><b>Soil Conservation:</b></p> <ul style="list-style-type: none"> <li> <b>1250 Farmers Awareness Sessions at Village Level:</b> Spreading awareness on natural farming benefits and address their concerns.         </li> <li> <b>7 exposure of Hands-On Training &amp; Exposures :</b> Arranged Workshop and training to emphasizing on real-world         </li> </ul>	Block Name	Water conservation structure	Total no. of Structure	Total Capacity Created (CUM)	Mundra	Check Dam	23	6,07,332.80	Pond Deepening	66	1,89,121.08	RRWHS	275	2750	Recharge Borewell	209	-	Percolation Well	24	-
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**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024																					
			<p>techniques.</p> <ul style="list-style-type: none"> <li>• <b>857 Farmers link with Government Scheme:</b> facilitation of govt. Cow Nurturing scheme to promote eco- friendly farming practices.</li> <li>• <b>258 Gobardhan Bio-gas Support:</b> Link with Gov Gobar Dhan Biogas Unit Nutrient-rich slurry serves as an essential organic fertilizer for natural farming.</li> <li>• <b>35 Farmers Natural Farming Certification</b> Process to obtain natural farming certification through the GOPCA for the 35 Farmers who are Members of Raj shakti Sahakrai Mandali.</li> <li>• <b>Rs.9.88 Lacs RG Marketing Assistance:</b> Provide platforms and resources ensuring fair prices and broader consumer reach.</li> </ul> <p><b>Earlier Completed Activities/Projects:</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Project</th> <th>Unit</th> <th>Outcome</th> <th>Impact</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Check dam Restrengthening-Nana Kapaya</td> <td>1</td> <td>Water Storage Capacity increased by 48000 Cum</td> <td>60 + farmer's 120+Acre Area of Agri land can be Irrigated</td> </tr> <tr> <td>2</td> <td>Recharge Borewell</td> <td>21</td> <td>Reduce Salinity ingress, and preventing water run</td> <td>150+ farmer's 260+ Acre Area of Agri land for Irrigated</td> </tr> <tr> <td>3</td> <td>Pipe Culvert at Checkdamat Bhujpur</td> <td>1</td> <td>prevent water runoff into seaside.</td> <td>35 farmers' 120+Acre Area of Agri land can be Irrigated</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 check dams.</li> <li>• Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam Suflam Jal Abhiyan were built leading to a significant increase in water table and higher returns to the farmers.</li> <li>• New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx Deepening Capacity is 12000 Cum.</li> <li>• Roof Top Rainwater Harvesting 145 Nos. (40 Nos. current FY 2022-23) which is having 10,000 litre storage which is sufficient for one year drinking water purpose for 5 people family.</li> <li>• Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil.</li> <li>• Drip Irrigation approx. 1505 Farmers benefitted in coordination with Gujrat Green Revolution Company till date.</li> <li>• Bund construction on way of Nagmati River could save more than 575 MCFT water quantity which recharged in ground due to which borewell depth decreased by 50-100 Ft in Zarpara, Bhujpur and Navinal Vadi Vistar.</li> <li>• Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.</li> </ul>	Sr. No.	Project	Unit	Outcome	Impact	1	Check dam Restrengthening-Nana Kapaya	1	Water Storage Capacity increased by 48000 Cum	60 + farmer's 120+Acre Area of Agri land can be Irrigated	2	Recharge Borewell	21	Reduce Salinity ingress, and preventing water run	150+ farmer's 260+ Acre Area of Agri land for Irrigated	3	Pipe Culvert at Checkdamat Bhujpur	1	prevent water runoff into seaside.	35 farmers' 120+Acre Area of Agri land can be Irrigated
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**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
		<ul style="list-style-type: none"> <li>• Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.</li> <li>• 377 - AC Roof sheet support to Fisherfolk Vasaha 1700+ Benefited.</li> <li>• 2 Development of Common Gathering flooring work – 4000+ Benefited.</li> <li>• 195 Stall – Vegetable market– 900+ Benefited.</li> <li>• Solar Panel System at Mundra – 600+ Benefited.</li> <li>• Maintenance, Fencing &amp; Material Support - 30+ Benefited.</li> <li>• Renovation of Shed at Shekranpir Bhopavandh - 2000+ Benefited.</li> <li>• 40 RRWHS structure have been completed.</li> <li>• Total 229 nos. Bore-well recharging activity is completed Percolation well Recharging work at Bhadiya &amp; Mota Kandgra village.</li> <li>• Sluice gate Construction to Control Flood during Flooding at Khoydivadi Vistar Bhujpur.</li> <li>• Pond Beatification and Bund Strengthening at Bhujpur village.</li> <li>• Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.</li> <li>• commissioning of Community Training Centre at Shekhadiya.</li> <li>• Two Pond Deepening at Zarpara under Amrut Sarovar Yojna.</li> <li>• Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam Suflam Jal Abhiyan.</li> <li>• Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.</li> <li>• JCB &amp; Hitachi Machine Support for Pre-Monsoon activities. Repairing and Maintenance work of Approach at Luni, Bavdi and Navinal Fishermen Bandar.</li> <li>• 3 Re-strengthening of Approach Road.</li> <li>• Renovate Blood storage Lab CHC Mundra Renovation Blood storage Lab CHC Mundra.</li> <li>• Constructed 2 nos. of CC Road of 700 mtr.</li> <li>• Constructed Community Training center Shekadiya.</li> <li>• Constructed 2 nos. Disable Widow Toilet Block</li> <li>• Installed R.O. Plant at Mokha with capacity 1000ltr /HR.</li> <li>• Constructed 4 nos. Common gathering Open Shed</li> <li>• Constructed 03 nos. of Water Tank at Luni Bandar.</li> <li>• Developed of Cricket Ground at Hatdi Village</li> </ul> <p><b>ENVIRONMENT SUSTAINABILITY PROJECTS till Compliance period:</b></p> <ul style="list-style-type: none"> <li>• <b>Dates Tree -Restoration:</b> Biparjoy cyclone has damaged huge number plants of Dates, Mango, Sapota. In coordination with Kutch Crop Services and Krishi Vigyan Kendra – more than 615 plants are restored till date and continue.</li> <li>• <b>Miyawaki Forest Development, Nana Kapaya</b> - Native species planation in the 2 acre area at Nana Kapaya village creating a flourishing mini-forest with 5,508 trees.</li> </ul>

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
		<ul style="list-style-type: none"> <li>• <b>"Adani Van"</b>: Barren spaces were transformed into lush green havens through our massive public plantation drives. One notable example is the Bhupur Visri Mata Temple, where 23,000 trees were planted. Second example Momai Mata temple, Desalpar 10,000 trees were planted. Third Example Matiyadada at Bhujpur 8000 trees were planted. Fourth example Rasha pir, Dhruv 2-acre 5000 tree planted. Thus, in PPP Model 4 Adani Van were developed where 46,000 trees were planted.</li> <li>• <b>Prakruti Rath</b>: This initiative goes beyond just planting trees; it is about fostering a sense of responsibility towards our environment. Through 46,750 sapling distribution to individuals, we have empowered communities to take ownership of their surroundings, leading to a heightened consciousness about the environment's significance.</li> <li>• Till the date Total 1.49 Lac tree plantation have been done that has enriched the local ecosystem and significantly contributed to carbon sequestration</li> <li>• <b>Smruti Van</b> – Plantation more than 47,000 sapling with more than 115 species through Miyawaki methodology.</li> <li>• <b>Ecosystem Restoration, Guneri</b> – Grassland ecosystem restoration and mangrove conservation in 40 Ha area over a period of 4 years. The site visit and soil samplings conducted by GES team. Regular bi monthly meeting conducted to assess the annual phase wise growth of ongoing activities.</li> <li>• <b>Multi-Species Mangrove Park</b> - Adani Foundation at Mundra's initiated multi-species plantation of mangroves in Kutch association with GUIDE. During 2018-2019 (Phase-I) multi-species mangrove plantation was carried out in 10 ha, during Phase-II (2019-2020) it was 02 ha and during Phase III (2020-2021) it is 01 ha. During FY 2021-22, 03 ha area coastal stretches have been planted with species. During current FY 2022-23, 04 Hecter plantation has been planted with various species. Total 20 Ha. multi-species mangrove plantation has been carried out till March-23 association with M/s. GUIDE,</li> <li>• Mangroves Biodiversity Park within one year</li> <li>• <b>Home biogas</b> - Under Gram Utthan Project, Adani Foundation is supporting home biogas to farmers to Uthhan Villages phase wise. Total 583 farmers are supported with Biogas as sustainable environment protection</li> </ul> <p>Skill Development</p> <p>Over the previous few years, Adani Skill Development Center has assessed various aspects of the technical, leadership and soft skills gaps that organizations, in general, face and accordingly focuses on imparting required training in those areas in partnership with various colleges and institutes.</p> <p><b>ASDC Mundra Center Activities &amp; Achievements:</b></p> <ul style="list-style-type: none"> <li>• <b>Women Empowerment through Skill Training:</b> Provided Mud work training to 180 women in Mundra taluka villages supported by MPL.</li> <li>• <b>RTG Crane Operator Training:</b> Collaborated with APSEZ HR Team to train 79 students.</li> <li>• <b>Dori Work and Hand Embroidery Training:</b> Benefited 90 women in various Mundra villages supported by MPL.</li> <li>• <b>Health Awareness and Career Sessions:</b> 108 Ambulance Department enlightened GDA trainees at Adani Institute of Medical Sciences. Guest session on career advancement</li> </ul>

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
		<p>led by Mr. Kapil Goswami.</p> <ul style="list-style-type: none"> <li>• <b>Exposure Visit for Women:</b> Women trained in Mud Work, Dori Work, and Hand Embroidery showcased their skills during a visit by foreign delegates to the Solar Plant.</li> <li>• <b>Women's Related Training Seminar:</b> Held at Matrurvandana College, Bidada, Mandvi.</li> </ul> <p><b>ASDC Bhuj Center Activities &amp; Achievements:</b></p> <ul style="list-style-type: none"> <li>• <b>Commendation from Shree Jeet Adani:</b> Received appreciation for supporting the Divyang job fair.</li> <li>• <b>Employee Development Initiatives:</b> Conducted Advanced Excel training for 18 Sumitomo India Ltd employees</li> <li>• <b>Entrepreneurship Development Program:</b> Organized a comprehensive 12- day program with 60 diverse candidates.</li> <li>• <b>New Trainee Orientation:</b> Conducted sessions about SAKSHAM center and LMS registration at the Bhuj Centre.</li> <li>• <b>Civil Defense Training (5 days):</b> Covered essential topics including Disaster Management, First Aid, 181 Mahila Helpline, 108 Emergency Services, and Fire Safety.</li> <li>• <b>F&amp;B &amp; Housekeeping Batch Inauguration:</b> 92 students trained to enhance employability.</li> <li>• <b>Indo-Euro Project Seminar:</b> Arranged at various Nursing Colleges in Kutch District. Focused on German Language training and job placements.</li> <li>• <b>Crucial Meeting with ISAR &amp; UNICEF:</b> Discussed future skill development challenges and transgender equality on 9th December 2023.</li> </ul> <p>Total 734 nos. in ASDC Mundra Center and 405 nos. in ASDC Bhuj Center male &amp; female trained in various skill development programme.</p> <p>Please refer <b>Annexure – 16</b> for full details of CSR activities carried out by Adani Foundation in the Mundra region. Budget for CSR Activity for the FY 2023-24 is to the tune of INR 953.50 lakh. Out of which, Approx. INR 940.52 lakhs are spent in FY 2023-24.</p> <p>Till Mar'24, Adani Foundation has done total expenditure of INR 172.76 Cr. for CSR activities in Kutch region since its inception.</p>
64	The MUPL shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.	Point noted.
65	No further expansion or modifications in the plant shall be carried out without prior approval of	Point noted.  Considering existing scenario, at present CETP having 2.5 MLD capacity only installed against total granted capacity of 17.0 MLD.

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	<p>the MoEF/ SEIAA, as the case may be. In case of deviations or alterations in the project proposal from those submitted to MoEF/ SEIAA/ SEAC for clearance, a fresh reference shall be made to the SEIAA/ SEAC to assess the adequacy of imposed and to add additional environmental protection measures required, if any.</p>	<p>Capacity of the same will be expanded on later stage as per requirement with requisite permissions from the competent authorities.</p> <p>No expansion or modifications in the plant has been carried out during this compliance period.</p>
66	<p>The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.</p>	<p>Complied.</p> <p>Please refer point no. 62 for details regarding the same.</p>
67	<p>The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and the copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be</p>	<p>Already complied.</p> <p>Copy of advertisement given in newspaper was submitted as a part of compliance report for the duration of Apr'17 to Sep'17.</p>

**Status of the conditions stipulated in Environment Clearance**

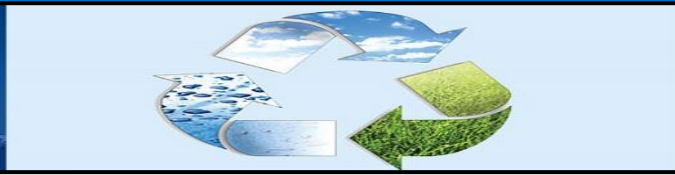
Sr. No.	Conditions	Compliance Status as on 31-03-2024																					
	forwarded to the concerned Regional Office of the Ministry.																						
68	It shall be mandatory for the project management to submit half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	<p>Complied.</p> <p>Compliance report of EC conditions is uploaded regularly. Last compliance report including results of monitoring data for the period of Apr'23 to Sept'23 was submitted to Integrated Regional Office (IRO), MoEF&amp;CC @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar &amp; Gandhidham and SEIAA, Gandhinagar vide our letter dated 28.11.2023. Copy of the same is also available on our web site <a href="https://www.adaniports.com/ports-downloads">https://www.adaniports.com/ports-downloads</a>. A soft copy of the same was also submitted through e-mail on 29.11.2023 to all the concern authorities. Please refer below for the details regarding past six compliance submissions.</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Compliance period</th> <th>Date of submission</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Oct'20 to Mar'21</td> <td>25.05.2021</td> </tr> <tr> <td>2</td> <td>Apr'21 to Sep'21</td> <td>30.11.2021</td> </tr> <tr> <td>3</td> <td>Oct'21 to Mar'22</td> <td>30.05.2022</td> </tr> <tr> <td>4</td> <td>Apr'22 to Sep'22</td> <td>30.11.2022</td> </tr> <tr> <td>5</td> <td>Oct'22 to Mar'23</td> <td>30.05.2023</td> </tr> <tr> <td>6</td> <td>Apr'23 to Sep'23</td> <td>29.11.2023</td> </tr> </tbody> </table>	Sr. No.	Compliance period	Date of submission	1	Oct'20 to Mar'21	25.05.2021	2	Apr'21 to Sep'21	30.11.2021	3	Oct'21 to Mar'22	30.05.2022	4	Apr'22 to Sep'22	30.11.2022	5	Oct'22 to Mar'23	30.05.2023	6	Apr'23 to Sep'23	29.11.2023
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69	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<p>Complied.</p> <p>The stipulated norms made by GPCB are followed. All required data regarding to water, hazardous waste emission load and energy consumption are submitted to GPCB by Patrak submission on monthly basis.</p>																					
70	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of project.	Already complied.																					
71	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Point noted.																					
72	The company in a time bound manner shall	Point noted.																					

**Status of the conditions stipulated in Environment Clearance**

Sr. No.	Conditions	Compliance Status as on 31-03-2024
	<p>implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, interalia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention &amp; Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Act, 1991 along with their amendments and rules.</p>	
73	<p>This environmental clearance is valid for five years from the date of issue.</p>	<p>Point noted.</p>



# **Annexure – 1**



# “Half Yearly Environmental Monitoring Reports “



## **M/S. MPSEZ Utilities Ltd. (MUL)**

Survey No. 141, Village - Mundra, APSEZ, Tal: Mundra, Dist.: Kutch – 370 421

**Monitoring Period: October – 2023 to March - 2024**

**Submitted By**



## **UniStar Environment & Research Labs Pvt. Ltd.**

White House, Near GIDC Office, Char Rasta, Vapi, Gujarat, India – 396195



### RESULTS OF CETP INLET WATER

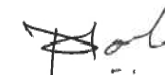
SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24		
			10-10-2023	22-11-2023	26-12-2023	23-01-2024	02-02-2024	04-03-2024		
1.	pH @ 27 ° C	--	7.95	7.48	7.44	7.83	7.74	7.52	6.5 to 8.5	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B
2.	Temperature	°C	30.5	30	29.5	29	29.5	30	--	IS 3025(Part 9)1984
3.	Colour	Pt. Co. Scale	70	80	70	70	80	70	100	IS 3025(Part 4)
4.	Total Suspended Solids	mg/L	50	44	46	48	44	42	800	APHA 23 <sup>rd</sup> Ed.,2017,2540 –D
5.	Oil & Grease	mg/L	6.5	6	5.8	5.5	5.2	5.3	20	IS 3025(Part39)1991, Amd. 2
6.	Phenolic Compounds	mg/L	0.74	0.77	0.68	0.67	0.71	0.84	2	IS 3025(Part 43)1992, Amd.2
7.	Fluoride	mg/L	0.94	0.88	0.86	0.92	0.94	1.06	2	APHA 23 <sup>rd</sup> Ed.,2017,4500 F, D
8.	Iron as Fe	mg/L	0.274	0.281	0.288	0.292	0.284	0.242	3	IS 3025(Part 53)2003,
9.	Zinc as Zn	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	0.131	BDL(MDL:0.05)	0.122	0.111	15	IS 3025(Part 49)1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	By Calculation
11.	Sulphide	mg/L	BDL(MDL:0.05)	1.12	1.2	BDL(MDL:0.05)	1.25	1.16	2	APHA 23 <sup>rd</sup> Ed.,2017,4500-H <sup>+</sup> B

Continue...

SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24		
			10-10-2023	22-11-2023	26-12-2023	23-01-2024	02-02-2024	04-03-2024		
12.	Ammonical Nitrogen	mg/L	32.2	27.1	26.9	33.5	30.1	30.2	50	IS 3025(Part 9)1984
13.	BOD (3 days at 27 °C)	mg/L	78	79	80	81	79	82	1000	IS 3025(Part 4)
14.	COD	mg/L	280	283.4	288	292	284.4	290	2000	APHA 23 <sup>rd</sup> Ed.,2017,2540 –D
15.	Chloride (as Cl <sup>-</sup> )	mg/L	718.8	824.4	744.2	838.9	810.5	842.2	1000	IS 3025(Part39)1991, Amd. 2
16.	Sulphate (as SO <sub>4</sub> )	mg/L	67.1	70.4	71.2	66	66.6	62	1000	IS 3025(Part 43)1992, Amd.2
17.	Total Dissolved Solids	mg/L	1580	1780	1790	1580	1620	1620	2100	APHA 23 <sup>rd</sup> Ed.,2017,4500 F, D
18.	Total Residual Chlorine	mg/L	0.74	0.89	0.91	0.92	0.81	0.78	2	IS 3025(Part 53)2003,
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 49)1994



**Mr. Nilesh Patel**  
Sr. Chemist

**Mr. Nitin Tandel**  
Technical Manager

### RESULTS OF CETP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	CETP OUTLET						GPCB Permissible Limit CETP Outlet	TEST METHOD
			Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24		
			10-10-2023	22-11-2023	26-12-2023	23-01-2024	02-02-2024	04-03-2024		
1.	pH @ 27 °C	--	7.89	7.44	7.52	7.8	7.52	7.46	6.0 – 9.0	APHA 23 <sup>rd</sup> Ed.,2017,4500-H+B
2.	Temperature	°C	30.5	30	29.5	29	29.5	30	Shall not exceed more than 5 °C above received water temperature	IS 3025(Part 9)1984
3.	Colour	Pt. Co. Scale	50	50	50	50	45	50	100	IS 3025(Part 4)
4.	Total SuspeNOT DETECTED Solids	mg/L	16	14	14	16	16	14	100	APHA 23 <sup>rd</sup> Ed.,2017,2540 –D
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	10	IS 3025 (Part39)1991, Amd. 2
6.	Phenolic CompouNOT DETECTED	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	1	IS 3025(Part 43)1992, Amd.2
7.	Fluoride	mg/L	0.88	0.78	0.82	0.89	0.79	0.88	2	APHA 23 <sup>rd</sup> Ed.,2017,4500F, D
8.	Iron as Fe	mg/L	0.155	0.16	0.174	0.154	0.16	0.154	3	IS 3025(Part 53)2003,
9.	Zinc as Zn	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	15	IS 3025(Part 49)1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	By Calculation

Continue...

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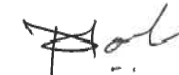
ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 Certified Company

SR.NO.	TEST PARAMETERS	UNI T	CETP OUTLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24		
			10-10-2023	22-11-2023	26-12-2023	23-01-2024	02-02-2024	04-03-2024		
11.	Sulphide	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	APHA 23 <sup>rd</sup> Ed.,2017,4500-H+B
12.	Ammonical Nitrogen	mg/L	17.2	18.4	18.5	19.2	17.6	19.2	50	IS 3025(Part 9)1984
13.	BOD (3 days at 27 °C)	mg/L	32	34	37	33	32	34	100	IS 3025(Part 4)
14.	COD	mg/L	110	116	134.2	108.6	110.4	118.2	250	APHA 23 <sup>rd</sup> Ed.,2017,2540 –D
15.	Chloride (as Cl) <sup>-</sup>	mg/L	709.6	785.9	774.2	766.5	710.4	730.4	1000	IS 3025(Part39)1991, Amd. 2
16.	Sulphate (as SO <sub>4</sub> )	mg/L	66	66.8	67.2	68	62.4	59.4	1000	IS 3025(Part 43)1992, Amd.2
17.	Total Dissolved Solids	mg/L	1560	1598	1600	1574	1654	1612	2100	APHA 23 <sup>rd</sup> Ed.,2017,4500F, D
18.	Total Residual Chlorine	mg/L	0.72	0.84	0.78	0.84	0.88	0.72	1	IS 3025(Part 53)2003,
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 49)1994
20.	Bio Assay test (%)	%	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	IS:6582-1971



Mr. Nilesh Patel  
Sr. Chemist

Mr. Nitin Tandel  
Technical Manager

### Results of Ambient Air Quality Monitoring

Name of Location		WTP- Nr. CETP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	
1.	02-10-2023	80.18	34.63	18.42	23.15	NOT DETECTED	6.84	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	
2.	05-10-2023	84.64	36.47	19.38	25.31	--	--	--	--	--	--	--	--	
3.	09-10-2023	73.47	39.81	20.64	26.50	--	--	--	--	--	--	--	--	
4.	12-10-2023	78.85	40.15	20.76	26.10	--	--	--	--	--	--	--	--	
5.	16-10-2023	82.96	38.27	21.27	26.42	--	--	--	--	--	--	--	--	
6.	19-10-2023	84.29	35.82	17.49	22.32	--	--	--	--	--	--	--	--	
7.	23-10-2023	71.15	38.94	20.38	25.84	--	--	--	--	--	--	--	--	
8.	26-10-2023	70.12	37.31	18.42	22.94	--	--	--	--	--	--	--	--	
9.	30-10-2023	74.27	34.64	17.58	22.56	--	--	--	--	--	--	--	--	
10.	02-11-2023	75.36	37.65	19.84	24.15	--	--	--	--	--	--	--	--	
11.	06-11-2023	72.59	34.12	17.86	22.36	--	--	--	--	--	--	--	--	
12.	09-11-2023	74.85	35.63	18.95	23.71	--	--	--	--	--	--	--	--	
13.	13-11-2023	76.44	37.84	19.67	25.13	--	--	--	--	--	--	--	--	
14.	16-11-2023	79.30	38.63	18.57	22.98	--	--	--	--	--	--	--	--	
15.	20-11-2023	82.63	39.27	19.48	24.58	--	--	--	--	--	--	--	--	

Continue...

Name of Location		WTP- Nr. CETP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	
16.	23-11-2023	80.47	37.88	17.91	21.86	--	--	--	--	--	--	--	--	
17.	27-11-2023	69.36	33.14	18.98	23.61	--	--	--	--	--	--	--	--	
18.	30-11-2023	72.14	35.35	17.58	22.12	--	--	--	--	--	--	--	--	
19.	04-12-2023	71.52	34.26	16.72	21.31	--	--	--	--	--	--	--	--	
20.	07-12-2023	73.64	36.12	17.97	22.41	--	--	--	--	--	--	--	--	
21.	11-12-2023	70.59	31.96	15.78	20.63	--	--	--	--	--	--	--	--	
22.	14-12-2023	72.86	33.48	16.12	21.79	--	--	--	--	--	--	--	--	
23.	18-12-2023	75.13	35.60	17.46	23.42	--	--	--	--	--	--	--	--	
24.	21-12-2023	74.36	35.11	16.74	20.86	--	--	--	--	--	--	--	--	
25.	25-12-2023	77.62	36.43	17.13	22.91	--	--	--	--	--	--	--	--	
26.	28-12-2023	79.15	37.32	17.86	24.15	--	--	--	--	--	--	--	--	
27.	01-01-2024	75.38	33.67	16.11	22.36	NOT DETECTED	9.13	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	
28.	04-01-2024	79.51	35.25	17.92	24.10	--	--	--	--	--	--	--	--	
29.	08-01-2024	77.46	34.18	16.37	21.87	--	--	--	--	--	--	--	--	
30.	11-01-2024	81.38	37.49	18.22	23.59	--	--	--	--	--	--	--	--	
31.	15-01-2024	83.62	39.21	19.00	25.03	--	--	--	--	--	--	--	--	

Continue...



Name of Location		WTP- Nr. CETP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>
32.	18-01-2024	77.62	36.15	17.24	22.91	--	--	--	--	--	--	--	--
33.	22-01-2024	79.62	37.53	18.86	24.21	--	--	--	--	--	--	--	--
34.	25-01-2024	75.41	35.03	16.47	22.54	--	--	--	--	--	--	--	--
35.	29-01-2024	78.55	37.14	18.52	23.98	--	--	--	--	--	--	--	--
36.	01-02-2024	80.51	36.79	17.43	21.87	--	--	--	--	--	--	--	--
37.	05-02-2024	83.11	36.88	18.04	22.95	--	--	--	--	--	--	--	--
38.	08-02-2024	78.59	34.62	16.97	21.24	--	--	--	--	--	--	--	--
39.	12-02-2024	75.67	32.31	15.46	19.73	--	--	--	--	--	--	--	--
40.	15-02-2024	80.31	35.76	17.39	22.14	--	--	--	--	--	--	--	--
41.	19-02-2024	77.84	33.92	16.12	21.19	--	--	--	--	--	--	--	--
42.	22-02-2024	72.35	32.47	15.62	19.88	--	--	--	--	--	--	--	--
43.	26-02-2024	69.92	31.05	14.99	19.27	--	--	--	--	--	--	--	--
44.	29-02-2024	75.71	33.89	15.92	20.85	--	--	--	--	--	--	--	--
45.	04-03-2024	77.47	35.12	16.38	20.84	--	--	--	--	--	--	--	--
46.	07-03-2024	80.73	36.21	17.53	22.15	--	--	--	--	--	--	--	--
47.	11-03-2024	71.16	32.53	14.93	18.65	--	--	--	--	--	--	--	--

Continue...

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ISO 45001 : 2018 Certified Company

Name of Location		WTP- Nr. CETP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>
48.	14-03-2024	78.43	35.82	16.27	20.48	--	--	--	--	--	--	--	--
49.	18-03-2024	75.28	33.62	16.88	19.43	--	--	--	--	--	--	--	--
50.	21-03-2024	69.82	30.58	15.47	18.91	--	--	--	--	--	--	--	--
51.	25-03-2024	72.92	33.65	14.78	19.63	--	--	--	--	--	--	--	--
52.	28-03-2024	75.87	31.64	16.25	21.42	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AIR/SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AIR/SOP/05	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12



**Nikunj D. Patel**  
(Chemist)




**Jaivik S. Tandel**  
(Manager - Operations)

### Results of Ambient Air Quality Monitoring

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	HC
1.	02-10-2023	70.63	26.81	18.52	24.36	0.10	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	--
2.	05-10-2023	75.28	28.64	17.93	22.57	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
3.	09-10-2023	78.42	27.39	18.46	24.72	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
4.	12-10-2023	80.51	31.26	19.32	26.23	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
5.	16-10-2023	72.79	29.74	18.11	23.58	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
6.	19-10-2023	76.31	30.85	20.13	25.61	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
7.	23-10-2023	70.83	31.69	20.36	24.91	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
8.	26-10-2023	78.42	28.71	17.83	22.67	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
9.	30-10-2023	75.15	26.47	18.65	23.61	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
10.	02-11-2023	72.56	27.43	17.89	23.41	0.11	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
11.	06-11-2023	70.16	25.96	16.29	22.15	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue...

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	HC
12.	09-11-2023	75.48	28.85	18.92	24.35	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
13.	13-11-2023	79.36	30.27	18.97	25.76	0.11	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
14.	16-11-2023	77.15	29.61	18.37	24.88	0.11	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
15.	20-11-2023	75.12	27.43	17.02	23.55	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
16.	23-11-2023	72.16	25.89	16.30	21.79	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
17.	27-11-2023	75.62	27.46	17.51	24.36	0.11	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
18.	30-11-2023	71.23	25.19	16.76	22.42	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
19.	04-12-2023	77.16	29.51	19.15	24.62	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
20.	07-12-2023	75.6	28.13	18.62	23.48	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
21.	11-12-2023	76.43	29.84	19.1	23.14	0.11	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
22.	14-12-2023	74.36	28.42	18.25	22.89	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue...

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	HC
23.	18-12-2023	71.52	25.48	17.43	22.36	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
24.	21-12-2023	73.64	26.85	17.59	23.06	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
25.	25-12-2023	77.31	28.47	19.36	25.87	0.11	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
26.	28-12-2023	74.89	26.48	18.35	24.71	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
27.	01-01-2024	73.68	26.78	17.61	23.83	ND	<5.0	11.21	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	--
28.	04-01-2024	81.26	28.58	20.46	25.62	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
29.	08-01-2024	78.54	27.46	18.42	23.52	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
30.	11-01-2024	80.56	31.57	20.51	26.18	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
31.	15-01-2024	74.19	29.89	17.52	23.72	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
32.	18-01-2024	76.44	31.02	18.91	24.13	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
33.	22-01-2024	73.69	31.55	17.86	23.73	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
34.	25-01-2024	80.17	28.84	20.16	25.31	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue...

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	HC
35.	29-01-2024	75.12	26.44	17.26	23.43	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
36.	01-02-2024	77.31	28.25	18.36	22.47	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
37.	05-02-2024	80.69	29.45	19.74	24.12	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
38.	08-02-2024	78.18	28.89	18.64	23.08	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
39.	12-02-2024	74.42	26.14	17.92	22.16	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
40.	15-02-2024	70.32	24.13	16.55	21.43	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
41.	19-02-2024	75.17	26.46	18.03	22.73	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
42.	22-02-2024	72.29	24.7	16.81	20.78	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
43.	26-02-2024	78.77	27.42	18.13	23.61	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
44.	29-02-2024	73.12	25.82	17.53	22.19	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
45.	04-03-2024	75.83	26.37	16.82	21.25	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
46.	07-03-2024	72.83	24.85	16.10	20.53	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue...

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QCI-NABET Accredited EIA & GW Consultant Organization

GPCB Recognized Environmental Auditor (Schedule-II)

ISO 9001 : 2015 Certified Company

ISO 45001 : 2018 Certified Company

Name of Location		AIR STRIP												
Sr. No	Date of Monitoring	Parameter with Results												
		PM <sub>10</sub> µg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	CO mg/m <sup>3</sup>	NH <sub>3</sub> µg/m <sup>3</sup>	Ozone µg/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	B(a)P ng/m <sup>3</sup>	HC
47.	11-03-2024	76.92	26.65	17.31	22.68	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
48.	14-03-2024	81.54	28.37	15.86	20.41	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
49.	18-03-2024	78.54	26.71	16.43	22.56	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
50.	21-03-2024	80.73	28.94	17.25	21.86	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
51.	25-03-2024	75.49	27.24	15.91	20.17	0.10	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
52.	28-03-2024	79.74	29.61	16.38	22.63	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1	---
Test Method		IS - 5182, Part- 23	UERL/AIR /SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AIR /SOP/05	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12	Gas analyzer



**Nikunj D. Patel**  
(Chemist)




**Jaivik S. Tandel**  
(Manager - Operations)

### Results of Noise Level Monitoring

Location Name		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		07-10-2023	04-11-2023	09-12-2023	13-01-2024	10-02-2024	09-03-2024
1	06:00 to 07:00	59.4	63.6	60.9	61.5	63	63.4
2	07:00 to 08:00	60.4	66.8	62.3	63.7	62.3	61.9
3	08:00 to 09:00	67.1	58.9	65.8	64.3	63.9	63.9
4	09:00 to 10:00	65.8	62.4	64.3	63.8	65.2	64.7
5	10:00 to 11:00	68.6	67.8	65.7	64.9	63.6	63.6
6	11:00 to 12:00	65.2	69.5	68.3	67.4	66.8	65.8
7	12:00 to 13:00	67.1	68.1	66.3	65.9	66.2	66.2
8	13:00 to 14:00	65.3	65.5	68.9	67.3	64.5	63.8
9	14:00 to 15:00	68.3	62.3	64.5	64.2	67.3	65.8
10	15:00 to 16:00	67.3	66.9	67.8	66.8	65.1	66.8
11	16:00 to 17:00	65.1	67.4	64.2	64.2	66.3	66.3
12	17:00 to 18:00	64.3	60.5	61.3	61.3	64.1	65.1
13	18:00 to 19:00	65.8	61.8	64.5	64.5	65.3	63.7
14	19:00 to 20:00	60.4	60.2	62.8	63	62.1	64.8
15	20:00 to 21:00	63.7	59.3	58.7	58.7	57.9	57.5
16	21:00 to 22:00	61.3	57.7	58.1	59.6	60.2	59.8
<b>Day Time</b>		<b>&lt;75 dB (A)</b>					

Continue...



Location Name		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		07-10-2023	04-11-2023	09-12-2023	13-01-2024	10-02-2024	09-03-2024
1	22:00 to 23:00	60.5	58.6	59.6	59.2	57.7	58.2
2	23:00 to 24:00	58.6	60.2	63.5	62.3	60.3	59.5
3	24:00 to 01:00	56.2	57.6	62.8	64.7	63.5	61.4
4	01:00 to 02:00	60.7	58.2	63.4	61.2	60.8	63.5
5	02:00 to 03:00	58.4	55.5	61.8	61.8	62.7	63.8
6	03:00 to 04:00	60.3	57.8	59.6	60.6	59.6	62.3
7	04:00 to 05:00	56.4	61.2	60.7	61.2	58.9	60.7
8	05:00 to 06:00	57.1	58.9	59.1	60.3	58.7	59.1
<b>Night Time</b>		<b>&lt;70 dB (A)</b>					

<b>Test Method</b>	<b>IS: 9989 : 1981</b>
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**Nikunj D. Patel**  
(Chemist)




**Jaivik S. Tandel**  
(Manager - Operations)

### Results of Noise Level Monitoring

Location Name		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		28-10-2023	25-11-2023	23-12-2023	27-01-2024	21-02-2024	23-03-2024
1	06:00 to 07:00	61.3	62.7	61.3	61.5	63.1	61.7
2	07:00 to 08:00	63.7	68.5	66.7	65.7	66.3	63.8
3	08:00 to 09:00	65.8	65.5	64.2	64.2	62.5	62.5
4	09:00 to 10:00	61.4	63.3	66.9	66.9	65.8	65.4
5	10:00 to 11:00	63.7	66.8	64.8	64.8	63.2	64.1
6	11:00 to 12:00	65.1	62.8	67.4	64.6	65.6	65.3
7	12:00 to 13:00	67.4	68.2	63.5	66.8	67.1	66.5
8	13:00 to 14:00	68.0	65.6	65.6	65.6	64.3	65.7
9	14:00 to 15:00	63.7	64.2	64.2	65.1	66.9	66.8
10	15:00 to 16:00	62.7	67.8	68.1	68.3	67.3	67.1
11	16:00 to 17:00	65.1	63.6	66.3	66.3	64.2	64.2
12	17:00 to 18:00	63.2	67.2	63.1	63.1	64.5	65.3
13	18:00 to 19:00	61.3	68.7	61.9	61.5	63.7	62.8
14	19:00 to 20:00	58.9	66.7	64.8	63.7	64.6	64.6
15	20:00 to 21:00	60.4	63.5	62.7	63.6	64.8	62.4
16	21:00 to 22:00	61.2	60.9	61.2	61.5	60.2	61.7
<b>Day Time</b>		<b>&lt;75 dB (A)</b>					

Continue...

Location Name		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		28-10-2023	25-11-2023	23-12-2023	27-01-2024	21-02-2024	23-03-2024
1	22:00 to 23:00	57.1	60.3	62.3	62.3	60.2	62.1
2	23:00 to 24:00	54.8	58.7	64.3	64.8	62.4	61.8
3	24:00 to 01:00	58.7	63.5	62.8	64.5	63.5	63.8
4	01:00 to 02:00	56.2	60.7	61.7	63.6	63.8	63.1
5	02:00 to 03:00	59.3	58.6	60.4	62.1	61.4	61.4
6	03:00 to 04:00	61.3	61.3	58.9	59.7	60.3	62.7
7	04:00 to 05:00	58.3	59.6	60.1	61.3	59.2	59.2
8	05:00 to 06:00	60.2	61.8	58.5	58.9	57.5	58.2
<b>Day Time</b>		<b>&lt;70 dB (A)</b>					

<b>Test Method</b>	<b>IS: 9989 : 1981</b>
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**Nikunj D. Patel**  
(Chemist)




**Jaivik S. Tandel**  
(Manager - Operations)

### Results of Stack Monitoring

Sr. No.	Parameter	Unit	Mar-2024	GPCB LIMIT	Method of Test
			D.G.Set No. S-1 (380 KVA )		
			08-03-2024		
1	Particulate Matter	mg/Nm <sup>3</sup>	21.85	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	7.80	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO <sub>x</sub>	ppm	30.42	50	IS 11255 (Part - 7)
4	Carbon Monoxide	mg/Nm <sup>3</sup>	1.8	--	UERL/AIR/SOP/18
5	Non Methyl Hydro Carbon	ppm	Not Detected	--	UERL/AIR/SOP/27



**Nikunj D. Patel**  
(Chemist)



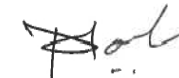

**Jaivik S. Tandel**  
(Manager - Operations)

### RESULTS OF BOREHOLE WATER SAMPLE

Sr. No	Parameters	Method	Unit	12-02-2024
				Nr. CETP
1	pH @ 25 ° C	IS 3025(Part 11)1983	--	8.18
2	Salinity	APHA 23rd Ed.,2017,2520 B	ppt	1.77
3	Oil & Grease	IS 3025(Part39)1991, Amd. 2	mg/L	BDL(MDL:5.0)
4	Hydrocarbon	GC/GCMS	mg/L	Not Detected
5	Lead as Pb	IS 3025 (PART 47) 1994	mg/L	BDL(MDL:0.01)
6	Arsenic as As	APHA 23rd Ed.,2017,3114-C	mg/L	BDL(MDL:0.01)
7	Nickel as Ni	IS 3025 (PART 54) 2003	mg/L	BDL(MDL:0.02)
8	Total Chromium as Cr	IS 3025 (PART 52) 2003	mg/L	BDL(MDL:0.05)
9	Cadmium as Cd	IS 3025(PART 41) 1992	mg/L	0.036
10	Mercury as Hg	APHA 23rd Ed.,2017, 3112-B	mg/L	BDL(MDL:0.001)
11	Zinc as Zn	IS 3025(PART 49) 1994	mg/L	BDL(MDL:0.05)
12	Copper as Cu	IS 3025 (PART 42) 1992	mg/L	BDL(MDL:0.05)
13	Iron as Fe	IS 3025(PART 53) 2003	mg/L	0.322
14	Insecticides/Pesticides	USEPA 8081 B	µg/L	Absent
15	Depth of Water Level from Ground Level	--	meter	2.1



Mr. Nilesh Patel  
Sr. Chemist

Mr. Nitin Tandel  
Technical Manager

### RESULTS OF SOIL SAMPLE

SR. NO.	TEST PARAMETERS	UNIT	12-02-2024
			Near CETP
1	pH	--	9.08
2	Nitrogen as N	%	0.46
3	Phosphorus as P	mg/kg	5114.2
4	Potassium as K	mg/kg	152.3
5	Baron as B	mg/kg	3.05
6	Calcium as Ca	mg/kg	412.3
7	Magnesium as Mg	mg/kg	66.4
8	Iron as Fe	%	1.02
9	Moisture	%	1.84
10	Organic Matter	%	1.56
11	Cation exchange capacity (CEC)	meq/100gm	10.11
12	TVC	CFU/gm	2.2 x 10 <sup>6</sup>
13	Cadmium as Cd	mg/kg	BDL(MDL:1.0)
14	Thorium as Th	mg/kg	BDL(MDL:1.0)
15	Antimony as Sb	mg/kg	BDL(MDL:1.0)
16	Arsenic as As	mg/kg	BDL(MDL:1.0)

Continue...

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ISO 45001 : 2018 Certified Company

17	Lead as Pb	mg/kg	7.38
18	Chromium as Cr	mg/kg	4.34
19	Cobalt as Co	mg/kg	9.94
20	Copper as Cu	mg/kg	16.2
21	Nickel as Ni	mg/kg	13.92
22	Manganese and Mn	mg/kg	182.24
23	Vanadium as V	mg/kg	8.33



**Mr. Nilesh Patel**  
Sr. Chemist




**Mr. Nitin Tandel**  
Technical Manager

### Minimum Detection Limit

#### Ambient Air Quality Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m <sup>3</sup>	5 µg/m <sup>3</sup>
2	Particulate Matter (PM2.5)	µg/m <sup>3</sup>	5 µg/m <sup>3</sup>
3	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	4 µg/m <sup>3</sup>
4	Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	5 µg/m <sup>3</sup>
5	Carbon Monoxide (CO)	mg/m <sup>3</sup>	0.01 mg/m <sup>3</sup>
6	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	5 µg/m <sup>3</sup>
7	Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	5 µg/m <sup>3</sup>
8	Lead (Pb)	µg/m <sup>3</sup>	0.5 µg/m <sup>3</sup>
9	Nickle (Ni)	ng/m <sup>3</sup>	1 ng/m <sup>3</sup>
10	Arsenic (As)	ng/m <sup>3</sup>	1 ng/m <sup>3</sup>
11	Benzene	µg/m <sup>3</sup>	1µg/m <sup>3</sup>
12	Benzo(o)Pyrene	ng/m <sup>3</sup>	0.1 ng/m <sup>3</sup>
13	Hydro Carbon	µg/m <sup>3</sup>	1 µg/m <sup>3</sup>

#### Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	SuspeNOT DETECTEDed particulate matter	mg/Nm <sup>3</sup>	2 mg/Nm <sup>3</sup>
2	Sulphur Dioxide SO <sub>X</sub>	mg/Nm <sup>3</sup>	4 mg/Nm <sup>3</sup>
3	Oxides of Nitrogen NO <sub>X</sub>	mg/Nm <sup>3</sup>	5 mg/Nm <sup>3</sup>



**CETP water**

Sr. No.	Test Parameter	Unit	MDL
1	pH @ 27 ° C	--	2
2	Temperature	OC	5
3	Colour	Pt. Co. Scale	5
4	Total SuspeNOT DETECTEDed Solids	mg/L	4
5	Oil & Grease	mg/L	2
6	Phenolic CompouNOT DETECTED	mg/L	0.1
7	Fluoride	mg/L	0.2
8	Iron as Fe	mg/L	0.1
9	Zinc as Zn	mg/L	0.05
10	Trivalent Chromium	mg/L	0.05
11	Sulphide	mg/L	0.05
12	Ammonical Nitrogen	mg/L	2
13	BOD (3 days at 27 OC)	mg/L	1
14	COD	mg/L	2
15	Chloride (as Cl) <sup>-</sup>	mg/L	1
16	Sulphate (as SO <sub>4</sub> )	mg/L	1
17	Total Dissolved Solids	mg/L	4
18	Total Residual Chlorine	mg/L	0.1
19	Copper as Cu	mg/L	0.05
20	Bio Assay test (%)	%	--

# **Annexure – 2**

APSEZL/EnvCell/2024-25/002

Date: 12.4.2024

To,

**The Member Secretary,**  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector 10- A,  
Gandhinagar – 382 010.

**Subject:** Submission of Monthly Analysis Reports (Third Party) of CETP operated by MPSEZ Utilities Limited for the month of **Mar 2024**.

Dear Sir,


With reference to the above stated subject, please find enclosed monthly analysis reports of inlet & outlet of CETP, Ambient Air Quality, Ambient Noise Quality, DG Stack emission and DG Noise analysis carried out by NABL / MoEF&CC recognized laboratory is attached as per **Annexure – I** for the month of **Mar 2024**.

The reports are submitted here-with in view of the EC granted by SEIAA, Gandhinagar vide their letter no. SEIAA/GUJ/EC/7(h)/43/2010 dated 20<sup>th</sup> Feb, 2010.

Kindly accept above submission and acknowledge the same.

Yours Faithfully,

For, MPSEZ Utilities Limited

  
12.4.2024.

Authorized Signatory

  
15/04/24  
Gujarat Pollution Control Board  
Head Office  
Sector No.-10-A,  
Gandhinagar-382010

MPSEZ Utilities Limited  
(Formerly MPSEZ Utilities Private Limited)  
Adani Corporate House, Shantigram,  
Nr. Vaishno Devi Circle, S. G. Highway,  
Khodiyar, Ahmedabad - 382421  
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CIN: U45209GJ2007PLC051323

Registered Office: Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad – 382421, Gujarat, India

# **Annexure – 3**

APSEZL/EnvCell/2024-25/001

Date: 12.4.2024

To,

**The Member Secretary,**  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector 10- A,  
Gandhinagar – 382 010.

**Subject:** Submission of Monthly Analysis Reports along with receiving quantity of Industrial effluent and domestic sewage of units and Mundra Village connected with CETP operated by MPSEZ Utilities Limited for the month of **Mar 2024**.

Dear Sir,

With reference to the above stated subject, please find enclosed monthly analysis reports along with receiving quantity of the Industrial effluent and domestic sewage received from following at CETP for the month of **Mar 2024**.

Sr. No.	Unit Name	Type of Effluent
1.	M/s. Dorf Ketal Chemicals India Pvt. Ltd.	Industrial Effluent
2.	M/s. Ahlstrom Munksjo Fibercomposites India Pvt. Ltd.	Industrial Effluent
3.	M/s. Skaps Industries India (Pvt.) Ltd. (Unit – I)	Domestic Sewage
4.	Mundra SEZ Integrated Textile Apparel Park Pvt. Ltd.	Domestic Sewage
5.	Mundra Village	Domestic Sewage

Kindly accept above submission and acknowledge the same.

Yours Faithfully,

For, MPSEZ Utilities Limited

Authorized Signatory

  
12.04.2024

  
12/04/2024

  
15/04/24  
Gujarat Pollution Control Board  
Head Office  
Sector No.-10-A,  
Gandhinagar-382010

MPSEZ Utilities Limited  
(Formerly MPSEZ Utilities Private Limited)  
Adani Corporate House, Shantigram,  
Nr. Vaishno Devi Circle, S. G. Highway,  
Khodiyar, Ahmedabad - 382421  
Gujarat, India

Tel +91 79 2555 5801  
Fax +91 79 2555 6490  
info@adani.com  
www.adani.com  
CIN: U45209GJ2007PLC051323

Registered Office: Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad – 382421, Gujarat, India

# **Annexure – 4**

### Details of Fresh Water Consumption (Oct – 23 to Mar – 24)

Month	Total water Consumption (KL)	Water consumption data in KL	
		Industrial	Domestic
Oct-2023	185	148	37
Nov-2023	276	221	55
Dec-2023	184	147	37
Jan-2024	117	94	23
Feb-2024	162	130	32
Mar-2024	110	88	22
<b>Total</b>	<b>1034</b>	<b>828</b>	<b>206</b>
<b>Avg. per Day</b>	<b>5.65</b>	<b>4.52</b>	<b>1.13</b>

### Details of Received Trade Effluent and Treated Water Discharge Quantity (Oct – 23 to Mar – 24)

Sr. No.	Month	Effluent & Sewage collected from member units + CETP in KL	Treated water Discharge in KL
1	Oct-2023	32347	27547
2	Nov-2023	29349	25956
3	Dec-2023	33414	28879
4	Jan-2024	30582	26408
5	Feb-2024	25517	22397
6	Mar-2024	23742	20964
<b>Total Quantity</b>		<b>174951</b>	<b>152151</b>
<b>Avg. Quantity per Day</b>		<b>956.02</b>	<b>831.43</b>

# **Annexure – 5**





**ANALYSIS REPORT FOR  
WATER / WASTE WATER SAMPLE**

**Gujarat Pollution Control Board, Kutch West  
Katira Commercial Complex-1, First Floor  
Near Income Tax office, Manglam Char rasta ,Sanskar  
nagar,  
BHUJ - 370 001**

Sample ID:419633 - Analysis Completion:19/03/2024

**Common treatment and disposal facilities(CETP, TSDF, Ewaste recycling, CBMWTF, effluent conveyance project, incinerator, solvent/acid recovery plant, MSW sanitary landfill site) / LAB Inward :  
8475**

**TEST REPORT**

**Test Report No. : 8475**

**Date: 21/03/2024**

- |   |  |
|---|--|
| <b>1. Name of the Customer</b>                          | <b>: MPSEZ Utilities Ltd. (MUL) - 10605</b>  |
| <b>2. Address</b>                                       | <b>: SURVEY NO. 141 (PART),SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. 1 MUNDRA</b> |
| <b>3. Nature of Sample</b>                              | <b>: REP-Representative/Grab, (Insp Type : ROU-Routine Visit)</b>                    |
| <b>4. Sample Collected By</b>                           | <b>: Rajesh Parmar, EE</b>   |
| <b>5. Quantity of Sample Received</b>                   | <b>: 5 lits</b>  |
| <b>6. Code No. of the Sample</b>                        | <b>: 419633</b>  |
| <b>7. Date &amp; Time of Collection &amp; Inwarding</b> | <b>: 04/03/2024 , (1630 to 1630) &amp; 07/03/2024</b>                                |
| <b>8. Date of Start &amp; Completion of Analysis</b>    | <b>: 07/03/2024 &amp; 19/03/2024</b>   |
| <b>9. Sampling Point</b>                                | <b>: From Final outlet of CETP ~</b>   |
| <b>10. Flow Details (Remarks)</b>                       | <b>:</b>   |
| <b>11. Mode of Disposal</b>                             | <b>: On land for plantation &amp; gardening</b>                                      |
| <b>12. Ultimate Receiving Body</b>                      | <b>: u/g strata</b>  |
| <b>13. Temperature on Collection</b>                    | <b>: 24 &amp; pH Range on pH Strip :7 to 8</b>                                       |
| <b>14. Carboys Nos for</b>                              | <b>: Barcode &amp; Color &amp; Appearance :Colorless</b>                             |
| <b>15. Water Consumption &amp; W.W.G (KLPD)</b>         | <b>: Ind :80.000 , Dom :20.000 &amp; Ind :0.000 , Dom :15.000</b>                    |

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	Temperature	Centigrade	IS: 3025 (Part – 9) – 1984(Reaffirmed 2006)	Ambient oC - 60 oC	24
2	pH	pH Units	4500 H+ B APHA Standard Methods 23rd edi.2017	1 – 14 pH value As or	7.59
3	Colour	Pt.Co.Sc.	2120 B APHA Standard Methods 23rd edi. 2017	2 - to 99 Hazen & 1-50	50
4	Total Dissolved Solids	mg/l	Gravimetric method. (2540 C APHA Standard Method	10 – 200000 mg/L	1854
5	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Method	2 – 10000 mg/L	32
6	Ammonical Nitrogen	mg/l	1).Titrimetric method (4500 NH3 B & C APHA Standar	1 – 2000 mg/l.	8.4
7	Percent Sodium	%Na	IS11624-1986(Reaffirmed 2009)	0.01 – 100%.	53
8	Chloride	mg/l	Argentometric method. (4500 Cl? B APHA Standard M	1 - 50000 mg/l	510
9	Sulphate	mg/l	APHA(23rd edi) 4500 SO4 E	2-40mg/l	340
10	Chemical Oxygen Demand	mg/l	APHA (23rd Edition)- 5220 B Open Reflux Method-2C	5.0- 50000 mg/l	69
11	Oil & Grease	mg/l	Liquid – Liquid Partition Gravimetric method. (5520 B	01 – 1000 mg/l	2.0
12	Phenolic Compounds	mg/l	4 Amino Antipyrene method without Chloroform Extra	0.1 – 50 mg/l	0.25
13	Fluoride	mg/l	SPADNS method (4500-F-D APHA standard Methods	0.10-40 mg/l	0.77
14	Iron	mg/l	(3111 B APHA Standard methods 21st edi)	0.02-150mg/l	N.A
15	Zinc	mg/l	(3111 B APHA Standard methods 21st edi)	0.005-100mg/l	N.A
16	Copper	mg/l	3111 B APHA Standard methods 21st edi)	0.01-150 mg/l	N.A
17	B.O.D (3 Days 27oC)	mg/l	3 – Day BOD test. (IS 3025 (Part 44) 1993 Reaffirmed	05–50000 mg/l	22

**Laboratory Remarks** : Freezing By:474-r.o\_474 Dt.: 21/03/2024

**J.D.Patil, SO**

**Field Observation :**

---

Note : 1. \* - These parameters are NOT covered under the scope of NABL.

2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.

3. Samples will be destroyed after 10 days from the date of issue of test report unless otherwise specified.

4. This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.

5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.

6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.

7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

8. Physicochemical and microbiological parameters, Std.Methods for Water and Waste Water- 23rd Edition by APHA.

9. Bioassay test (for toxicity) -IS:6582:Part-2:2001; Reaffirmed 2007.

# **Annexure – 6**

# MPSEZ UTILITIES LIMITED, MUNDRA

INTEGRATED MANAGEMENT SYSTEM PROCEDURES MANUAL

ASSET/ F/ 003

## COMMON EFFLUENT TREATMENT PLANT (CETP)

Date: 31/03/2024

TIME	pH Value				DO Value (mg/L)		Meter Reading	Initial	Final	Difference	Remarks	
	Eq. Tank-1	Eq. Tank-2	Guard Pond	Final Outlet	Aeration Tank-1	Aeration Tank-2	Time of Reading Taken	12:00AM	12:00AM			
06:00 AM	8.2	/	8.2	8.1	/	2.8	Energy Meter Reading in KWH	62722	62759	37		
12:00 PM	8.2	/	8.2	8.1	/	2.8	Sector-5 Inlet Flow meter in KL (F1)	347827	347917	90		
15:00 PM	8.2	/	8.1	8.0	/	2.8	MITAP Area Inlet flow meter in KL (F2)	762808	763688	880		
20:00 PM	8.2	/	8.1	8.0	/	2.8	Final Treated Water Outlet Flow meter (F3)	627245	628074	829		
00:00 AM	8.2	/	8.1	8.0	/	2.8	Mundra Village Sewage Flow Meter in KL (F4)	583603	584293	690		
04:00 AM	8.2	/	8.1	8.0	/	2.8	Fresh Water Consumption Flow meter (F5)	9213	9218	05		
Chemical Consumption In Kg							Hazardous Waste					
Name of Chemical	Opening	Closing	Difference	Remarks	Sludge Disposal		Generation in Kg	Disposed in Kg	Stock as on Date	Remarks		
Sodium Hypochlorite	240	200	40	OTR	CETP Sludge		10.6	9.61	2.00			
Alum Solid	446	438	8 Kg									
Anionic Polyelectrolyte	110	109	2 Kg		Status of CEQMS		pH	TSS (mg/L)	COD (mg/L)	BOD (mg/L)	TDC (mg/L)	NH3-N (mg/L)
HCl					Value:							
Name & Sign of Operator DAY SHIFT				Name & Sign of Operator NIGHT SHIFT			Name & Sign of Incharge			REMARKS		

# **Annexure – 7**



**Ambuja Cement Ltd ( Unit - Ambuja ) [17221]**

**Manifest No:  
2288477  
05/12/2023**

**Copy 2**

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

Sender's Details					
<b>Sender Name</b>	Adani Ports & Special Economic Zone Ltd. [17739]				
<b>Address</b>	AT-NAVINAL ISLAND,MUNDRA, KUTCH Taluka :MUN Distict:KUT Pin no:370421				
<b>Contact Details</b>	6359981629 chiragsing.rajput@adani.com	<b>GPS Coordinates</b>	Lat :22.751285995587953 Long :69.69194045234245		
Receiver's Details					
<b>State</b>	Gujarat	<b>Type of Facility</b>	Co- processing		
<b>Facility Details</b>	Ambuja Cement Ltd ( Unit - Ambuja ) [17221]				
<b>Contact Details</b>	8755110707 devendrasingh.chauhan@adani.com	<b>GPS Coordinates</b>	Lat :20.835086132403017 Long:70.68872052986723		
<b>Address</b>	PO : Ambujanagar , 362715,Taluka - Kodinar , District - Junagadh Taluka :KOD Distict:GSM Pin no:362715				
Waste Details					
<b>Waste Details</b>	I-35-35.3-Chemical sludge from waste water treatment				
<b>Waste Intended for</b>	Co-Processsing	<b>Total Qty</b>	5.680MT	<b>Consistency</b>	Solid
Transporter Details					
<b>Name</b>	Sathi Enterprise	<b>Contact Details</b>	9909171117 sathienterprise77@gmail.com		
<b>Address</b>	New Port Road,Nr. Omkar weight Bridge District :Kutch East Taluka :Mundra				
Vehicle Details					
<b>Vehicle no</b>	GJ12BY7640 (IMEI No :358980100865220)	<b>GPS Enabled</b>	Yes	<b>Type of Vehicle</b>	Truck
<b>Driver name</b>	Adam Bhai	<b>Driver Contact No</b>	8758289443		
Waste Transportation Details					
<b>Vehicle Depart.</b>	05/12/2023 8:00PM	<b>Number of Drums</b>	0	<b>Loose Waste</b>	5.680
<b>Remarks</b>	ETP sludge 5.68 MT sending to Ambuja Cement for Co processing.		<b>No of bags</b>	0	
<b>Sender's Declaration :</b>					
1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations.					
2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.					
<b>Name and stamp of sender:</b>		<b>Date:</b>	<b>Signature:</b>		
<b>Transporter's Acknowledgement of Receipt of waste</b>					
<b>Stamp:</b>		<b>Date:</b>	<b>Signature:</b>		
<b>Receiver's Certification of Receipt of Hazardous waste</b>					

**Stamp:**

**Date:**

**Signature:**

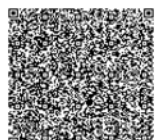
By scanning QR code, copy of transporter will be display. (All copy has same information)

Print by 17739 @ 05/12/2023 06:41:23 PM

d3723ae7-988b-4cb3-81ad-3b1d100b8a7d

Page 1 of 1

72





**Ambuja Cement Ltd ( Unit - Ambuja ) [17221]**

**Manifest No:  
2460111  
23/03/2024**

**Copy 2**

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

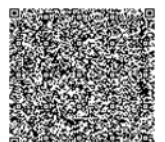
Sender's Details					
<b>Sender Name</b>	MPSEZ Utilities Ltd. (MUL) [10605]				
<b>Address</b>	SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. 141 (PART),VILL MUNDRA Taluka :MUN Distict:KUT Pin no:370421				
<b>Contact Details</b>	9687678443 chiragsingh.rajput@adani.com	<b>GPS Coordinates</b>	<b>Lat</b> :22.810370484726782 <b>Long</b> :69.70573116592713		
Receiver's Details					
<b>State</b>	Gujarat	<b>Type of Facility</b>	Co- processing		
<b>Facility Details</b>	Ambuja Cement Ltd ( Unit - Ambuja ) [17221]				
<b>Contact Details</b>	8755110707 devendrasingh.chauhan@adani.com	<b>GPS Coordinates</b>	<b>Lat</b> :20.835086132403017 <b>Long</b> :70.68872052986723		
<b>Address</b>	PO : Ambujanagar , 362715,Taluka - Kodinar , District - Junagadh Taluka :KOD Distict:GSM Pin no:362715				
Waste Details					
<b>Waste Details</b>	I~35~35.3~Chemical sludge from waste water treatment				
<b>Waste Intended for</b>	Co-Processing	<b>Total Qty</b>	8.610MT	<b>Consistency</b>	Solid
Transporter Details					
<b>Name</b>	Sathi Enterprise	<b>Contact Details</b>	9998912166 sathienterprise77@gmail.com		
<b>Address</b>	Plot no. 126,Vrundavan Park District :Kutch East Taluka :Mundra				
Vehicle Details					
<b>Vehicle no</b>	GJ12BX8263 (IMEI No :358980100462036)	<b>GPS Enabled</b>	Yes	<b>Type of Vehicle</b>	Truck
<b>Driver name</b>	Anwar	<b>Driver Contact No</b>	9724494641		
Waste Transportation Details					
<b>Vehicle Depart.</b>	23/03/2024 4:00PM	<b>Number of Drums</b>	0	<b>Loose Waste</b>	8.610
<b>Remarks</b>	ETP Sludge @ 8.610 MT Send to M/s. Ambuja Cement Ltd, Kodinar for co-processing.	<b>No of bags</b>	0		
<b>Sender's Declaration :</b>					
<p>(1) The above contents of hazardous/ other wastes consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked and labeled, and are in all respects in proper conditions for its transport from aforementioned location to common facility or captive facility or actual user by way of road/ transportation in accordance with the applicable central as well as state government regulations.</p> <p>(2) I have obtained membership of common facilities/ carried out agreement with actual user for disposal/ actual use of hazardous waste having authorization under Rule-9.</p> <p>(3) I do hereby verify that no part of manifest is false and nothing has been concealed. If any information sprouts to be false or concealed, I will be held responsible for the consequences under HOWM Rules, 2016 and amendments thereof.</p>					
<b>Name and stamp of sender:</b>		<b>Date:</b>	<b>Signature:</b>		
<b>Transporter's Acknowledgement of Receipt of waste Stamp:</b>		<b>Date:</b>	<b>Signature:</b>		
<b>Receiver's Certification of Receipt of Hazardous waste</b>					
I, hereby declare that the said waste is received at the facility/unit for which I have valid CCA (under Rule-9 in case of recycling) for its disposal/ utilization. I also declare this information to be true failing which I will be held responsible for the consequences under HOWM Rules, 2016 and amendments thereof. I hereby, accept/ reject the manifest.					

**Stamp:**

**Date:**

**Signature:**

By scanning QR code, copy of transporter will be display. (All copy has same information)



# **Annexure – 8**



# adani

Ports and  
Logistics

O/C

Env Cell/MUL/CETP/EAR/2023-24/074

PCB ID: 10605

Date: 27.12.2023

To

✓ The Member Secretary,  
Gujarat Pollution Control Board,  
Paryavaran Bhavan,  
Sector - 10A,  
Gandhinagar - 382010.

**Subject:** Submission of Environmental Audit Report of our CETP (MUL) for the period of 01.04.2023 to 30.09.2023.

**Reference:** Consent Order No. AWH-113221 issued dated 10.06.2021 & valid up-to 07.04.2026, GPCB ID: 10605.

Dear Sir,

With reference to the above stated and reference, please find enclosed environmental audit report for the half year ending on 30<sup>th</sup> September, 2023. Fees for environment audit have already been done through e-payment on GPCB-XGN site and details of the same are as below.

Name of Industry	:	MPSEZ Utilities Ltd. (MUL)
Address of the Industry	:	S. No. / Plot No. 141 (Part) Village & Taluka: Mundra, Dist: Kutch - 370421.
Activity	:	Common Effluent Treatment Plant (2.5 MLD Capacity)
EC No.	:	SEIAA/GUJ/EC/7(h)/43/2010 dated 20.02.2010
CC&A Order No.	:	AWH-113221 dated 10.06.2021, valid up to 07.04.2026
Audit Period	:	Apr-2023 to Sep-2023
Transaction No.	:	YAXC2184932353, dated 27.12.2023
Bank Name	:	Axis Bank Ltd.
Total Amount	:	Rs. 20,000/- (INR Twenty Thousand only)
Pay to	:	Gujarat Pollution Control Board, Gandhinagar

Kindly accept and acknowledge the same.

Thanking you.

For, MPSEZ Utilities Limited



Authorized Signatory

Encl:

- Three copies of Environmental Audit Report (EAR)
- Payment Receipt (INR 20,000/-)

MPSEZ Utilities Limited  
(Formerly MPSEZ Utilities Private Limited)  
Adani House,  
Nr. Mithakhali Circle, Navrangpura,  
Ahmedabad 380 009  
Gujarat, India

Tel +91 79 2555 5801  
Fax +91 79 2555 6490  
info@adani.com  
www.adani.com  
CIN: U45209GJ2007PTC051323

Registered Office: Adani Corporate House, Shantigram, Nr. Valshno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad - 380021, Gujarat, India

3/12/23  
Gandhinagar-382010  
Sector No.-10-A  
Head Office  
Gujarat Pollution Control Board

# **Annexure – 9**

**1. Name & address of Industry :** Dorf Ketel Chemicals (India) Pvt. Ltd. (New Name),  
S no-141/P,MPSEZS no-141/P,MPSEZ,  
Mundra - 370421  
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

**PCB ID : 29005**

**2. Phone No. :** 9928088180

**3. Date of commencement of Manufacturing process :** 01/04/2011

**4. CTEs No. & Date :** CER-122930,10/07/2027

**5. CCA No. & Date of Expiry :** W-125949, 14/04/2026

**6. Water Cess (with Interest) paid up to which Period :** 2017-2018

**7. Laboratory charges pending if any :** 0

**8. Water consumed during the month (by all sources )in KL :** Meter Reading=1024384,Kilo Litre=12040  
**Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable :** 9713 / 400 / 1927 / 0

**9. Electricity consumed in PRODUCTION :** 1126614 **ETP/CETP :** 53740 **APCM :** 16286

**9A. Stack attached to :** Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

**10. Fuel consumed during the month :** Coal,ldo

**11. Products :** cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DA-2606,DA-2654,DORF-1938,DORF-5123(G),IPB-19,OG-5153,og-5204,OG-5267,og-5304,og-5378,OG-5607,OG-5615,og-5618,og-5624,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,sr-1123,SR-1142,SR-1142 EU,SR-1149,SR-1200 (RPL),sr-1200 (g)(tupras),SR-1200(RIL),SR-1204,SR-1347 (Regular Formulation),SR-1509,SR-1558,sr-1609,SR-1955,sr-2008 (kcc),sr-2008(mrpl),SR-8208,SR-8213-EU,tetra iso-propyl titanate (tpt),tpt based titanates,tyzor - 722,tyzor - pita-sm,UNICOR-C,unicor-j eu,UNICOR-J(HPCL-Mumbai)

**12. Work of Control Measures In Progress :** Nothing in Progress

**13. Upgradation / Addition of PCM is Required :** Nothing Suggested

**14. HAZ Waste Disposal(in Metric Tonne):** Co-Incineration Waste to other Industry=122.690,Trucks despatched=72

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	521.400-M.T	
FUE	LDO	ldo	81.703-KLT	
GAS		HCL	0.040-KGS	
GAS		NH3	17.720-KGS	
GAS		NOX	1154.040-KGS	

GAS		PM	1549.410-KGS	
GAS		SO2	1388.950-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	642.000-M.T	
PRD	571738	da-2258	43.000-M.T	
PRD	571677	da-2606	1.700-M.T	
PRD	571679	da-2654	12.920-M.T	
PRD	571726	dorf-1938	4.500-M.T	
PRD	571629	dorf-5123(g)	8.000-M.T	
PRD	571626	ipb-19	109.500-M.T	
PRD	571621	og-5153	20.000-M.T	
PRD	571593	og-5204	345.400-M.T	
PRD	571645	og-5267	5.400-M.T	
PRD	571591	og-5304	63.400-M.T	
PRD	571614	og-5378	64.700-M.T	
PRD	571623	og-5607	38.910-M.T	
PRD	571647	og-5615	3.600-M.T	
PRD	571625	og-5618	19.700-M.T	
PRD	571603	og-5624	40.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1562.240-M.T	
PRD	571589	sr 2008 takreer	305.000-M.T	
PRD	571618	sr-1123	38.000-M.T	
PRD	571714	sr-1142	12.300-M.T	
PRD	571766	sr-1142 eu	12.350-M.T	
PRD	571653	sr-1149	34.000-M.T	
PRD	571688	sr-1200 (rpl)	23.500-M.T	
PRD	571619	sr-1200(g)(tupras)	23.580-M.T	
PRD	571644	sr-1200(ril)	23.580-M.T	
PRD	571648	sr-1204	4.000-M.T	
PRD	571636	sr-1347 (regular formulation)	5.000-M.T	
PRD	571628	sr-1509	18.000-M.T	
PRD	571681	sr-1558	2.160-M.T	
PRD	571595	sr-1609	620.000-M.T	
PRD	571627	sr-1955	14.400-M.T	
PRD	571597	sr-2008 (kcc)	279.600-M.T	
PRD	571590	sr-2008(mrpl)	385.000-M.T	
PRD	571785	sr-8208	14.400-M.T	
PRD	571682	sr-8213-eu	20.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	179.000-M.T	
PRD	81422	tpt based titanates	385.600-M.T	

PRD	571622	tyzor - 722	1.500-M.T	
PRD	571606	tyzor - pita-sm	1.400-M.T	
PRD	571660	unicor-c	13.800-M.T	
PRD	571624	unicor-j eu	15.770-M.T	
PRD	571651	unicor-j(hpcl-mumbai)	15.770-M.T	

**Online Manifest Prepared**

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2238576-31/10/2023	GJ03AT2447-31/10/2023		EMPTY DRUM-33.3 2.960 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2238303-31/10/2023	GJ12BT2909-31/10/2023		EMPTY DRUM-33.3 1.540 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2238262-31/10/2023	GJ12BW2540-31/10/2023		mix solvent-20.1 19.855 MTS (20.1)
2237094-30/10/2023	GJ12BT2909-30/10/2023		Empty drums & Barrels-33.11 1.540 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2235678-28/10/2023	GJ23Y5573-28/10/2023		Process waste-28.1 15.605 MTS (28.1)
2234848-28/10/2023	GJ15AT8695-28/10/2023		Process residue-28.1 7.490 MTS (28.1)
2235630-28/10/2023	GJ12BT2909-28/10/2023		Empty B arrel-33.3 1.635 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2234514-27/10/2023	GJ03AT2447-27/10/2023		EMPTY DRUM-33.3 2.600 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2234510-27/10/2023	GJ12BT2909-27/10/2023		empty drum-33.3 3.035 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2234751-27/10/2023	HR645215-27/10/2023		Salt of ammonium chloride 22.075 MTS (C2)
2233322-26/10/2023	GJ12BT2909-26/10/2023		EMPTY DRUM-33.3 2.965 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2233570-26/10/2023	GJ03AT2447-26/10/2023		EMPTY DRUM-33.3 1.415 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2233751-26/10/2023	GJ01JT7172-26/10/2023		EMPTY DRUM-33.3 2.590 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2233836-26/10/2023	GJ01KT7172-26/10/2023		Empty Barrel-33.3 2.925 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2233776-26/10/2023	HR56B0206-26/10/2023		Salt of Ammonium Chloride 32.100 MTS (C2)

2232466-25/10/2023	GJ03AT2447-25/10/2023	EMPTY DRUM-33.3 1.440 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2232467-25/10/2023	GJ12BT2909-25/10/2023	EMPTY DRUM-33.3 1.720 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2232727-25/10/2023	HR65A8880-25/10/2023	Salt of Ammonium Chloride 32.450 MTS (C2)
2230886-23/10/2023	GJ03AT2447-23/10/2023	EMPTY DRUM-33.3 2.525 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2231119-23/10/2023	GJ19X1178-23/10/2023	Process Residue-28.1 16.040 MTS (28.1)
2229824-21/10/2023	GJ03AT2447-21/10/2023	empty drums 33.3 1.310 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2227559-19/10/2023	GJ12BT2909-19/10/2023	EMPTY DRUM-33.3 1.455 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2227880-19/10/2023	GJ01KT7172-19/10/2023	empty drums 33.3 3.990 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2227810-19/10/2023	HR56B6082-19/10/2023	Salt of Ammonium Chloride 30.555 MTS (C2)
2226220-18/10/2023	RJ05GB8108-18/10/2023	Salt of Ammonium Chloride 24.030 MTS (C2)
2226561-18/10/2023	HR645215-18/10/2023	Salt of Ammonium Chloride 21.940 MTS (C2)
2225755-17/10/2023	GJ01KT7172-17/10/2023	EMPTY DRUM-33.3 3.710 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2225871-17/10/2023	GJ12BT2909-17/10/2023	EMPTY DRUM-33.3 2.925 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2225601-17/10/2023	GJ12AW0585-17/10/2023	Distillation Residue-36.4 14.855 MTS (36.1)
2225876-17/10/2023	GJ12CT3274-17/10/2023	EMPTY DRUM-33.3 1.650 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2225911-17/10/2023	RJ05GB8108-17/10/2023	Salt of Ammonium Chloride 24.030 MTS (C2)
2224541-16/10/2023	HR56A6168-16/10/2023	Salt of Ammonium Chloride 22.520 MTS (C2)
2222177-13/10/2023	GJ18AU7744-13/10/2023	Sodium Bi-Sulphide Solution 12.950 MTS (B23)
2222456-13/10/2023	GJ03AT2447-13/10/2023	Empty Barrel-33.3 2.610 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2222462-13/10/2023	GJ12BT2909-13/10/2023	Empty Barrel-33.3 1.540 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2222486-13/10/2023	GJ15AT8695-13/10/2023		Process Waste-28.1 6.400 MTS (28.1)
2221822-12/10/2023	PB13AL5707-12/10/2023		salt of ammoniam chloride 31.415 MTS (C2)
2221391-12/10/2023	GJ12BT2909-12/10/2023		EMPTY DRUM-33.3 3.145 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2220556-11/10/2023	GJ12BT2909-11/10/2023		EMPTY DRUM-33.3 3.035 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2220500-11/10/2023	GJ19X1178-11/10/2023		Distillation Residue-36.4 15.755 MTS (36.1)
2220505-11/10/2023	GJ03AT2447-11/10/2023		EMPTY DRUM-33.3 1.350 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2220804-11/10/2023	HR56B0206-11/10/2023		Salt of ammoniam chloride 33.335 MTS (C2)
2219962-10/10/2023	GJ12AT8555-10/10/2023		mix solvent-20.1 14.996 MTS (20.1)
2219965-10/10/2023	HR56A7220-10/10/2023		salt of ammoniam clorid 30.465 MTS (C2)
2219865-10/10/2023	GJ12Z4646-10/10/2023		MIXED SOLVENT-20.1 14.481 MTS (20.1)
2219688-10/10/2023	GJ12BT2909-10/10/2023		Empty drums & Barrels-33.11 3.020 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2218873-09/10/2023	GJ12AT7006-09/10/2023		MIXED SOLVENT-20.1 15.271 MTS (20.1)
2218534-09/10/2023	GJ12AT7126-09/10/2023		Mixed solvent-20.1 14.266 MTS (20.1)
2218945-09/10/2023	GJ15AT8695-09/10/2023		Process Waste-28.1 7.180 MTS (28.1)
2218026-08/10/2023	GJ12AT7552-08/10/2023		Mixed solvent-20.1 14.538 MTS (20.1)
2218002-08/10/2023	HR65A8880-08/10/2023		Salt of Ammoniam chloride 32.940 MTS (C2)
2218032-08/10/2023	GJ12AT5945-08/10/2023		MIXED SOLVENT-20.1 14.535 MTS (20.1)
2218058-08/10/2023	GJ12AT6462-08/10/2023		mixed solvent-20.1 15.071 MTS (20.1)
2216669-06/10/2023	GJ12AW7831-06/10/2023		mixed solvent-20.1 14.766 MTS (20.1)
2216339-06/10/2023	GJ12BT2909-06/10/2023		EMPTY DRUM-33.3 3.000 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2215761-05/10/2023	GJ03AT2447-05/10/2023		mepty ibc-33.1 1.455 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2215771-06/10/2023	GJ19X1178-05/10/2023		distillation resiue-36.4 16.495 MTS (36.1)
2215643-05/10/2023	GJ12BT2909-05/10/2023		Empty drums & barrels-33.11 1.975 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2214896-04/10/2023	HR38T2641-04/10/2023		Salt of Ammonium Chloride 23.525 MTS (C2)
2214763-04/10/2023	GJ12Z4646-04/10/2023		MIXED SOLVENT-20.1 14.503 MTS (20.1)
2214768-04/10/2023	GJ12AT7126-04/10/2023		MIXED SOLVENT-20.1 14.756 MTS (20.1)
2214039-03/10/2023	GJ15YY8423-03/10/2023		empty drums-33.3 3.700 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2214029-03/10/2023	GJ12AT8555-03/10/2023		Mix solvent-20.1 16.520 MTS (20.1)
2213886-03/10/2023	GJ12AT7006-03/10/2023		mixed solvent-20.1 14.721 MTS (20.1)
2214005-03/10/2023	GJ09AV2244-03/10/2023		Distillation Residue-36.4 15.750 MTS (36.1)
2213771-03/10/2023	GJ12AY6868-03/10/2023		MIXED SOLVENT-20.1 14.961 MTS (20.1)
2214006-03/10/2023	HR645215-03/10/2023		Salt of Ammonium Chloride 22.090 MTS (C2)
2213854-03/10/2023	GJ01JT7271-03/10/2023		EMPTY DRUM-33.3 2.120 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2213846-03/10/2023	GJ12BT2909-03/10/2023		EMPTY DRUM-33.3 1.660 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2213842-03/10/2023	GJ03AT2447-03/10/2023		EMPTY DRUM-33.3 1.320 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2213433-03/10/2023	GJ15AT8695-03/10/2023		Process Waste-28.1 7.520 MTS (28.1)
2212989-02/10/2023	GJ12AW9293-02/10/2023		mix solvent-20.1 14.643 MTS (20.1)
2212957-02/10/2023	GJ12AT7188-02/10/2023		mix solvent-20.1 14.488 MTS (20.1)



**1. Name & address of Industry :** Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name),  
S no-141/P,MPSEZS no-141/P,MPSEZ,  
Mundra - 370421  
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

**PCB ID : 29005**

**2. Phone No. :** 9928088180

**3. Date of commencement of Manufacturing process :** 01/04/2011

**4. CTEs No. & Date :** CER-122930,10/07/2027

**5. CCA No. & Date of Expiry :** W-125949, 14/04/2026

**6. Water Cess (with Interest) paid up to which Period :** 2017-2018

**7. Laboratory charges pending if any :** 0

**8. Water consumed during the month (by all sources )in KL :** Meter Reading=1035816,Kilo Litre=11432  
**Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable :** 9170 / 442 / 1820 / 0

**9. Electricity consumed in PRODUCTION :** 1089482 **ETP/CETP :** 48150 **APCM :** 15768

**9A. Stack attached to :** Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

**10. Fuel consumed during the month :** Coal,ldo

**11. Products :** CEPRO-100,cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DA-2301,DA-2318,DA-2663,DORF-5123(G),IPB-19,og-5204,OG-5267,og-5304,OG-5607,OG-5615,og-5624,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),SR 1926,sr 2008 takreer,sr-1123,SR-1200 (RPL),SR-1213,SR-1249,SR-1288,SR-1347 (Regular Formulation),SR-1349,SR-1394,SR-1529,sr-1658,SR-1690 Europe,sr-2008 (kcc),sr-2008 (mrpl),tetra iso-propyl titanate(tpt),tpt based titanates,tyzor - pita-sm

**12. Work of Control Measures In Progress :** Nothing in Progress

**13. Upgradation / Addition of PCM is Required :** Nothing Suggested

**14. HAZ Waste Disposal(in Metric Tonne):** Co-Incineration Waste to other Industry=95.970,Trucks despatched=42

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	610.000-M.T	
FUE	LDO	ldo	85.462-KLT	
GAS		HCL	0.060-KGS	
GAS		NH3	19.440-KGS	
GAS		NOX	990.990-KGS	
GAS		PM	1540.220-KGS	
GAS		SO2	1416.920-KGS	

PRD	571802	cepro-100	19.890-M.T	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	1396.120-M.T	
PRD	571738	da-2258	552.432-M.T	
PRD	571676	da-2301	10.800-M.T	
PRD	571674	da-2318	3.498-M.T	
PRD	571763	da-2663	1.140-M.T	
PRD	571629	dorf-5123(g)	10.648-M.T	
PRD	571626	ipb-19	18.000-M.T	
PRD	571593	og-5204	245.730-M.T	
PRD	571645	og-5267	5.400-M.T	
PRD	571591	og-5304	22.060-M.T	
PRD	571623	og-5607	39.000-M.T	
PRD	571647	og-5615	3.600-M.T	
PRD	571603	og-5624	120.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2740.575-M.T	
PRD	571693	sr 1926	4.500-M.T	
PRD	571589	sr 2008 takreer	180.000-M.T	
PRD	571618	sr-1123	99.284-M.T	
PRD	571688	sr-1200 (rpl)	15.300-M.T	
PRD	571761	sr-1213	2.000-M.T	
PRD	571733	sr-1249	11.064-M.T	
PRD	571700	sr-1288	7.200-M.T	
PRD	571636	sr-1347 (regular formulation)	21.420-M.T	
PRD	571691	sr-1349	7.200-M.T	
PRD	571632	sr-1394	15.660-M.T	
PRD	571744	sr-1529	7.200-M.T	
PRD	571617	sr-1658	57.600-M.T	
PRD	571792	sr-1690 europe	160.000-M.T	
PRD	571597	sr-2008 (kcc)	318.750-M.T	
PRD	571590	sr-2008(mrpl)	350.800-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	288.971-M.T	
PRD	81422	tpt based titanates	355.575-M.T	
PRD	571606	tyzor - pita-sm	51.595-M.T	

**Online Manifest Prepared**

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2283449-30/11/2023	GJ01KT7172-30/11/2023		Empty Drums & Barrels-33.11 3.945 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2282537-29/11/2023	GJ12AT7006-29/11/2023		MIX SOLVENT 14.956 MTS (20.1)
2281805-28/11/2023	RJ02GA6130-28/11/2023		Distillation Residue-36.4 16.215 MTS (36.1)
2281617-28/11/2023	GJ03AT2447-28/11/2023		Empty Drums=33.3 1.050 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2281785-29/11/2023	RJ06GB6388-28/11/2023		Salt of Ammonium Chloride 25.665 MTS (C2)
2280649-27/11/2023	GJ12BT2909-27/11/2023		Empty Drums 33.3 1.680 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2280775-27/11/2023	HR56B7611-27/11/2023		Salt of Ammonium Chloride 29.635 MTS (C2)
2277549-23/11/2023	HR56B6082-23/11/2023		Salt of Ammonium Chloride 30.475 MTS (C2)
2277574-23/11/2023	GJ15AT8695-23/11/2023		process residue 28.1 7.090 MTS (28.1)
2276209-22/11/2023	GJ12BT2909-22/11/2023		EMPTY DRUM-33.3 1.460 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2276194-22/11/2023	GJ03AT2447-22/11/2023		EMPTY DRUM-33.3 1.400 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2255257-21/11/2023	GJ12BT2909-21/11/2023		EMPTY DRUM-33.3 3.075 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2255333-21/11/2023	GJ03AT2447-21/11/2023		EMPTY DRUM-33.3 1.380 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2255434-21/11/2023	HR65A8880-21/11/2023		Salt of Ammonium Chloride 32.565 MTS (C2)
2254396-20/11/2023	GJ03AT2447-20/11/2023		Empty Drum-33.3 1.370 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2254386-20/11/2023	HR645215-20/11/2023		Salt of Ammonium Chloride 22.670 MTS (C2)
2253163-18/11/2023	GJ12AW0585-18/11/2023		Distillation Residue-36.4 15.180 MTS (36.1)
2252958-18/11/2023	GJ12BT2909-18/11/2023		EMPTY DRUM-33.3 1.420 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2252583-18/11/2023	RJ06GB4593-18/11/2023		Salt of Ammonium Chloride 27.510 MTS (C2)
2253055-18/11/2023	GJ15AV1870-18/11/2023		Process Residue-28.1 9.950 MTS (28.1)
2252288-17/11/2023	GJ03AT2447-17/11/2023		empty drum-33.3 1.270 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2252090-17/11/2023	GJ12BT2909-17/11/2023	EMPTY DRUM-33.3 3.120 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2252074-17/11/2023	HR56B7611-17/11/2023	Salt of Ammonium Chloride 31.660 MTS (C2)
2251484-16/11/2023	GJ03AT2447-16/11/2023	EMPTY DRUM-33.3 1.370 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2251473-16/11/2023	GJ12BT2909-16/11/2023	EMPTY DRUM-33.3 3.015 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2251001-15/11/2023	GJ12BT2909-15/11/2023	EMPTY DRUM-33.3 2.995 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2251123-17/11/2023	PB13AL5707-15/11/2023	salt of ammonium chloride 29.325 MTS (C2)
2251126-15/11/2023	GJ15AT8695-15/11/2023	process waste 28.1 7.730 MTS (28.1)
2249158-10/11/2023	RJ02GA6130-10/11/2023	Process Residue-28.1 17.015 MTS (28.1)
2249009-10/11/2023	GJ03AT2447-10/11/2023	EMPTY DRUM-33.3 1.365 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2248078-09/11/2023	GJ12BT2909-09/11/2023	EMPTY DRUM-33.3 3.175 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2248076-09/11/2023	GJ03AT2447-09/11/2023	EMPTY DRUM-33.3 2.870 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2246853-08/11/2023	GJ03AT2447-08/11/2023	EMPTY DRUM-33.3 1.520 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2246719-08/11/2023	HR645215-08/11/2023	Salt of Ammonium Chloride 21.430 MTS (C2)
2245357-07/11/2023	GJ12BT2909-07/11/2023	EMPTY DRUM-33.3 1.660 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2245565-07/11/2023	GJ03AT2447-07/11/2023	empty drum-33.3 1.395 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2245746-07/11/2023	GJ15AT8695-07/11/2023	Process Waste-28.1 7.290 MTS (28.1)
2244385-06/11/2023	GJ03AT2447-06/11/2023	Empty Drums-33.1 1.375 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2244391-06/11/2023	RJ27GC9431-06/11/2023	process west-28.1 15.735 MTS (28.1)
2244540-06/11/2023	GJ12BT2909-06/11/2023	Empty Drums-33.1 1.430 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2241720-03/11/2023	GJ12BT2909-03/11/2023	EMPTY DRUM-33.3 2.795 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2239456-01/11/2023	GJ12BT2909-01/11/2023		EMPTY DRUM-33.3 1.470 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2235641-01/11/2023	GJ03AT2447-01/11/2023		Empty Barrel-33.3 2.600 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

**1. Name & address of Industry :** Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name),  
S no-141/P,MPSEZS no-141/P,MPSEZ,  
Mundra - 370421  
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

**PCB ID : 29005**

**2. Phone No. :** 9928088180

**3. Date of commencement of Manufacturing process :** 01/04/2011

**4. CTEs No. & Date :** CER-122930,10/07/2027

**5. CCA No. & Date of Expiry :** W-125949, 14/04/2026

**6. Water Cess (with Interest) paid up to which Period :** 2017-2018

**7. Laboratory charges pending if any :** 0

**8. Water consumed during the month (by all sources) in KL :** Meter Reading=1046328,Kilo Litre=10512  
**Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable :** 8247 / 432 / 1833 / 0

**9. Electricity consumed in PRODUCTION :** 1140594 **ETP/CETP :** 58380 **APCM :** 16286

**9A. Stack attached to :** Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

**10. Fuel consumed during the month :** Coal,ldo

**11. Products :** cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DORF-1938,DORF-5123(G),OG 5211,OG-5202,og-5204,OG-5267,OG-5607,og-5624,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,SR 8120 P,sr-1123,SR-1200 (RPL),SR-1204,SR-1255,SR-1275,SR-1347 ( RIL),SR-1558,SR-1705,SR-1955,sr-2008 (kcc),sr-2008(mrpl),SR-6008,SR-6013,SR-8208,tetra iso-propyl titanate(tpt),tpt based titanates,tyzor - pita-sm,UNICOR-C

**12. Work of Control Measures In Progress :** Nothing in Progress

**13. Upgradation / Addition of PCM is Required :** Nothing Suggested

**14. HAZ Waste Disposal(in Metric Tonne):** INC. Waste for Incineration=7.240,Co-Incineration Waste to other Industry=116.170,Trucks despatched=49

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	612.700-M.T	
FUE	LDO	ldo	84.994-KLT	
GAS		HCL	0.060-KGS	
GAS		NH3	20.690-KGS	
GAS		NOX	938.810-KGS	
GAS		PM	1436.230-KGS	
GAS		SO2	1323.540-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	1264.479-M.T	
PRD	571738	da-2258	262.000-M.T	
PRD	571726	dorf-1938	3.600-M.T	
PRD	571629	dorf-5123(g)	14.905-M.T	
PRD	571794	og 5211	11.900-M.T	
PRD	571737	og-5202	4.950-M.T	
PRD	571593	og-5204	401.560-M.T	
PRD	571645	og-5267	30.322-M.T	
PRD	571623	og-5607	25.000-M.T	
PRD	571603	og-5624	99.960-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2113.014-M.T	
PRD	571589	sr 2008 takreer	201.000-M.T	
PRD	571799	sr 8120 p	4.000-M.T	
PRD	571618	sr-1123	65.288-M.T	
PRD	571688	sr-1200 (rpl)	4.500-M.T	
PRD	571648	sr-1204	5.296-M.T	
PRD	571642	sr-1255	3.600-M.T	
PRD	571767	sr-1275	5.000-M.T	
PRD	571634	sr-1347 ( ril)	48.130-M.T	
PRD	571681	sr-1558	1.980-M.T	
PRD	571728	sr-1705	3.600-M.T	
PRD	571627	sr-1955	28.800-M.T	
PRD	571597	sr-2008 (kcc)	335.450-M.T	
PRD	571590	sr-2008(mrpl)	250.000-M.T	
PRD	571637	sr-6008	13.500-M.T	
PRD	571719	sr-6013	7.000-M.T	
PRD	571785	sr-8208	43.416-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	452.949-M.T	
PRD	81422	tpt based titanates	421.313-M.T	
PRD	571606	tyzor - pita-sm	43.200-M.T	
PRD	571660	unicor-c	3.500-M.T	

**Online Manifest Prepared**

<b>MF ID-Date</b>	<b>Truck No-Date</b>	<b>TSDF Name</b>	<b>H.W Remark / Qty</b>
2323240-29/12/2023	HR56A7220-29/12/2023		Salt of Ammonium Chloride 29.695 MTS (C2)
2322866-29/12/2023	GJ12BT2909-29/12/2023		Empty Barrel-33.3 3.040 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2321720-28/12/2023	GJ12Z4646-28/12/2023		Mixed Solvent-20.1 14.086 MTS (20.1)
2321972-28/12/2023	GJ12BT2909-28/12/2023		Empty Barrel-33.3 1.480 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2321857-28/12/2023	GJ12BV4188-28/12/2023		Insulation waste land filling 4.010 MTS (35.1)
2320738-27/12/2023	GJ03AT2447-27/12/2023		Empty Barrel-33.3 1.285 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2321171-27/12/2023	HR56B0451-27/12/2023		Salt of Ammonium Chloride 31.190 MTS (C2)
2320727-27/12/2023	GJ12BT2909-27/12/2023		Empty Barrel-33.3 3.065 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2319914-26/12/2023	DN09U9179-26/12/2023		Process Residue-28.1 16.465 MTS (28.1)
2320006-26/12/2023	GJ12BV4188-26/12/2023		Insulation Waste for landfilling 3.990 MTS (35.1)
2318877-25/12/2023	GJ12BT2909-25/12/2023		Empty Drums-33.11 1.555 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2315992-22/12/2023	RJ02GA6130-22/12/2023		Process Waste -28.1 18.335 MTS (28.1)
2315996-22/12/2023	DN09U9179-22/12/2023		Process Waste -28.1 17.260 MTS (28.1)
2314700-21/12/2023	HR65A8880-21/12/2023		Salt of Ammonium Chloride 30.210 MTS (C2)
2314394-21/12/2023	GJ12BT2909-21/12/2023		EMPTY DRUM-33.3 1.635 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2313168-20/12/2023	GJ12BT2909-20/12/2023		EMPTY DRUM-33.3 1.550 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2313398-20/12/2023	GJ12AT5945-20/12/2023		Mixed Solvent-20.1 13.516 MTS (20.1)
2312937-20/12/2023	HR645215-20/12/2023		Salt of Ammonium Chloride 22.700 MTS (C2)



2313406-20/12/2023	GJ03AT2447-20/12/2023	EMPTY DRUM-33.3 2.555 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2312270-19/12/2023	GJ01KT7172-19/12/2023	Empty Barrel-33.3 1.995 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2312387-19/12/2023	PB13AL5707-19/12/2023	Salt of Ammonium Chloride 31.965 MTS (C2)
2306512-19/12/2023	GJ01JT7172-19/12/2023	EMPTY DRUM-33.3 3.570 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2311150-18/12/2023	RJ02GA6130-18/12/2023	Process Residue-28.1 15.435 MTS (28.1)
2311256-18/12/2023	GJ12BT7535-18/12/2023	Insulation Waste for landfilling 3.245 MTS (35.1)
2308652-15/12/2023	UP82AT1786-15/12/2023	Salt of ammonium Chloride 22.395 MTS (C2)
2306501-14/12/2023	HR56A7220-14/12/2023	Salt of Ammonium Chloride 30.285 MTS (C2)
2306478-13/12/2023	GJ12AU6012-13/12/2023	MIXED SOLVENT 20.1 14.206 MTS (20.1)
2306124-13/12/2023	GJ12AT7006-13/12/2023	Mixed Solvent 20.1 15.081 MTS (20.1)
2305428-12/12/2023	GJ23Y5573-12/12/2023	process waste- 28.1 16.140 MTS (28.1)
2305481-12/12/2023	HR56B0451-12/12/2023	salt of ammonium chloride 32.075 MTS (C2)
2305273-12/12/2023	GJ12BT2909-12/12/2023	Empty Barrel-33.3 3.110 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2304267-11/12/2023	GJ15AT8695-11/12/2023	Process Waste-28.1 8.080 MTS (28.1)
2304209-11/12/2023	GJ12AT5945-11/12/2023	Mixed Solvent-20.1 15.046 MTS (20.1)
2304025-11/12/2023	GJ12Z4646-11/12/2023	mix solvent 20.1 15.096 MTS (20.1)
2304080-11/12/2023	GJ12BT2909-11/12/2023	Empty barrel 33.3 1.550 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2291466-08/12/2023	GJ12BT2909-09/12/2023	EMPTY BARREL-33.3 3.085 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2302541-09/12/2023	GJ01JT7172-09/12/2023	Empty Barrel-33.3 2.760 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2291460-08/12/2023	GJ12AU6012-08/12/2023	Mixed Solvent-20.1 14.851 MTS (20.1)

2290387-07/12/2023	GJ12Z4646-07/12/2023		Mixed Solvent-20.1 15.121 MTS (20.1)
2290556-07/12/2023	GJ12AT7006-07/12/2023		Mixed solvent-20.1 15.126 MTS (20.1)
2289993-07/12/2023	GJ12AT5945-07/12/2023		Mixed Solvent-20.1 14.986 MTS (20.1)
2289320-06/12/2023	GJ01JT7271-06/12/2023		Empty Drums-33.3 3.915 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2289326-06/12/2023	GJ01JT7172-06/12/2023		Empty Drums-33.3 3.920 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2288495-05/12/2023	RJ02GA6130-05/12/2023		Distillation Residue-36.4 14.705 MTS (36.1)
2288408-05/12/2023	GJ12BT2909-05/12/2023		Empty Drums-33.3 1.445 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2287402-04/12/2023	GJ01JT7172-04/12/2023		Empty Drums-33.3 4.005 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2287215-04/12/2023	GJ12BT2909-04/12/2023		Empty Drums-33.3 3.075 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2287220-04/12/2023	GJ03AT2447-04/12/2023		Empty Drums-33.3 1.310 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2287126-04/12/2023	GJ01JT7172-04/12/2023		Empty Drums-33.3 4.005 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2286249-04/12/2023	GJ01BY5274-04/12/2023		Process Residue -28.1 9.850 MTS (28.1)
2285466-02/12/2023	GJ12BT2909-02/12/2023		Empty Drums-33.3 1.360 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

**1. Name & address of Industry :** Dorf Ketel Chemicals (India) Pvt. Ltd. (New Name),  
S no-141/P,MPSEZS no-141/P,MPSEZ,  
Mundra - 370421  
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

**PCB ID : 29005**

**2. Phone No. :** 9928088180

**3. Date of commencement of Manufacturing process :** 01/04/2011

**4. CTEs No. & Date :** CER-122930,10/07/2027

**5. CCA No. & Date of Expiry :** W-125949, 14/04/2026

**6. Water Cess (with Interest) paid up to which Period :** 2017-2018

**7. Laboratory charges pending if any :** 0

**8. Water consumed during the month (by all sources )in KL :** Meter Reading=1057212,Kilo Litre=10884  
**Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable :** 8610 / 442 / 1832 / 0

**9. Electricity consumed in PRODUCTION :** 1187408 **ETP/CETP :** 56026 **APCM :** 16286

**9A. Stack attached to :** Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

**10. Fuel consumed during the month :** Coal,ldo

**11. Products :** cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DA-2301,DA-2351 (Malaysia),DA-2606,DA-2734,DORF-1938,DORF-5123(G),IPB-19,OG-5202,og-5204,OG-5267,og-5304,og-5378,OG-5607,og-5624,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,SR 8222,sr-1123,SR-1142,SR-1142 EU,SR-1149,SR-1275,SR-1299 EU,SR-1347 ( RIL),SR-1509,SR-1529,SR-1705,SR-1729,SR-1955,sr-2008 (kcc),sr-2008(mrpl),SR-8208,SR-8213-EU,tetra iso-propyl titanate(tpt),tpt based titanates,tyzor - pita-sm,Tyzor - TPT-15 B,Tyzor - TPT-20 B,UNICOR-C,unicor-j eu

**12. Work of Control Measures In Progress :** Nothing in Progress

**13. Upgradation / Addition of PCM is Required :** Nothing Suggested

**14. HAZ Waste Disposal(in Metric Tonne):** Co-Incineration Waste to other Industry=106.580,Trucks despatched=61

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	632.730-M.T	
FUE	LDO	ldo	96.581-KLT	
GAS		HCL	0.080-KGS	
GAS		NH3	22.370-KGS	
GAS		NOX	1054.440-KGS	
GAS		PM	1565.500-KGS	

GAS		SO2	1451.760-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	1248.765-M.T	
PRD	571738	da-2258	18.000-M.T	
PRD	571676	da-2301	25.875-M.T	
PRD	571776	da-2351 (malaysia)	3.600-M.T	
PRD	571677	da-2606	4.860-M.T	
PRD	571673	da-2734	1.800-M.T	
PRD	571726	dorf-1938	9.540-M.T	
PRD	571629	dorf-5123(g)	46.792-M.T	
PRD	571626	ipb-19	57.920-M.T	
PRD	571737	og-5202	6.600-M.T	
PRD	571593	og-5204	313.600-M.T	
PRD	571645	og-5267	8.656-M.T	
PRD	571591	og-5304	155.718-M.T	
PRD	571614	og-5378	23.135-M.T	
PRD	571623	og-5607	73.630-M.T	
PRD	571603	og-5624	122.015-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2334.990-M.T	
PRD	571589	sr 2008 takreer	90.000-M.T	
PRD	571775	sr 8222	42.560-M.T	
PRD	571618	sr-1123	89.101-M.T	
PRD	571714	sr-1142	13.899-M.T	
PRD	571766	sr-1142 eu	20.502-M.T	
PRD	571653	sr-1149	17.216-M.T	
PRD	571767	sr-1275	3.600-M.T	
PRD	571780	sr-1299 eu	19.800-M.T	
PRD	571634	sr-1347 ( ril)	84.000-M.T	
PRD	571628	sr-1509	14.400-M.T	
PRD	571744	sr-1529	29.700-M.T	
PRD	571728	sr-1705	4.320-M.T	
PRD	571664	sr-1729	10.740-M.T	
PRD	571627	sr-1955	14.400-M.T	
PRD	571597	sr-2008 (kcc)	77.000-M.T	
PRD	571590	sr-2008(mrpl)	400.800-M.T	
PRD	571785	sr-8208	21.940-M.T	
PRD	571682	sr-8213-eu	35.750-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	426.472-M.T	
PRD	81422	tpt based titanates	502.035-M.T	
PRD	571606	tyzor - pita-sm	19.356-M.T	

PRD	571694	tyzor - tpt-15 b	2.400-M.T	
PRD	571640	tyzor - tpt-20 b	12.482-M.T	
PRD	571660	unicor-c	6.380-M.T	
PRD	571624	unicor-j eu	14.400-M.T	

**Online Manifest Prepared**

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2375339-31/01/2024	GJ12AT6462-31/01/2024		MIXED SOLVENT-20.1 14.056 MTS (20.1)
2374621-31/01/2024	GJ12AT5945-31/01/2024		MIXED SOLVENT-20.1 14.831 MTS (20.1)
2374024-30/01/2024	GJ27X1316-30/01/2024		empty drum-33.3 3.480 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2373832-30/01/2024	HR63B9666-30/01/2024		EMPTY DRUM-33.3 1.820 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2374046-30/01/2024	HR56B2243-30/01/2024		Salt of Ammonium Chloride 29.075 MTS (C2)
2372328-29/01/2024	GJ12AT7006-29/01/2024		Mixed Solvent-20.1 14.583 MTS (20.1)
2373130-29/01/2024	GJ12BW2540-29/01/2024		mixed solvent 20.1 19.850 MTS (20.1)
2372773-29/01/2024	GJ12AT7126-29/01/2024		MIXED SOLVENT-20.1 14.478 MTS (20.1)
2372322-29/01/2024	GJ12Z4646-29/01/2024		Mixed Solvent-20.1 14.626 MTS (20.1)
2373013-29/01/2024	GJ12AW0585-29/01/2024		Distillation Residue-36.4 18.035 MTS (36.1)
2371897-28/01/2024	GJ01LT7172-28/01/2024		empty drums 33.3 3.600 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2371786-28/01/2024	GJ01JT7172-28/01/2024		EMPTY DRUM-33.3 4.330 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2369135-25/01/2024	GJ12BT2909-25/01/2024		EMPTY DRUM-33.3 3.145 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2369339-25/01/2024	GJ01JT7788-25/01/2024		EMPTY DRUM-33.3 4.000 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2368868-25/01/2024	GJ12Z4646-25/01/2024		Salt of Ammonium Chloride 14.431 MTS (20.1)
2369383-25/01/2024	HR56B0451-25/01/2024		Salt of Ammonium Chloride 31.390 MTS (C2)

2368181-24/01/2024	GJ12BT2909-24/01/2024	EMPTY DRUM-33.3 1.305 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2368098-24/01/2024	GJ12AT6462-24/01/2024	Mixed solvent-20.1 16.020 MTS (20.1)
2368288-25/01/2024	GJ12AT7126-24/01/2024	Mixed solvent 20.1 15.141 MTS (20.1)
2367794-24/01/2024	HR645215-24/01/2024	Salt of ammonium chloride 22.420 MTS (C2)
2366938-23/01/2024	HR56B6082-23/01/2024	Salt of ammonium Chloride 29.655 MTS (C2)
2366913-23/01/2024	GJ19X1178-23/01/2024	PROCESS RESIDUE-28.1 15.275 MTS (28.1)
2366044-22/01/2024	GJ01JT7271-22/01/2024	EMPTY DRUMS 33.3 2.140 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2364364-20/01/2024	GJ03AT2447-20/01/2024	empty drums 33.3 0.950 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2364433-20/01/2024	PB13AL5707-20/01/2024	Salt of Ammonium Chloride 28.455 MTS (C2)
2363297-20/01/2024	GJ01JT7788-19/01/2024	Empty Drums-33.3 3.890 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2363304-19/01/2024	HR65A8880-19/01/2024	Salt Of Ammonium Chloride 30.440 MTS (C2)
2361398-18/01/2024	GJ18AU7744-18/01/2024	Sodium Bi-sulphide Solution B-23 25.200 MTS (B23)
2362047-18/01/2024	HR56B3810-18/01/2024	Salt of Ammonium Chloride 29.150 MTS (C2)
2360973-17/01/2024	GJ01KT7172-17/01/2024	empty drum-33.3 3.490 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2360688-17/01/2024	GJ03AT2447-17/01/2024	EMPTY DRUM-33.3 2.595 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2361158-17/01/2024	GJ15AT8695-17/01/2024	process waste 28.1 7.290 MTS (28.1)
2359937-16/01/2024	HR56B2243-16/01/2024	Salt of Ammonium Chloride 26.430 MTS (C2)
2359727-16/01/2024	GJ03AT2447-16/01/2024	EMPTY DRUM-33.3 1.345 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2359930-16/01/2024	GJ23Y5573-16/01/2024	Filters and Filters material -35.1 16.840 MTS (35.1)
2359971-16/01/2024	GJ01JT7788-16/01/2024	EMPTY DRUM-33.3 4.025 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2358793-15/01/2024	GJ03AT2447-15/01/2024	EMPTY DRUM-33.3 2.570 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2357873-13/01/2024	GJ03AT2447-13/01/2024	Empty Drums-33.3 1.395 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2336897-12/01/2024	GJ03AT2447-12/01/2024	EMPTY DRUM-33.3 1.415 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2336982-12/01/2024	HR645215-12/01/2024	Salt of Ammonium Chloride 22.205 MTS (C2)
2336892-12/01/2024	GJ01KT7172-12/01/2024	EMPTY DRUM-33.3 3.580 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2336905-12/01/2024	HR63B9666-12/01/2024	EMPTY DRUM-33.3 2.420 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2336014-11/01/2024	HR56B0451-11/01/2024	salt of ammonium chloride 30.425 MTS (C2)
2335611-11/01/2024	GJ03AT2447-11/01/2024	EMPTY DRUM-33.3 1.325 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2335490-11/01/2024	GJ23Y5573-11/01/2024	Process Residue-28.1 15.830 MTS (28.1)
2334856-10/01/2024	GJ01JT7172-10/01/2024	empty drums 33.3 2.035 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2334323-10/01/2024	GJ01KT7172-10/01/2024	Empty Drums-33.3 3.990 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2333132-09/01/2024	GJ01LT7172-09/01/2024	EMPTY DRUM-33.3 3.945 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2333672-09/01/2024	HR56B6082-09/01/2024	Salt Of Ammonium Chloride 32.220 MTS (C2)
2333477-09/01/2024	GJ03AT2447-09/01/2024	Empty Drums-33.3 1.360 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2332727-09/01/2024	GJ16AV7857-09/01/2024	Mixed Solvent-20.1 20.000 MTS (20.1)
2331895-08/01/2024	GJ01JT7172-08/01/2024	Empty Drums-33.3 1.850 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2330478-06/01/2024	GJ01KT7172-06/01/2024	EMPTY DRUM-33.3 4.005 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2330741-06/01/2024	GJ01JT7271-06/01/2024	Empty Drums-33.3 3.885 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2329668-05/01/2024	DN09U9179-05/01/2024	Process Residue-28.1 16.630 MTS (36.1)
2328596-04/01/2024	HR56B3810-04/01/2024	Salt of Ammonium Chloride 30.905 MTS (C2)

2327561-03/01/2024	PB13AL5707-03/01/2024		Salt of Ammonium Chloride 30.860 MTS (C2)
2326614-02/01/2024	HR645215-02/01/2024		Salt of Ammonium Chloride 22.125 MTS (C2)
2325944-01/01/2024	GJ09AV3708-01/01/2024		process residue 28.1 16.830 MTS (28.1)
2325804-01/01/2024	GJ12BT2909-01/01/2024		EMPTY DRUM-33.3 1.595 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2325936-01/01/2024	GJ09AV3708-01/01/2024		process residue 28.1 16.830 MTS (28.1)
2325769-01/01/2024	GJ03AT2447-01/01/2024		EMPTY DRUM-33.3 2.125 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)



**1. Name & address of Industry :** Dorf Ketel Chemicals (India) Pvt. Ltd. (New Name),  
S no-141/P,MPSEZS no-141/P,MPSEZ,  
Mundra - 370421  
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

**PCB ID : 29005**

**2. Phone No. :** 9928088180

**3. Date of commencement of Manufacturing process :** 01/04/2011

**4. CTEs No. & Date :** CER-122930,10/07/2027

**5. CCA No. & Date of Expiry :** W-125949, 14/04/2026

**6. Water Cess (with Interest) paid up to which Period :** 2017-2018

**7. Laboratory charges pending if any :** 0

**8. Water consumed during the month (by all sources )in KL :** Meter Reading=1067815,Kilo Litre=10603  
**Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable :** 8457 / 402 / 1744 / 0

**9. Electricity consumed in PRODUCTION :** 1042982 **ETP/CETP :** 54828 **APCM :** 15250

**9A. Stack attached to :** Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

**10. Fuel consumed during the month :** Coal,ldo

**11. Products :** Actify 2624,cold filter plug point (cfpp) products (anti freezing oil additives),DA-2305,DA-2663,da-7641,IPB-19,og-5204,OG-5267,og-5304,og-5378,og-5383,OG-5607,OG-5615,og-5624,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),SR 1926,sr 2008 takreer,SR 8222,SR-1114,sr-1123,SR-1200 (RPL),SR-1204,SR-1234,SR-1255,SR-1288,SR-1299 EU,SR-1303 EU,SR-1509,SR-1529,SR-1558,SR-1690,SR-1690 Europe,sr-2008 (kcc),sr-2008(mrpl),SR-6013,SR-6014,SR-8213-EU,tetra iso-propyl titanate(tpt),tpt based titanates,UNICOR-C,UNICOR-J(HPCL)

**12. Work of Control Measures In Progress :** Nothing in Progress

**13. Upgradation / Addition of PCM is Required :** Nothing Suggested

**14. HAZ Waste Disposal(in Metric Tonne):** Co-Incineration Waste to other Industry=109.250,Trucks dispatched=48

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	544.400-M.T	
FUE	LDO	ldo	85.137-KLT	
GAS		HCL	0.050-KGS	
GAS		NH3	17.450-KGS	
GAS		NOX	1083.690-KGS	
GAS		PM	1585.070-KGS	

GAS		SO2	1464.550-KGS	
PRD	571795	actify 2624	40.000-M.T	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	734.782-M.T	
PRD	571680	da-2305	2.160-M.T	
PRD	571763	da-2663	3.040-M.T	
PRD	571630	da-7641	11.400-M.T	
PRD	571626	ipb-19	36.200-M.T	
PRD	571593	og-5204	382.700-M.T	
PRD	571645	og-5267	12.924-M.T	
PRD	571591	og-5304	50.860-M.T	
PRD	571614	og-5378	21.000-M.T	
PRD	571608	og-5383	71.632-M.T	
PRD	571623	og-5607	50.000-M.T	
PRD	571647	og-5615	6.045-M.T	
PRD	571603	og-5624	40.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2474.996-M.T	
PRD	571693	sr 1926	4.500-M.T	
PRD	571589	sr 2008 takreer	194.500-M.T	
PRD	571775	sr 8222	123.289-M.T	
PRD	571774	sr-1114	3.600-M.T	
PRD	571618	sr-1123	32.009-M.T	
PRD	571688	sr-1200 (rpl)	25.200-M.T	
PRD	571648	sr-1204	4.000-M.T	
PRD	571704	sr-1234	5.600-M.T	
PRD	571642	sr-1255	7.200-M.T	
PRD	571700	sr-1288	3.600-M.T	
PRD	571780	sr-1299 eu	16.200-M.T	
PRD	571786	sr-1303 eu	7.200-M.T	
PRD	571628	sr-1509	9.000-M.T	
PRD	571744	sr-1529	10.800-M.T	
PRD	571681	sr-1558	1.980-M.T	
PRD	571697	sr-1690	90.360-M.T	
PRD	571792	sr-1690 europe	80.000-M.T	
PRD	571597	sr-2008 (kcc)	152.000-M.T	
PRD	571590	sr-2008(mrpl)	30.000-M.T	
PRD	571719	sr-6013	9.000-M.T	
PRD	571720	sr-6014	5.250-M.T	
PRD	571682	sr-8213-eu	57.146-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	284.043-M.T	

PRD	81422	tpt based titanates	312.087-M.T	
PRD	571660	unicor-c	6.480-M.T	
PRD	571716	unicor-j(hpcl)	1.900-M.T	

**Online Manifest Prepared**

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2425922-29/02/2024	HR645215-29/02/2024		Salt of Ammonium Chloride 20.180 MTS (C2)
2425892-29/02/2024	GJ01JT7172-29/02/2024		empty drum-33.3 4.035 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2426003-29/02/2024	HR63B9666-29/02/2024		Empty Drum 33.3 2.085 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2424887-28/02/2024	HR56B6082-28/02/2024		salt of ammonium chloride 27.305 MTS (C2)
2423589-27/02/2024	GJ01JT7172-27/02/2024		Empty Drums- 33.3 3.715 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2423535-27/02/2024	HR56A8192-27/02/2024		Salt of Ammonium chloride 22.670 MTS (C2)
2422401-26/02/2024	RJ02GA6130-26/02/2024		Process Residue-28.1 15.440 MTS (28.1)
2422457-26/02/2024	HR38T2641-26/02/2024		Salt of Ammonium Chloride 19.370 MTS (C2)
2420459-24/02/2024	GJ15AT8695-24/02/2024		Process Residue-28.1 8.010 MTS (28.1)
2419489-23/02/2024	GJ01KT7172-23/02/2024		EMPTY DRUM-33.3 3.575 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2419499-23/02/2024	GJ01JT7172-23/02/2024		EMPTY DRUM-33.3 4.065 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2419500-23/02/2024	GJ01JT7172-23/02/2024		EMPTY DRUM-33.3 4.065 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2419487-23/02/2024	GJ12BT2909-23/02/2024		EMPTY DRUM-33.3 2.995 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2418295-22/02/2024	GJ01JT7788-22/02/2024		EMPTY DRUM-33.3 2.410 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2418077-22/02/2024	GJ01LT7172-22/02/2024		EMPTY DRUM-33.3 4.020 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2417331-21/02/2024	GJ19X1178-21/02/2024		Process Waste-28.1 18.270 MTS (28.1)
2417329-21/02/2024	HR65A8880-21/02/2024		Salt of Ammonium Chloride 28.365 MTS (C2)



Date : 20/03/2024

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Company Seal

Authorised Signatory

Yours Faithfully

2415957-20/02/2024	GJ01KT7172-20/02/2024	Empty Barrel-33.3 4.060 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2413378-17/02/2024	GJ01JT7788-17/02/2024	Empty Drums 33.3 2.125 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2409475-14/02/2024	GJ12AT5945-14/02/2024	MIXED SOLVENT-20.1 15.016 MTS (20.1)
2408684-13/02/2024	GJ12AT7006-13/02/2024	MIXED SOLVENT-20.1 14.891 MTS (20.1)
2408853-13/02/2024	GJ01KT7172-13/02/2024	empty drum-33.3 4.015 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2408983-13/02/2024	GJ01JT7172-13/02/2024	empty drum 33.3 3.665 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2408858-13/02/2024	GJ09AV3708-13/02/2024	Process Waste-28.1 17.185 MTS (28.1)
2408591-13/02/2024	GJ12Z4646-13/02/2024	Mixed Solvent-20.1 14.394 MTS (20.1)
2407715-12/02/2024	GJ15AT8695-12/02/2024	PROCESS RESIDUE-28.1 7.710 MTS (28.1)
2406264-11/02/2024	GJ16AU3681-11/02/2024	MIXED SOLVENT-20.1 19.345 MTS (20.1)
2404910-09/02/2024	GJ01BV2809-09/02/2024	EMPTY DRUMS 33.3 3.615 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2404821-09/02/2024	GJ12AW7831-09/02/2024	Mixed Solvent-20.1 14.696 MTS (20.1)
2404808-09/02/2024	GJ12BW2540-09/02/2024	Mixed Solvent-20.1 20.020 MTS (20.1)
2402250-07/02/2024	PB13AL5707-07/02/2024	Salt of Ammonium Chloride 28.450 MTS (C2)
2402606-07/02/2024	GJ12BT2909-07/02/2024	Empty Drums-33.3 1.835 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2401717-07/02/2024	GJ01JT7788-07/02/2024	Empty drum-33.3 2.475 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2401304-06/02/2024	GJ03AT2447-06/02/2024	EMPTY DRUM-33.3 1.495 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2401437-06/02/2024	GJ12AT7126-06/02/2024	Mixed Solvent-20.1 14.991 MTS (20.1)
2401439-06/02/2024	GJ12Z4646-06/02/2024	Mixed Solvent-20.1 14.288 MTS (20.1)
2401083-06/02/2024	GJ12BT2909-06/02/2024	EMPTY DRUM-33.3 1.445 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2401374-06/02/2024	GJ01JT7172-06/02/2024	Empty Drums 33.3 4.025 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2400053-05/02/2024	GJ12AT7006-05/02/2024	MIXED SOLVENT-20.1 15.076 MTS (20.1)
2399833-05/02/2024	GJ12AT5945-05/02/2024	Mixed Solvent-20.1 15.571 MTS (20.1)
2399799-05/02/2024	GJ12BT2909-05/02/2024	Empty barrel-33.3 1.135 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2398458-03/02/2024	GJ03AT2447-03/02/2024	Empty Drum-33.3 1.495 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2398465-03/02/2024	HR38T2641-03/02/2024	Salt OF Ammonium Chlorid 24.720 MTS (C2)
2397215-02/02/2024	GJ23Y5573-02/02/2024	PROCESS RESIDUE-28.1 16.415 MTS (28.1)
2397493-02/02/2024	HR56B6082-02/02/2024	Salt of Ammonium Chloride 30.205 MTS (C2)
2397525-02/02/2024	GJ12BT2909-02/02/2024	EMPTY DRUM-33.3 1.450 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2397568-02/02/2024	DN09U9179-02/02/2024	Distillation Residue-36.4 16.755 MTS (36.1)
2375610-01/02/2024	HR56B3810-01/02/2024	Salt of Ammonium Chloride 28.755 MTS (C2)
2376311-01/02/2024	GJ01BY5274-01/02/2024	Process Residue-28.1 9.800 MTS (28.1)

**1. Name & address of Industry :** Dorf Ketel Chemicals (India) Pvt. Ltd. (New Name),  
S no-141/P,MPSEZS no-141/P,MPSEZ,  
Mundra - 370421  
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

**PCB ID : 29005**

**2. Phone No. :** 9928088180

**3. Date of commencement of Manufacturing process :** 01/04/2011

**4. CTEs No. & Date :** CER-122930,10/07/2027

**5. CCA No. & Date of Expiry :** W-125949, 14/04/2026

**6. Water Cess (with Interest) paid up to which Period :** 2017-2018

**7. Laboratory charges pending if any :** 0

**8. Water consumed during the month (by all sources )in KL :** Meter Reading=1080253,Kilo Litre=12438

**Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable :** 10185 / 428 / 1825 / 0

**9. Electricity consumed in PRODUCTION :** 1370414 **ETP/CETP :** 59920 **APCM :** 16286

**9A. Stack attached to :** Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

**10. Fuel consumed during the month :** Coal,ldo

**11. Products :** cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DA-2266,DA-2663,DORF-5123(G),IPB-19,og-5204,OG-5267,og-5304,og-5378,og-5383,OG-5607,og-5624,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,SR 8222,SR-1114,sr-1123,SR-1142 EU,SR-1149,SR-1167,SR-1200 (GENERAL),SR-1200 (RPL),SR-1225 EU,SR-1529,SR-1544,SR-1558,SR-1714 ND EU,sr-2008 (kcc),sr-2008 (mrpl),SR-8212,tetra iso-propyl titanate(tpt),tpt based titanates,tyzor - pita-sm,UNICOR-C

**12. Work of Control Measures In Progress :** Nothing in Progress

**13. Upgradation / Addition of PCM is Required :** Nothing Suggested

**14. HAZ Waste Disposal(in Metric Tonne):** INC. Waste for Incineration=2.700,Co-Incineration Waste to other Industry=198.900,Recyclable to Regd Recyclers=582.580,Trucks despatched=56

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	616.600-M.T	
FUE	LDO	ldo	94.699-KLT	
GAS		HCL	0.050-KGS	
GAS		NH3	20.030-KGS	
GAS		NOX	1175.410-KGS	
GAS		PM	1694.270-KGS	

GAS		SO2	1543.070-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	144.000-M.T	
PRD	571738	da-2258	7.030-M.T	
PRD	571739	da-2266	8.056-M.T	
PRD	571763	da-2663	1.900-M.T	
PRD	571629	dorf-5123(g)	7.000-M.T	
PRD	571626	ipb-19	53.968-M.T	
PRD	571593	og-5204	444.110-M.T	
PRD	571645	og-5267	6.491-M.T	
PRD	571591	og-5304	64.750-M.T	
PRD	571614	og-5378	46.320-M.T	
PRD	571608	og-5383	23.440-M.T	
PRD	571623	og-5607	50.100-M.T	
PRD	571603	og-5624	25.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	3019.500-M.T	
PRD	571589	sr 2008 takreer	200.000-M.T	
PRD	571775	sr 8222	66.092-M.T	
PRD	571774	sr-1114	1.980-M.T	
PRD	571618	sr-1123	145.156-M.T	
PRD	571766	sr-1142 eu	13.663-M.T	
PRD	571653	sr-1149	16.455-M.T	
PRD	571641	sr-1167	19.874-M.T	
PRD	571773	sr-1200 (general)	7.200-M.T	
PRD	571688	sr-1200 (rpl)	23.400-M.T	
PRD	571798	sr-1225 eu	3.600-M.T	
PRD	571744	sr-1529	15.300-M.T	
PRD	571718	sr-1544	40.672-M.T	
PRD	571681	sr-1558	36.000-M.T	
PRD	571655	sr-1714 nd eu	6.200-M.T	
PRD	571597	sr-2008 (kcc)	100.000-M.T	
PRD	571590	sr-2008(mrpl)	40.000-M.T	
PRD	571745	sr-8212	20.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	719.504-M.T	
PRD	81422	tpt based titanates	578.333-M.T	
PRD	571606	tyzor - pita-sm	96.125-M.T	
PRD	571660	unicor-c	26.480-M.T	

**Online Manifest Prepared**

<b>MF ID-Date</b>	<b>Truck No-Date</b>	<b>TSDF Name</b>	<b>H.W Remark / Qty</b>
2466955-31/03/2024	GJ01JT7172-31/03/2024		empty drums 33.3 2.070 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2465702-30/03/2024	DD01E9423-30/03/2024		Process Residue-28.1 27.425 MTS (28.1)
2464015-29/03/2024	GJ12BT7460-28/03/2024		Landfilling Waste( Insulation Waste) 2.690 MTS (35.1)
2463823-28/03/2024	GJ03BV0965-28/03/2024		Empty Drums-33.3 1.975 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2463828-28/03/2024	GJ03AT2447-28/03/2024		Empty Drums-33.3 1.605 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2463809-28/03/2024	GJ12AT6462-28/03/2024		Mixd Solvent-20.1 14.896 MTS (20.1)
2463607-28/03/2024	HR56A6168-28/03/2024		Salt Of Ammunium Chloride 23.485 MTS (C2)
2463748-28/03/2024	RJ02GA6130-28/03/2024		Distillation Residue-36.4 15.550 MTS (36.1)
2463526-28/03/2024	GJ12AW7831-28/03/2024		Mixed Solvent- 20.1 14.871 MTS (20.1)
2462460-27/03/2024	GJ01JT7788-27/03/2024		Empty drum 3.840 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2462525-27/03/2024	GJ03AT2447-27/03/2024		EMPTY DRUM 2.550 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2461817-26/03/2024	GJ01KT7172-26/03/2024		Empty Drums-33.3 3.845 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2460992-25/03/2024	GJ15XX3238-25/03/2024		Empty Drums-33.3 2.035 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2459222-22/03/2024	GJ01KT7172-22/03/2024		Empty Drum-33.3 3.900 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2459056-22/03/2024	GJ01LT7172-22/03/2024		Empty drums-33.3 3.855 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2459255-22/03/2024	HR645215-22/03/2024		Salt of Ammonium Chloride 21.540 MTS (C2)
2458279-21/03/2024	HR65A8880-21/03/2024		Salt Of Ammunium Chloride 29.535 MTS (C2)
2457736-21/03/2024	RJ02GA6130-21/03/2024		Distillation Residue-36.4 16.000 MTS (36.1)



2457434-21/03/2024	GJ34T6969-21/03/2024		Process Residue-28.1 32.700 MTS (28.1)
2456555-20/03/2024	GJ12AW0585-20/03/2024		Process Residue-28.1 17.545 MTS (28.1)
2456993-20/03/2024	HR64A5653-20/03/2024		Salt Of ammuniuM Chloride 22.320 MTS (C2)
2455620-19/03/2024	GJ01JT7172-19/03/2024		EMPTY DRUM-33.3 2.040 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2455906-19/03/2024	HR56B6082-19/03/2024		Salt Of AmmuniuM Chloride 27.190 MTS (C2)
2455806-19/03/2024	GJ12AT7188-19/03/2024		Mixed Solvent-20.1 15.060 MTS (20.1)
2444462-18/03/2024	GJ12AT7126-18/03/2024		MIXED SOLVENT-20.1 16.425 MTS (20.1)
2444676-18/03/2024	HR56B0206-18/03/2024		Salt Of AmmuniuM Chloride 30.910 MTS (C2)
2444310-18/03/2024	GJ01JT7788-18/03/2024		Empty Drums-33.3 4.205 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2441765-15/03/2024	HR56A7220-15/03/2024		Salt of ammoniuM chloride 28.445 MTS (C2)
2440902-15/03/2024	HR56B0451-15/03/2024		Salt of AmmuniuM Chloride 31.435 MTS (C2)
2441734-15/03/2024	GJ03AT2447-15/03/2024		empty drum 33.3 1.340 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2441104-15/03/2024	GJ12Z4646-15/03/2024		MIXED SOLVENT-20.1 15.201 MTS (20.1)
2441709-15/03/2024	GJ01KT7172-15/03/2024		Empty Drums-33.3 3.880 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2441620-15/03/2024	GJ12AT6462-15/03/2024		Mixed Solvent-20.1 15.121 MTS (20.1)
2441627-15/03/2024	GJ01LT7172-15/03/2024		Empty Drums-33.3 3.875 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2441264-15/03/2024	GJ01JT7788-15/03/2024		Empty Drums-33.3 2.010 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2440300-14/03/2024	GJ12AT5945-14/03/2024		Mixed Solvent-20.1 15.261 MTS (20.1)
2439211-13/03/2024	GJ12AW7831-13/03/2024		MIXED SOLVENT-20.1 15.146 MTS (20.1)
2439499-13/03/2024	GJ12AU6012-13/03/2024		MIXED SOLVENT 20.1 15.146 MTS (20.1)

2439485-13/03/2024	GJ01KT7172-13/03/2024	empty drum 33.3 1.755 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2439445-13/03/2024	HR645215-13/03/2024	salt of ammonium chloride 22.890 MTS (C2)
2439467-13/03/2024	GJ12AW0585-13/03/2024	process residue-28.1 15.955 MTS (28.1)
2438394-12/03/2024	PB13AL5707-12/03/2024	salt of ammonium chloride 30.980 MTS (C2)
2438280-12/03/2024	GJ15AT8695-12/03/2024	PROCESS RESIDUE-28.1 7.570 MTS (28.1)
2438328-12/03/2024	GJ12BT2909-12/03/2024	empty drum 33.3 2.960 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2436733-11/03/2024	GJ01JT7788-11/03/2024	EMPTY DRUM-33.3 3.930 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2437179-11/03/2024	HR56A8192-11/03/2024	salt of ammonium chloride 23.745 MTS (C2)
2433382-07/03/2024	HR65A8880-07/03/2024	Salt of Ammonium Chloride 29.185 MTS (C2)
2433194-07/03/2024	DN09U9179-07/03/2024	Process Residue-28.1 15.860 MTS (28.1)
2432133-06/03/2024	HR56B0206-06/03/2024	Salt of Ammonium Chloride 29.535 MTS (C2)
2432128-06/03/2024	GJ01LT7172-06/03/2024	EMPTY DRUM-33.3 3.995 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2430670-05/03/2024	GJ12BT2909-05/03/2024	EMPTY DRUM-33.3 1.565 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2430245-05/03/2024	GJ34T4869-05/03/2024	Process Residue-28.1 33.270 MTS (28.1)
2429923-04/03/2024	HR56B0451-04/03/2024	Salt Of Ammonium Chloride 30.780 MTS (C2)
2429621-04/03/2024	GJ01JT7172-04/03/2024	EMPTY DRUM-33.3 3.475 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2429768-04/03/2024	GJ01LT7172-04/03/2024	empty drum-33.3 2.775 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2426979-01/03/2024	RJ02GA6130-01/03/2024	Distillation Residue-36.4 17.460 MTS (36.1)

# **Annexure – 10A**

HEALTH CHECK UP

Name : Rudheshyam Singh Profile : \_\_\_\_\_

Age / Sex : 40 / M. Ref. by : \_\_\_\_\_

Date : \_\_\_\_\_ EmailID : \_\_\_\_\_

Complaints (if any) : NAD

Known Disease HTN / DM / IHD / Arthritis / Hypothyroid / Any Other :  
NAD

Present Medications : NAD

Hypersensitivity and drug : NAD

Personal History : Bowel : Constipation Diet : Normal Diet

Micturition : Normal Habits : NO

Sleep : Good Physical Activity / Exercise : Walking

Appetite : Good

Past History (Up Past Medications): Tuberculosis / Jaundice / Blood Transfusion / Hospitalisation / Surgery:  
NAD

Family History: HTN / DM / IHD / Stroke / Cancer / Asthma / Epilepsy / Others :  
NAD

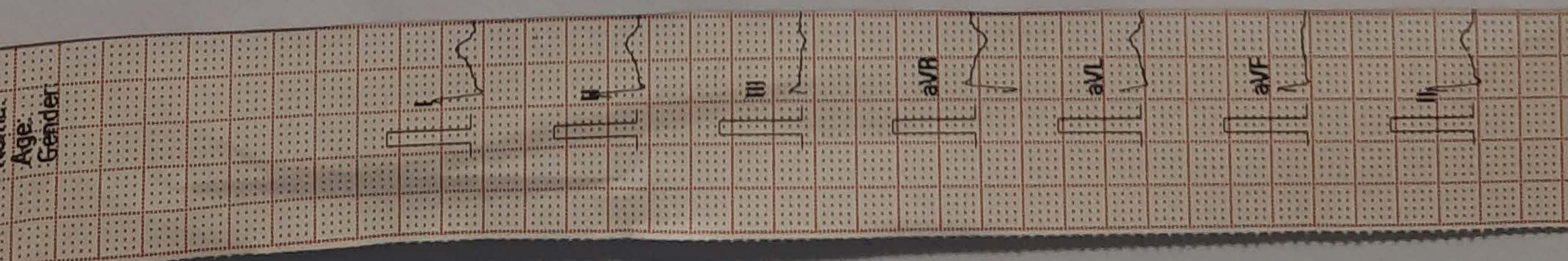
Vital Signs:

Height : .....cms Weight : .....kgs BMI : .....

Chest measurement : .....cms Inspiration : .....cms Expiration : .....cms

Pulse : 67 /min BP : 136/90 minHg.

(1)



HEALTH CHECK UP

General Examinations :

Skin : Normal.  
Sclera : White.  
Teeth and Gums : \_\_\_\_\_  
Puffiness of Face : \_\_\_\_\_

Normal.

Nail : \_\_\_\_\_  
Pedal Oedema : \_\_\_\_\_  
Lymphadenopathy : \_\_\_\_\_

Respiratory System :

Air Entry : B/L AEP  
Breathing : Normal.  
Extra Sounds : NO

Cardiovascular System :

Heart : Slight  
Peripheral Pulsation : \_\_\_\_\_

Abdomen :

Contour : \_\_\_\_\_  
Tenderness : \_\_\_\_\_  
Free Fluid : \_\_\_\_\_  
Liver / Spleen / Kidney / Lump : \_\_\_\_\_

Normal.

Central Nervous System :

Higher Function : \_\_\_\_\_  
Cranial Nerves : \_\_\_\_\_  
Motor System : \_\_\_\_\_  
Sensory System : \_\_\_\_\_  
Reflexes : \_\_\_\_\_

Normal.

CONCLUSIONS : A. D<sub>2</sub> Saclet one ant

RECOMMENDATIONS : Cap Enim - 400 mg  
Ibuprofen - 400 mg

300  
SCPT, PFT - after 1 week  
And after 1 month

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Adani Hospitals  
Mundra

adani

Adani Hospitals - Mundra

Adani Hospitals  
Mundra

Healthcare DEPARTMENT OF RADIOLOGY Department of Radiology

NAME : RADHASHY 30059195 AGE : 39 YEARS SEX : MALE  
SM NO. : 206225 LOCATION : OPD ADM NO. : - EXAM NO. : 39120  
REFERRED BY : DR.HARDIK JOBANPUTRA ORDER NO. : 1864175 DATE : 28/03/2024

### USG ABDOMEN WITH PELVIS

**Liver** : normal in size and echotexture. **Mild diffuse fatty infiltration** of any focal or diffuse lesion noted.  
Intrahepatic biliary tree and venous radicals are normal. Portal vein and CBD appear normal in calibre.

**Gall bladder** : distended, normal in size with a normal wall thickness. No calculus seen.

**Pancreas** : normal in size and echotexture.

**Spleen** : normal in size and echotexture. Splenic vein is normal in calibre at hilum.

**Both Kidneys** : Both kidneys are normal in size, position and echotexture. Cortical thickness is normal.  
Corticomedullary differentiation is normal. No calculus or hydronephrosis noted.

**U.Bladder** : appears distended, normal in contour and wall thickness. No calculus seen.

**Prostate** : Normal in size and echotexture. No focal lesion seen.

#### COMMENT :

- Fatty liver grade 1  
Clinical -pathological correlation.



Dr. Anup Kurele

(Consultant Radiologist)

Report printed on :

29/03/2024 05:05 PM

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Adani Hospitals Mundra Limited  
Nr. Samudra Township, Old Port Road,  
Mundra - 370421, Gujarat, India.

Ph +91 2838 61 9555  
info@adanihospitals.com  
www.mundra.adanihospitals.com

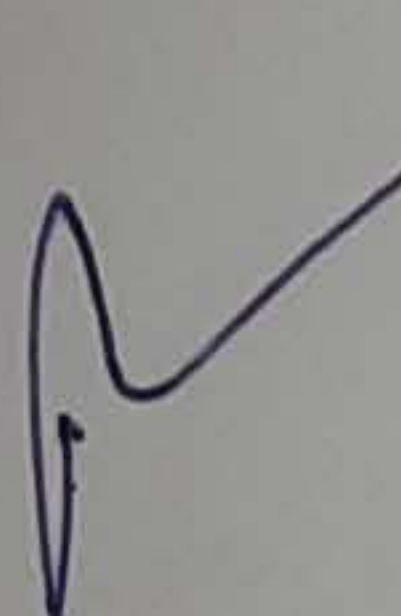
This is an electronically authenticated Report

Registered Office: Adani Corporate House, Shantigram, Nr. Vaishnav Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421, Gujarat, India

NAME : RADHASHY 30059195 AGE : 39 YEARS SEX : MALE  
SM NO. : 206225 LOCATION : OPD ADM NO. : - EXAM NO. : 2612  
REFERRED BY : DR.HARDIK JOBANPUTRA ORDER NO. : 1864175 DATE : 28/03/2024

**2D Echocardiography Screening**

Mitral Valve: Normal  
Aortic Valve: Normal  
Tricuspid Valve: Normal  
Pulmonary Valve: Normal  
Left Atrium: Normal  
Left Ventricle: No RWMA at Rest  
Right Atrium: Normal  
Right Ventricle: Normal  
IVS: Intact  
IAS: Intact  
Pericardium: No e/o pericardial effusion  
No e/o Tamponade or Constriction  
LVEF: 56%

  
Dr. Poonam Kanojia  
MD - INTENSIVE &  
ANESTHETIST  
Reg. No.: G-82083  
ADANI HOSPITALS MUNDRA LTD.

Report printed on :

28/03/2024 05:27 PM

Page 1

Adani Hospitals Mundra Limited  
Nr. Samudra Township, Old Port Road,  
Mundra - 370421, Gujarat, India.

Ph +91 2838 61 9555  
info@adanihospitals.com  
www.mundra.adanihospitals.com

This is an electronically authentic

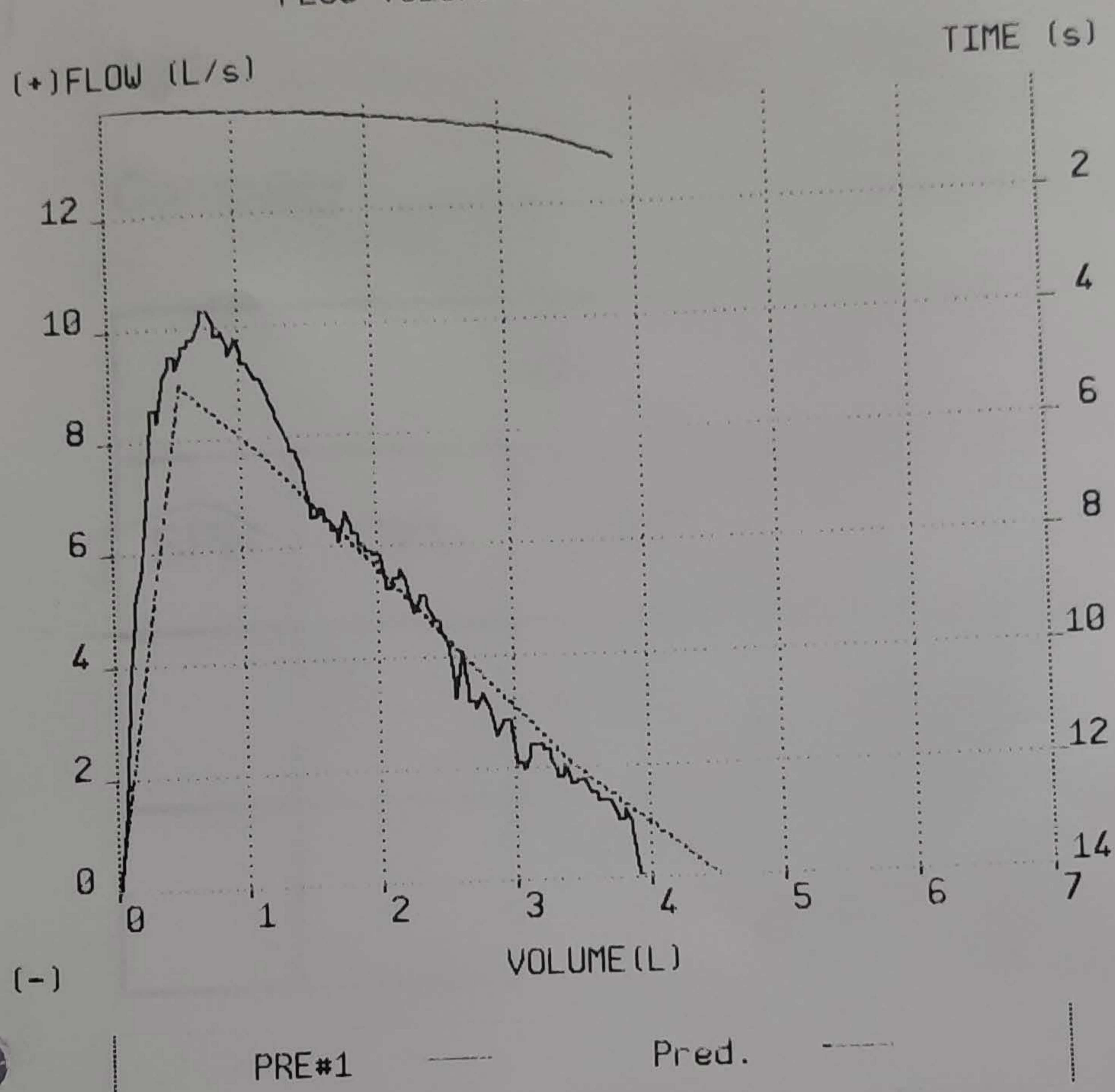
Registered Office: Adani Corporate House, Shantigram, Nr. Vaishnav Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421, Gujarat

ADANI HOSPITAL MUNDRA PVT LTD.

Test Date 28/03/2024 18:39 BTPS 1.092 ATS/ERS  
 Name singh radheshyam #ID 206225  
 Birth Date 19/06/1984 Weight kg 82 Gender ♂  
 Age 39 Height cm 172 Predicted ERS  
 Origin No group selected  
 PRE File N° 2307

Singh  
 te : 2

FLOW-VOLUME & VOLUME-TIME curves

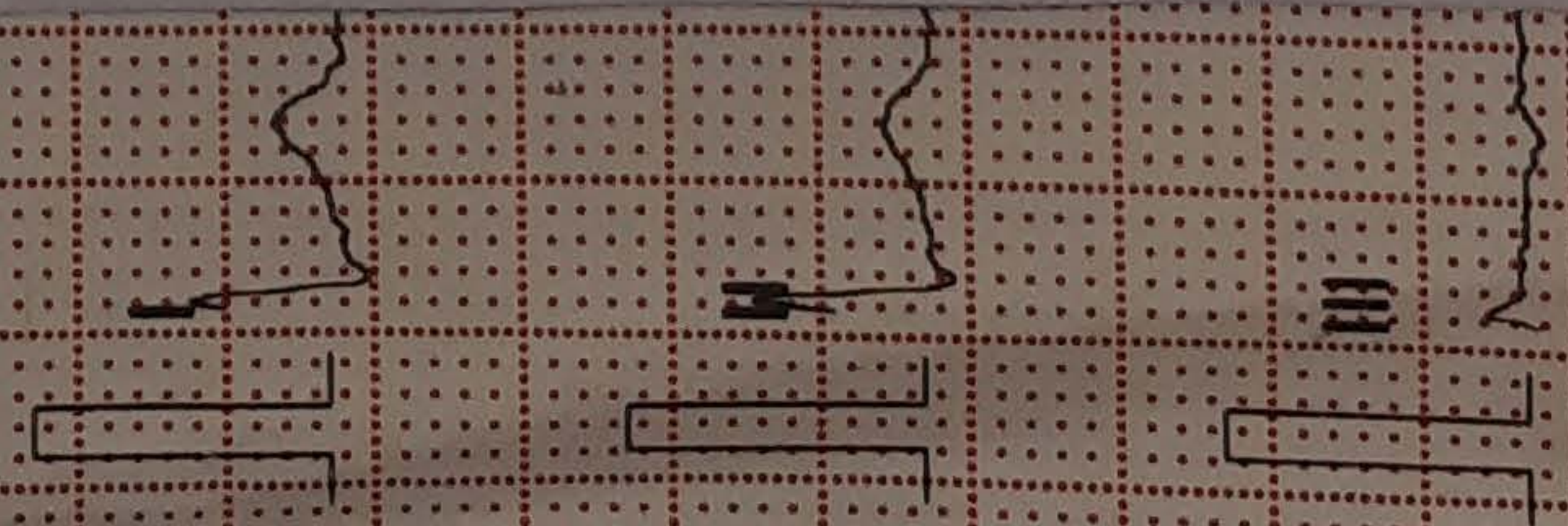


PARAMETER		Predicted	PRE #1	%Pred.
*FVC	L	4.55	3.90	86
*FEV1	L	3.78	3.82	101
*PEF	L/s	9.03	13.23	147
FVC	L	4.55	3.90	86
FEV1	L	3.78	3.82	101
FEV1/FVC	%	80.2	97.9	122

INTERPRETATION:  
 Normal Spirometry  
 QUALITY CONTROL GRADE:F  
 EXHALE for a LONGER time  
 EXHALE ALL air in the lungs  
 REPEATABILITY: PEF

Made by spirolab Ver 4.7 SN J11763

ID: Name: Age: Gender:





EYE CHECKUP

SM No. \_\_\_\_\_

Name : Rachhe shyam Singh

Age : \_\_\_\_\_ Sex: male Date : 28/03/24

Company : \_\_\_\_\_

RE				LE			
SPH	CYL	AXIS	V	SPH	CYL	AXIS	V
	<u>C</u>	<u>6/6</u>				<u>6/6</u>	
		<u>N/6</u>				<u>N/6</u>	

GLASSES : C glasses

REMARKS : N

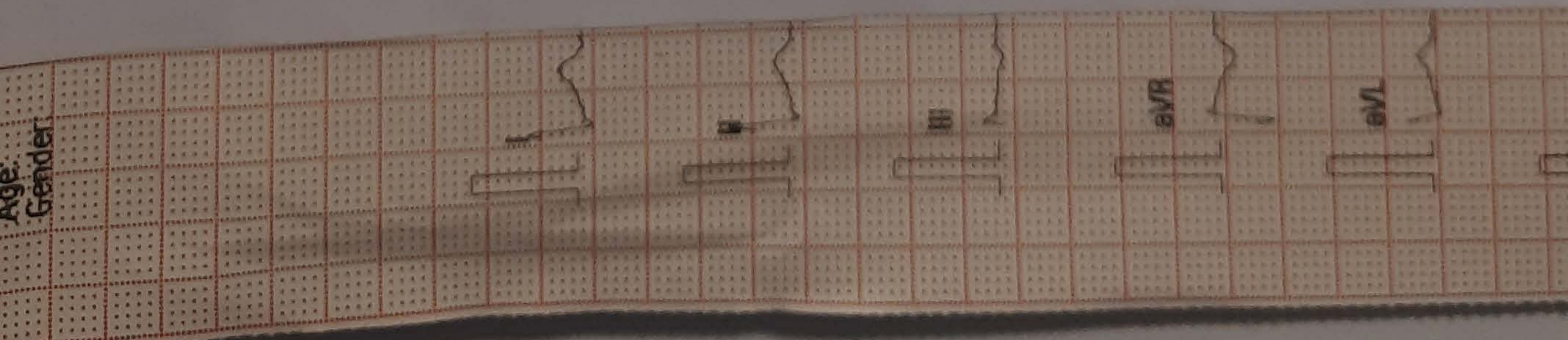
CONTINUOUS/BIFOCLE/NEAR : N

COLOUR VISION : N

Pulse : 67 /min

BP : 110/70 mmHg.

(1)



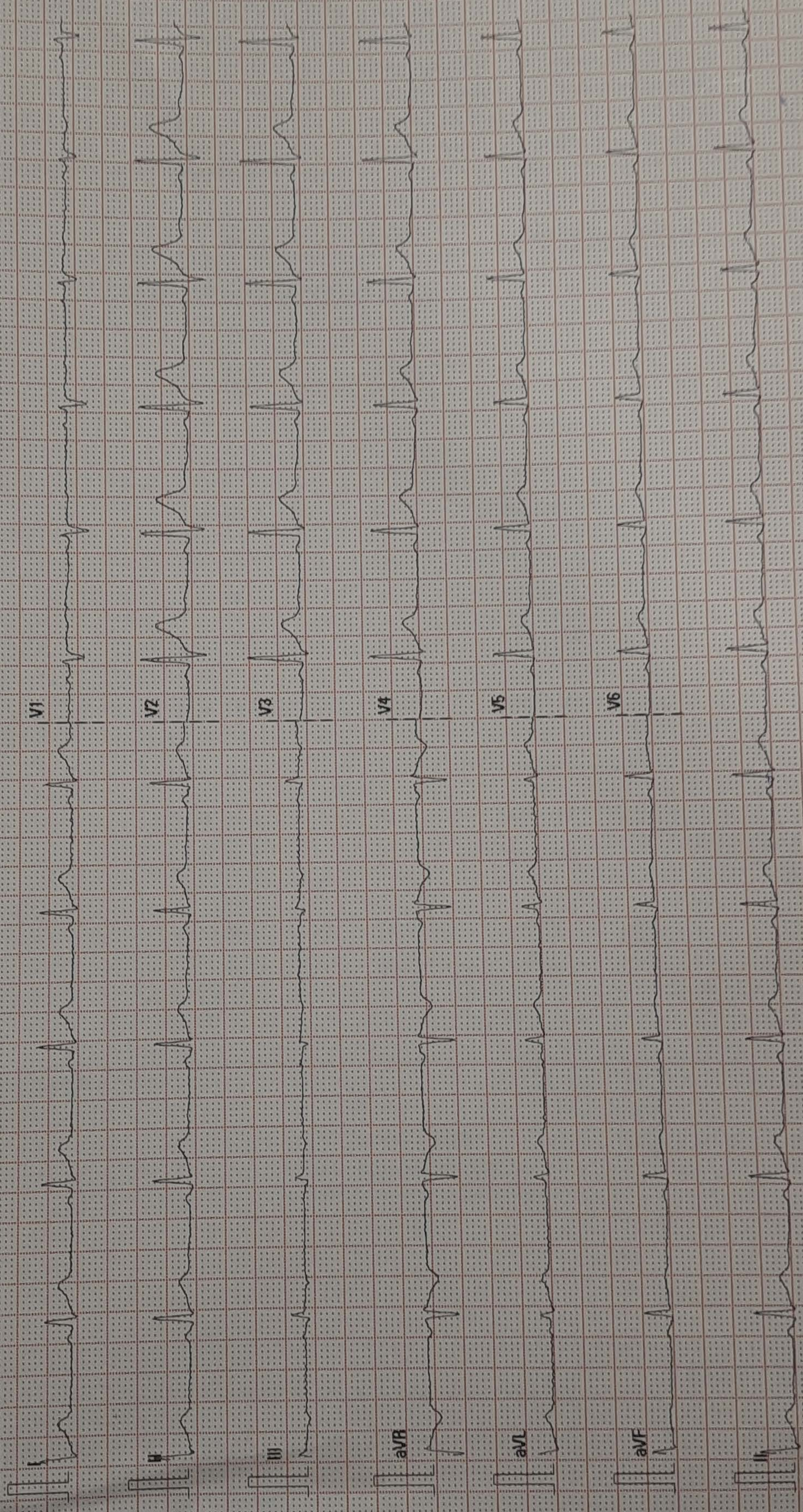


Name:  
Age:  
Gender:

Vent. Rate 67 bpm  
PR Interval 128 ms  
QRS Duration 86 ms  
QT/QTc Interval 374/386 ms  
P/QRS/T Axes 50/44/24 deg  
QTc-Hodges

Sinus rhythm  
Interpretation made without knowing patient's gender/age

Unconfirmed Diagnosis.



50 Hz

50 Hz

50 Hz

50 Hz

50 Hz

50 Hz

50 Hz

50 Hz

50 Hz

# **Annexure – 10B**

adani	HR Policy Procedures	Document:	HRP
		Issue Date:	08-Apr-2022
		Effective from	08-Apr-2022
		Version:	Ver 6
<b>Guidelines on Pre-Employment Medical Assessment</b>			

Annexure-2  
**Self-Declaration**



**1 PERSONAL DETAILS:**

(First Name) (Middle Name) (Surname/ Last Name)

ABHISHEK KUMAR PATHAK.

Gender (male / female): MALE Age (Years): 31

Post Applied for: —

Height (cm): 166.5 Weight (Kg): 78 Blood Pressure: 110/70 mm/Hg

**2 PREVIOUS EMPLOYMENT:** Yes / No (If yes specify) ✓

SN	Company Name	Nature of Work	Duration (in years)
1)	L&T	Office & field work.	9 months
2)	Ajeans	office & field work.	10 months
3)	Steel Industry & thermal power plant	office & field work.	3 year 8 months

**3 PERSONAL HABITS:**

	Yes	No
Smoking		✓
Tobacco Chewing		✓
Alcohol		✓

adani	HR Policy Procedures	Document:	HRP
		Issue Date:	08-Apr-2022
		Effective from	08-Apr-2022
		Version:	Ver 6
<b>Guidelines on Pre-Employment Medical Assessment</b>			

Any Other: If yes specify \_\_\_\_\_

**4 MEDICAL HISTORY:**

i) **DISABILITY:** Yes / No

(If yes specify the details and disability % if certified)

.....  
 .....  
 .....  
 .....

ii) **VISION:**

a) **Acuity of Vision:**

Are you using Spectacles / Glasses: Yes / No (If yes specify power below)

Right Eye: \_\_\_\_\_

Left Eye: \_\_\_\_\_

b) **Colour Vision:**

Color Blindness: Yes / No (If yes pls mention details below)

\_\_\_\_\_

iii) **PAST HISTORY:**

a) Any illness / injury / accidents / hospitalization after your last Annual Health

Checkup: Yes / No (If yes specify) \_\_\_\_\_

b) Any illness / injury / accidents in past: Yes / No (If yes specify)

\_\_\_\_\_

adani	HR Policy Procedures	Document:	HRP
		Issue Date:	08-Apr-2022
		Effective from	08-Apr-2022
		Version:	Ver 6
<b>Guidelines on Pre-Employment Medical Assessment</b>			

c) Any job-related disease and / or injury: Yes / No (If yes specify) \_\_\_\_\_

\_\_\_\_\_

d) Terminated or Rejected on medical grounds: Yes / No (If yes specify)

\_\_\_\_\_

iv) **RECENT HISTORY:**

On medication for following (Answer Yes or No.)

High Blood Pressure (Hypertension)	<u>No</u>
High Blood Sugar (Diabetes)	
Heart Disease	
Kidney Disease	
Tuberculosis	
Chronic Lung Disease	
Ear Disease	

Hearing Problem	<u>No</u>
Fainting, Fits, Epilepsy, Dizziness	
Any mental disorder	
Hepatitis B	
Any liver disorder	
Cancer	
Stroke or Brain problem	

Any Other: \_\_\_\_\_

v) **IMMUNIZATIONS:**

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
---	-----------------------------

adani	HR Policy Procedures	Document:	HRP
		Issue Date:	08-Apr-2022
		Effective from	08-Apr-2022
		Version:	Ver 6
<b>Guidelines on Pre-Employment Medical Assessment</b>			

COVID 1st Dose	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COVID 2nd Dose	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5 I declare that the above statements are true and complete to the best of my knowledge and belief. In case this information is found to be false by the company, then the **company reserves the right to terminate my services without giving any notice.** I agree that the results of this medical examination in general terms may be revealed to the company if required. I also fully understand that in case I am declared medically unfit due to any reason, I shall not be entitled for the employment in the company. However, the decision taken by recruitment committee about my medical fitness will be final and binding to me.

Attah  
 .....  
 (Signature of Candidate)

12/10/2023  
 Date: .....

PRIMEX HEALTHCARE AND RESEARCH PVT. LTD.  
 30/1, BAZULLAH ROAD, T. NAGAR, CHENNAI-600 017  
 PHONE: 044 2384 1122 / 044 4550 2050

<b>adani</b>	Name:	MR. Abhishek Kumar Pathak	
	Age / Gender	31 / male	Date: 12/10/2023

**Annexure-3**

**Pre-Employment Medical Assessment**

(All details given below will be filled by examine physician & treated as confidential)  
(Please ✓ Mark Where Applicable)

**1 Personal Habits:**

- i) Smoking
- ii) Tobacco chewing
- iii) Alcohol
- iv) Any other

*No*

**2 Medical History:**

i) Any Disability: Yes / No If yes specify with disability %

ii) Personal History: Vegetarian / No allergy / B K B tubercle normal

iii) Known case of or past history of Nil significant

iv) Immunization:

	Yes	No
Tetanus Toxoid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hepatitis B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Others	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*COVID vaccine*

**Family History:**

Has anyone of parents suffered from

<input type="checkbox"/>	Hypertension	<input checked="" type="checkbox"/>	Diabetes <i>Father</i>
<input type="checkbox"/>	Heart Disease	<input type="checkbox"/>	Tuberculosis
<input type="checkbox"/>	Cancer	<input type="checkbox"/>	Epilepsy
		<input type="checkbox"/>	Any other Disease

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PHONE: 044 2384 1122 / 044 4550 2050



<b>adani</b>	Name:	MR. Ashish Kumar Pathak	
	Age / Gender	31 / M	Date: 12/10/2023

**3 Physical Examination:**

i) Build: Poor / Average / Strong  Skin: NAD  
 ii) Throat: NAD Tonsils: NAD Thyroid: NAD Lymph nodes: NAD  
 iii) Teeth & Gums: healthy Tongue: NAD  
 iv) Height 166.5 cms Weight 78 kg BMI 28.3

v) Identification marks:  
a mole on right side nasolabial region  
a mole on left infraorbital region

**1 Vision (To be checked by eye specialist):**

General Eye examination:

		Rt	Lt	Colour Vision (Pls <input checked="" type="checkbox"/> Mark Applicable)	
Visual Acuity	Distance	<u>6/6</u>	<u>6/6</u>	Normal Colour vision	<input checked="" type="checkbox"/>
	Near	<u>N6</u>	<u>N6</u>	Total colour deficiency	<input type="checkbox"/>
Corrected Vision	Distance	<u>6/6</u>	<u>6/6</u>	Partial Colour Deficiency	<input type="checkbox"/>
	Near	<u>N6</u>	<u>N6</u>		
Power of lens	Spherical	<u>-2.5</u>	<u>-2.5</u>	If partial - pl. mention	
	Cylindrical	<u>-</u>	<u>-</u>		
	Axis	<u>-</u>	<u>-</u>		

	Yes	No
Squint	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nystagmus	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Night Blindness	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Any other eye disease	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If yes pl. give details \_\_\_\_\_

**PRIMEX HEALTHCARE AND RESEARCH PVT. LTD.**  
 30/1, BAZULLAH ROAD, T. NAGAR, CHENNAI-600 017  
 PHONE: 044 2384 1122 / 044 4550 2050  
 Signature & Seal of Ophthalmologist

adani	Name:	MR. Abhishek Kumar Pathak	
	Age / Gender	31 / male	Date: 12/10/2023

**5 Hearing:**

External Examination: Rt NAD Lt NAD  
 Rinne's Test: AC > BC Weber's Test: Centralized  
 Conversational Hearing/ Whispering: Normal  
 Audiometry (Comment): Normal  
 dB Right Ear 18 dB dB Left Ear 15 dB

**6 Cardio-vascular System:**

Pulse-Rate 72 /min Blood Pressure 110 70 mm hg  
 Sys Dia  
 Heart Sounds S1S2 Murmur  Present  Absent Details if present \_\_\_\_\_  
 Character: Regular / Irregular Regular

**7 Respiratory System:**

Shape of Chest: bc Symmetrical Breath Sounds: MMBS (b)

**8 Abdomen:**

Liver: NAD Spleen: NAD Any Abdominal Lump: NAD

**9 Genito Urinary System:**

Hernia: NAD Hydrocele/Varicocele: NAD

**10 Venereal Disease:**

NAD

**11 Special Conditions:** Flat feet NAD Varicose Veins NAD

**12 Nervous System:**

Pupillary Reaction: Normal Planter Reflex: Normal  
 Knee Jerk Reflex: Normal Romberg Sign:  +ve  -ve

**13 Investigations:**

i) Urine: Sp. Gr. 1.010 Reaction 6 Albumin nil Sugar nil  
 Microscopic: 3-4 PC, 1-2 epithelial cells  
 Blood: Haemoglobin 15.3 g% HbA1c 5.7 Bl. Gr. B  +ve  -ve  
 ii) Chest X-ray: NAD  
 iii) E.C.G: Normal  
 iv) USG Whole Abdomen: Fatty Liver

<b>adani</b>	Name:	MR. Abhishek Kumar Pathak	
	Age / Gender	31 / M	Date: 12/10/2023

v) 2D Echo/TMT: Normal

vi) PFT: FVC 92 FEV1 107 FEV1/FVC % 116 PEFR 71

vii) Any other Investigations / clinical finding: NIL

**14 COMMENTS AND RECOMMENDATIONS:**

(Pls ✓ Mark Applicable)

<input checked="" type="checkbox"/> Fit	<input type="checkbox"/> Unfit
---	--------------------------------

Remarks: NIL

**Details of Examining Physician:**

Name: \_\_\_\_\_


Registration No.: Dr. C. MEENAKSHI MBBS., CCEPC,

Address: GENERAL MEDICAL PRACTITIONER

Reg. No: 120878

Contact No.: \_\_\_\_\_

**Dr. C. MEENAKSHI MBBS., CCEPC,**  
**GENERAL MEDICAL PRACTITIONER**  
**Reg. No: 120878**

  
 Signature with Seal of Examining Physician

**For office use only:**

Date of receipt of original documents: \_\_\_\_\_ PEM No.: \_\_\_\_\_

MDMS No: \_\_\_\_\_

Medically 

<input type="checkbox"/> Fit	<input type="checkbox"/> Temp. Unfit	<input type="checkbox"/> Unfit
------------------------------	--------------------------------------	--------------------------------

Special Remarks: \_\_\_\_\_

**ATHEMATIC AND RESEARCH PVT. LTD.**  
**307, BAZULLAN ROAD, T. NAGAR, CHENNAI-600 077**  
**PHONE: 044 2384 1122 / 044 4550 2050**



Primex Healthcare and Research Pvt. Ltd.,  
30/1, Bazullah Road, T.Nagar,  
Chennai - 600 017.  
www.primexhealthcare.in



■ MRI ■ CT SCAN ■ DIGITAL X-RAY ■ 4D ULTRASOUND ■ ECG ■ ROUTINE & SPECIALIZED BLOOD TESTS

Name	: MR. ABHISHEK KUMAR PATHAK	Id	: T362282
Age/Gender	: 31 years /M	Sample Collected On	: 12/10/2023
Referred By	: CONNECT AND HEAL		



TEST NAME	RESULT	REFERENCE RANGE
-----------	--------	-----------------

ADN-MT3

DEPARTMENT OF HAEMATOLOGY

COMPLETE BLOOD COUNT

Total WBC Count - TC (Electrical impedance)	4860	4000 - 10000 Cells/cumm
RBC Count (Electrical impedance)	4.98	4.5 - 5.5 Millions/cumm
Haemoglobin - HB (Photometric)	15.3	13.0 - 17.0 gms%
Hematocrit - HCT (Calculated)	45.0	40.0 - 50.0 %
MCV (Electrical Impedance)	90.3	83.0 - 101.0 fl
MCH (Calculated)	30.7	27.0 - 32.0 pg
MCHC (Calculated)	34.0	32.0 - 36.0 %
Platelet count (Electrical impedance)	2.03	1.5 - 4.1 lakhs/cumm
RDW CV (Calculated)	14.0	11.6 - 14.0
Differential Count - DC (Light Scattering)		
Polymorphs	43.8	37.0 - 70.0 %
Lymphocytes	46.6	20.0 - 45.0 %
Eosinophils	3.6	2.0 - 6.0 %
Monocytes	5.8	2.0 - 10.0 %
Basophils	0.2	< 1.0 %
Blood Group and Rh Typing (Reverse & Forward Tube agglutination method)	B POSITIVE	

DEPARTMENT OF BIOCHEMISTRY

Glucose Fasting (GOD POD)	91	70 - 115 mg/dl
------------------------------	----	----------------

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Name	: MR. ABHISHEK KUMAR PATHAK	Id	: T362282
Age / Gender	: 31 years / M	Sample Collected On	: 12/10/2023
Referred By	: CONNECT AND HEAL		



TEST NAME	RESULT	REFERENCE RANGE
<b>HbA1c Glycosylated Haemoglobin</b> (HPLC)		
HbA1c (Glycosylated Haemoglobin)	5.7	Normal or Non Diabetes: 4.0 - 5.6 % Prediabetes: 5.7 - 6.4 % Diabetes: > 6.5 %
Average Blood Glucose	116.89	68 - 117 mg/dL
<b>Creatinine</b> (Sarcosine Oxidase)	0.8	0.8 - 1.3 mg/dL
<b>Uric Acid</b> (Uricase)	4.1	3.6 - 8.2 mg/dL
<b>Cholesterol (Total)</b> (CHOD-PAP)	98	Normal: < 200 mg/dL Borderline: 201 - 239 mg/dL High: > 240 mg/dL
<b>Triglycerides</b> (GPO-POD)	42	Normal: < 150 mg/dL Borderline: 151 - 199 mg/dL High: > 200 mg/dL
<b>HDL Cholesterol</b> (Direct Measure)	41.5	Normal: > 35 mg/dL Borderline: 30 - 35 mg/dL Low: < 30 mg/dL
<b>LDL Cholesterol</b> (Calculation)	48.1	60 - 130 mg/dL
<b>VLDL</b> (CALCULATION)	8.4	< 40 mg/dl
<b>Cholesterol / HDL Ratio</b> (CALCULATION)	2.36	Normal: < 3.3 Low Risk: 3.3 - 4.4 Average risk: 4.4 - 7.1 Moderate Risk: 7.1 - 11 High Risk: > 11.0
<b>SGPT ALT</b> (IFCC)	47	< 45 U/L

**DEPARTMENT OF CLINICAL PATHOLOGY**

**Urine Complete**

(Urine Strip)

Colour	YELLOW
Apperance	CLEAR
PH	6.0
Specific Gravity	1.010
Protein	NIL
Glucose	NIL
Ketone	NIL

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Name	: MR. ABHISHEK KUMAR PATHAK	Id	: T362282
Age/ Gender	: 31 years /M	Sample Collected On	: 12/10/2023
Referred By	: CONNECT AND HEAL		



TEST NAME	RESULT	REFERENCE RANGE
Nitrite	NEGATIVE	
Bile salt	ABSENT	
Bilirubin Bile Pigment	NIL	
Urobilinogen	PRESENT IN NORMAL LIMITS	
<b>Deposit Microscopy</b>		
Pus Cells	3-4	
Epithelial Cells	1-2	
RBCS	NIL	
Casts	NIL	
Crystals	NIL	
Others	NIL	



--- End of the Report ---

Dr. Srikanth.K M.B.B.S M.D (Pathology)  
Pathologist  
Lab Director

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Name	: MR. ABHISHEK KUMAR PATHAK	Id	: T362282
Age / Gender	: 31 years /M	Sample Collected On	: 12/10/2023
Referred By	: CONNECT AND HEAL		



TEST NAME

RESULT

REFERENCE RANGE

ADN-MT3DEPARTMENT OF HAEMATOLOGY

Erythrocyte sedimentation Rate (ESR)  
(WESTERGREN METHOD)

5

5 - 15 mm

DEPARTMENT OF BIOCHEMISTRY

Spot Microalbumin  
(LATEX)

Microalbumin

8.7

&lt; 20 mg/L

Creatinine

37.8

15 - 278

Microalbumin: Creatinine Ratio

23.0

&lt; 30

--- End of the Report ---

Dr. Srikanth.K M.B.B.S M.D (Pathology)  
Pathologist

Lab Director

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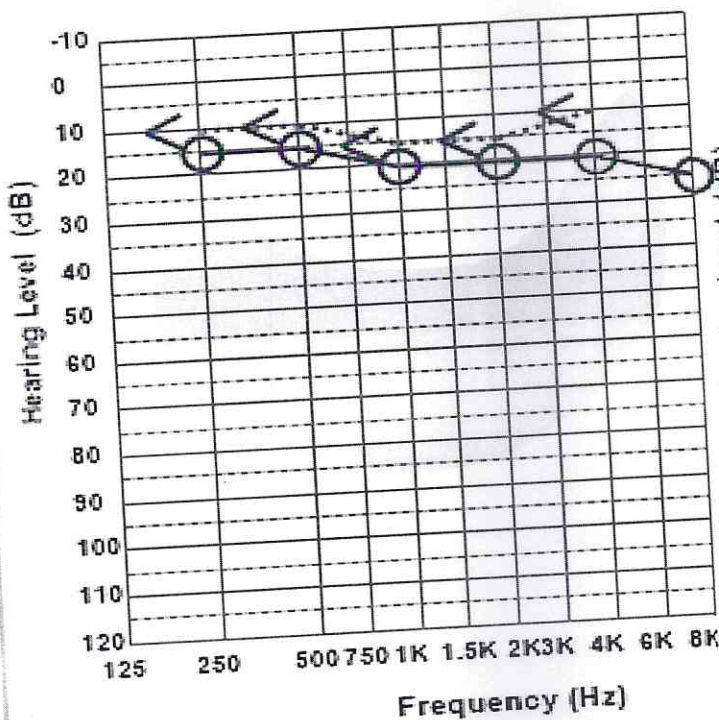


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 CHENNAI-600017

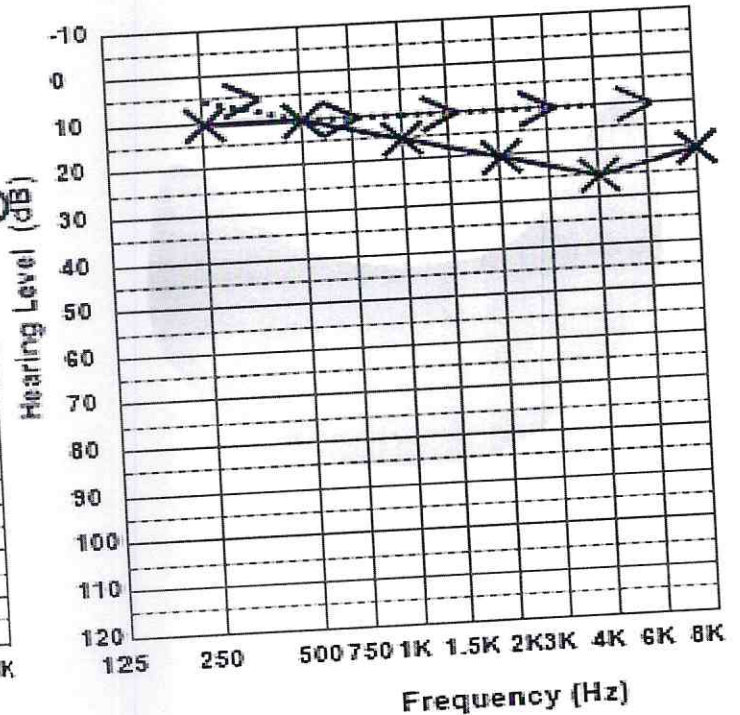
Name : MR.ABHISHEK KUMAR PATHAK      Age: 31      SEX: MALE      Date : 12.10.2023  
 LIS ID : 362282

PURE TONE TEST

RIGHT EAR



LEFT EAR



Freq.	125	250	500	750	1000	1.5K	2K	3K	4K	6K	8K
<b>L</b>		10	10		15		20		25		20
L(M)							10		10		
BCL		5	10		10						

PTA (L) = 15dB      PTA-M(L) =      PTA-BCM(L) = (500,1K,2K)

Freq.	125	250	500	750	1000	1.5K	2K	3K	4K	6K	8K
<b>R</b>		15	15		20		20		20		25
R(M)							15		10		
BCR		10	10		15						

PTA (R) = 18dB      PTA-M(R) =      PTA-BCM(R) = (500,1K,2K)

- Legend
- Air      ○    ×
  - Air/Masked      △    □
  - Bone      <    >
  - Bone/Masked      [    ]
  - MCL      M    M
  - UCL      m    m
  - Free Field      ⊙    ⊗
  - FF/Prothesis      A    A
  - Binaural      B
  - No Response      ↓



AUDIOLOGICAL DIAGNOSIS :

❖ NORMAL HEARING IN BOTH EARS.

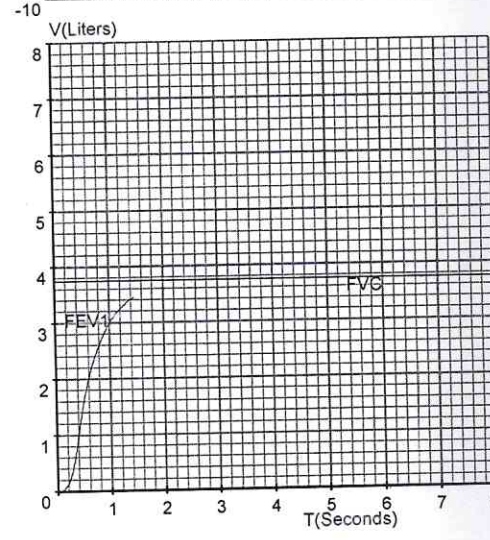
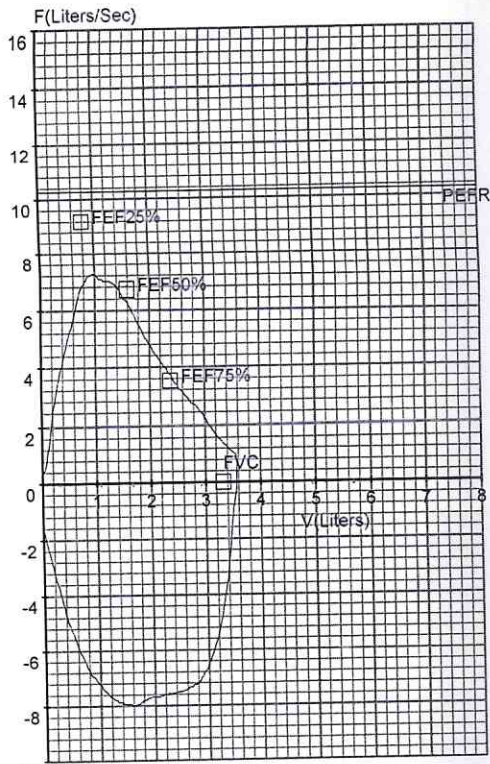
K. R. RAMESH (AUDIOLOGIST)



362282 - MR.ABHISHEK KUMAR PATHAK  
31 Years / Male / Ht 165 Cms / 78 Kgs / Non-Smoker

**FVC TEST**  
Date: 12-10-2023 (T2)

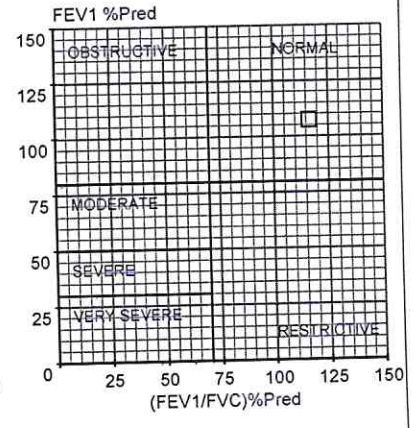
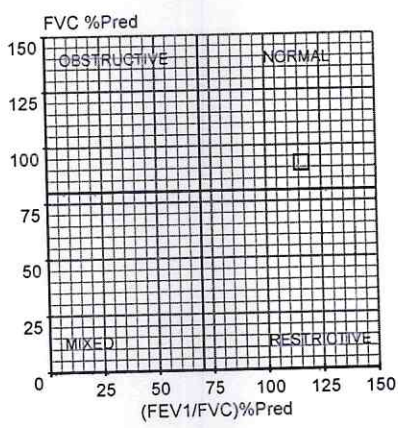
Pred Eqn : CLARITY Eth.Corr : 100 Temp : 0°C  
Ref By : NONE



Parameter	Pred	Pre	Pre%	Post	Post%	Imp%
FVC	[L]	3.33	3.06	92	--	--
FEV1	[L]	2.82	3.02	107	--	--
FEV.5	[L]	--	2.33	--	--	--
FEV3	[L]	3.23	--	--	--	--
FEV6	[L]	--	--	--	--	--
PEFR	[L/s]	8.81	6.23	71	--	--
FEF25-75	[L/s]	4.25	4.68	110	--	--
FEF75-85	[L/s]	--	2.21	--	--	--
FEF.2-1.2	[L/s]	7.25	5.15	71	--	--
FEF25%	[L/s]	7.89	7.01	89	--	--
FEF50%	[L/s]	5.76	5.30	92	--	--
FEF75%	[L/s]	3.02	2.63	87	--	--
FEV.5/FVC	[%]	--	75.95	--	--	--
FEV1/FVC	[%]	84.76	98.66	116	--	--
FEV3/FVC	[%]	97.00	--	--	--	--
FEV6/FVC	[%]	--	--	--	--	--
FEV1/FEV6	[%]	--	--	--	--	--
FET	[S]	--	1.07	--	--	--
ExptTime	[S]	--	0.34	--	--	--
LungAge	[Y]	31.00	29.00	94	--	--
FIVC	[L]	--	3.14	--	--	--
PIFR	[L/s]	--	6.85	--	--	--
FIF25%	[L/s]	--	7.07	--	--	--
FIF50%	[L/s]	--	5.80	--	--	--
FIF75%	[L/s]	--	2.95	--	--	--
FIV.5	[L]	--	2.29	--	--	--
FIV1	[L]	--	--	--	--	--
FIV3	[L]	--	--	--	--	--
FIV.5/FIVC	[%]	--	72.94	--	--	--
FIV1/FIVC	[%]	--	--	--	--	--

- Pre Medication Report :  
Spirometry within Normal range as FVC% >= 80 And FEV1/FVC% > 70

- Pre COPD Severity Report:  
COPD Severity within Normal range



*within normal limits*

**Dr. G.S. KAILASH MD. DTCD**  
Pulmonologist  
Regd. No: 28543



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PATIENT NAME	MR.ABHISHEK KUMAR PATHAK	PATIENT ID	T362282
REF BY	CONNECT AND HEAL	AGE & SEX	31/M
DONE BY	DR. ASHOK VICTOR, MD, DM.	STUDY DATE	12/Oct/23

### ECHOCARDIOGRAM REPORT

Aorta : 3.6 cms

AVO : 2.0 cms

Left Atrium : 3.4 cms

RV : 2.1cms

LVIDd	4.7cms	EDV	103 ml
LVIDs	2.9cms	ESV	34 ml
IVSd	0.9cms	EF	66 %
LVPWd	1.1 cms	FS	36 %

### B - MODE

#### VALVE:

Mitral Valve : Normal.

Tricuspid Valve : Normal.

Aortic Valve : Normal.

Pulmonary Valve : Normal.

#### CHAMBERS:

Left Ventricle : Normal.

Left Atrium : Normal.

Right Ventricle : Normal.

Right Atrium : Normal.

Wall motion Analysis - Global / Regional : Nil

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PATIENT NAME	MR.ABHISHEK KUMAR PATHAK	PATIENT ID	T362282
--------------	--------------------------	------------	---------

Septae IAS / IVS : Intact  
Pericardium : No pericardial effusion.  
No clot / Vegetation.

### COLOR FLOW AND DOPPLER STUDY

#### Mitral Flow

E - Wave : 85 cms /sec.  
A - Wave : 57 cms /sec.  
Aortic Flow : 128 cms /sec.  
Pulmonary Flow : 98 cms /sec.

#### IMPRESSION:

- ❖ NORMAL CHAMBER DIMENSIONS.
- ❖ NO REGIONAL WALL MOTION ABNORMALITIES AT REST.
- ❖ NORMAL LV SYSTOLIC FUNCTION.
- ❖ NORMAL VALVES.

Typed by: SARMILA

  
Dr. ASHOK VICTOR, MD, DM.  
(Consultant Cardiologist)

DISCLAIMER: The science of radiology is based upon interpretation of shadows of normal and abnormal tissue. This is neither complete nor accurate; hence, findings should always be interpreted in to the light of clinico-pathological correlation. This is a professional opinion, not a diagnosis. Not meant for medico legal purposes.

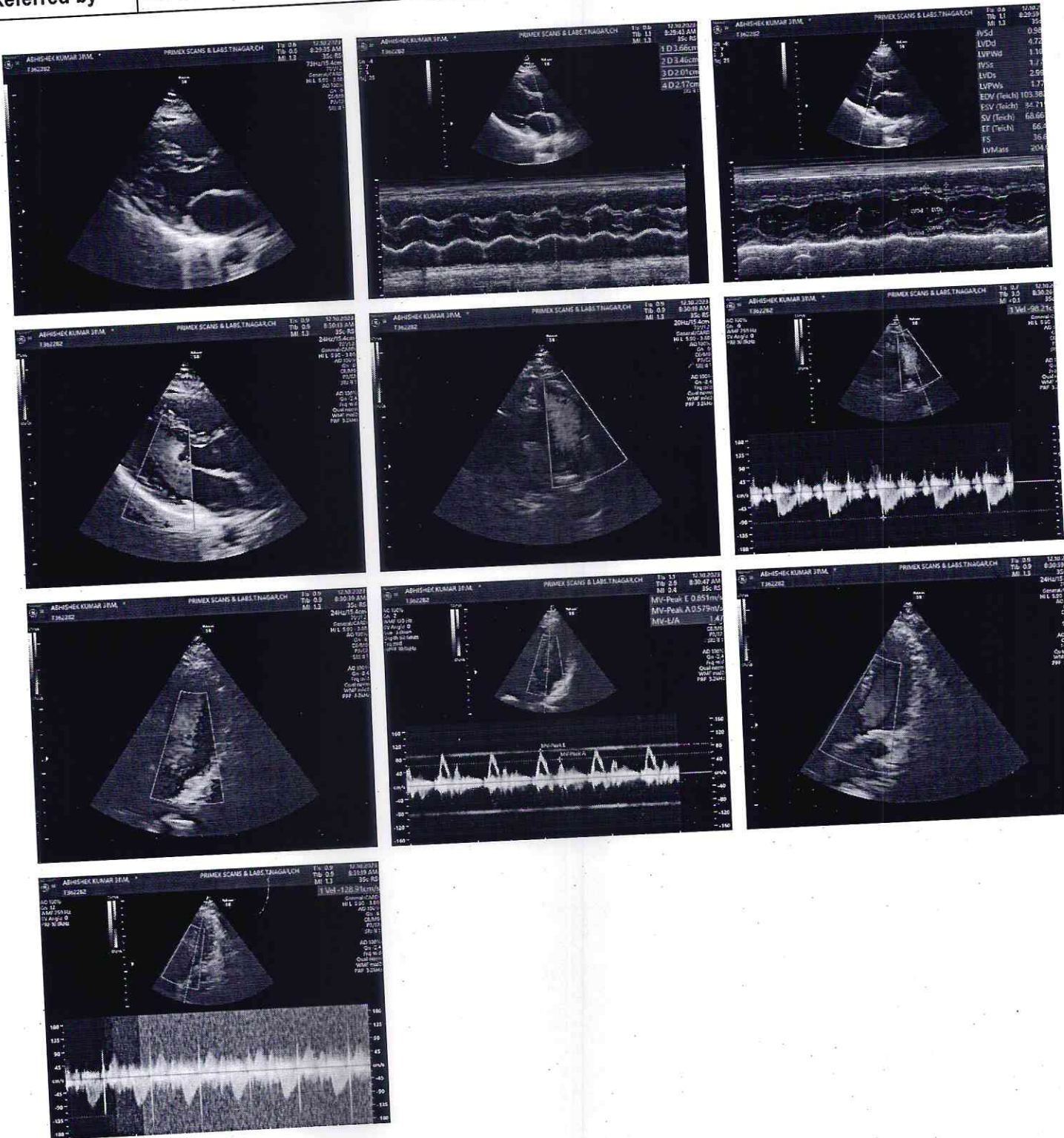
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# PRIMEX Scans & Labs.

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Parent name	Mr. ABHISHEK KUMAR 31/M	Age/Sex	31 Years / Male
Patient ID	T362282	Visit no	1
Referred by	Dr. CONNECT AND HEAL	Visit date	12/10/2023





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PATIENT NAME	MR. ABISHEK KUMAR PATHANK	PATIENT ID	T362282
REF	CONNECT AND HEAL	AGE & SEX	31/ MALE
DONE BY	DR. DHILIP KUMAR.,	STUDY DATE	12-Oct-2023

### ULTRASONOGRAPHY OF WHOLE ABDOMEN

**TECHNIQUE:** B mode real time ultrasound abdomen was performed by transabdominal technique.

#### LIVER

Normal in size with mild fatty infiltration changes. No evidence of focal lesion is seen. No Intra-hepatic biliary radical dilatation seen. Portal and hepatic veins appear normal.

#### GALL BLADDER

Well distended. Wall thickness is normal. No calculi / mass lesion is seen in the gall bladder. CBD appeared normal.

#### PANCREAS

Normal in size and echotexture. No evidence of ductal ectasia / parenchymal calcification / peripancreatic fluid collection.

#### SPLEEN

Normal in size (9.9cm) and shows normal echotexture.

#### RIGHT KIDNEY

Right kidney measures 11.1 x 4.3 cm. Normal in size. Cortical thickness and echoes are normal. Cortico-medullary differentiation is well maintained. Pelvicalyceal system is not dilated. No evidence of calculus / mass lesion is seen.

#### LEFT KIDNEY

Left kidney measured 11.7 x 5.1 cm. Normal in size. Cortical thickness and echoes are normal. Cortico-medullary differentiation is well maintained. Pelvicalyceal system is not dilated. No evidence of calculus / mass lesion is seen.

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-2-

PATIENT NAME	MR.ABISHEK KUMAR PATHANK	PATIENT ID	T362282
--------------	--------------------------	------------	---------

### URINARY BLADDER

Moderately distended.

No evidence of calculi is seen within the bladder

No evidence of mass lesion.

### PROSTATE

Prostate measured 3.0 x 3.9 x 3.4 cm, Volume 21.7 cc.

Normal in size and shows normal echotexture.

Aorta , IVC , bowel loops , RIF & LIF are normal.

No evidence of lymphadenopathy.

### IMPRESSION:

➤ FATTY LIVER.

-Clinical and biochemical correlation.

Typed by: SAHIRA

DR. DHILIP KUMAR.,  
Consultant Sonologist

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NAME:	MR.ABHISHEK KUMAR PATHAK	AGE/SEX:	31Y/M
REF BY:	CONNECT AND HEAL	ID.:	T362282
		DATE:	12/10/2023

### DIGITAL X-RAY CHEST PA VIEW

Trachea is in midline.  
 Hila appear normal.  
 Mediastinal shadow appears normal.  
 Costophrenic & cardiophrenic angles appear free.  
 Cardiothoracic ratio is within normal limits.  
 Lung fields appear clear.  
 Bony thorax and soft tissue appear normal.

#### IMPRESSION:

- ❖ No significant abnormality noted.

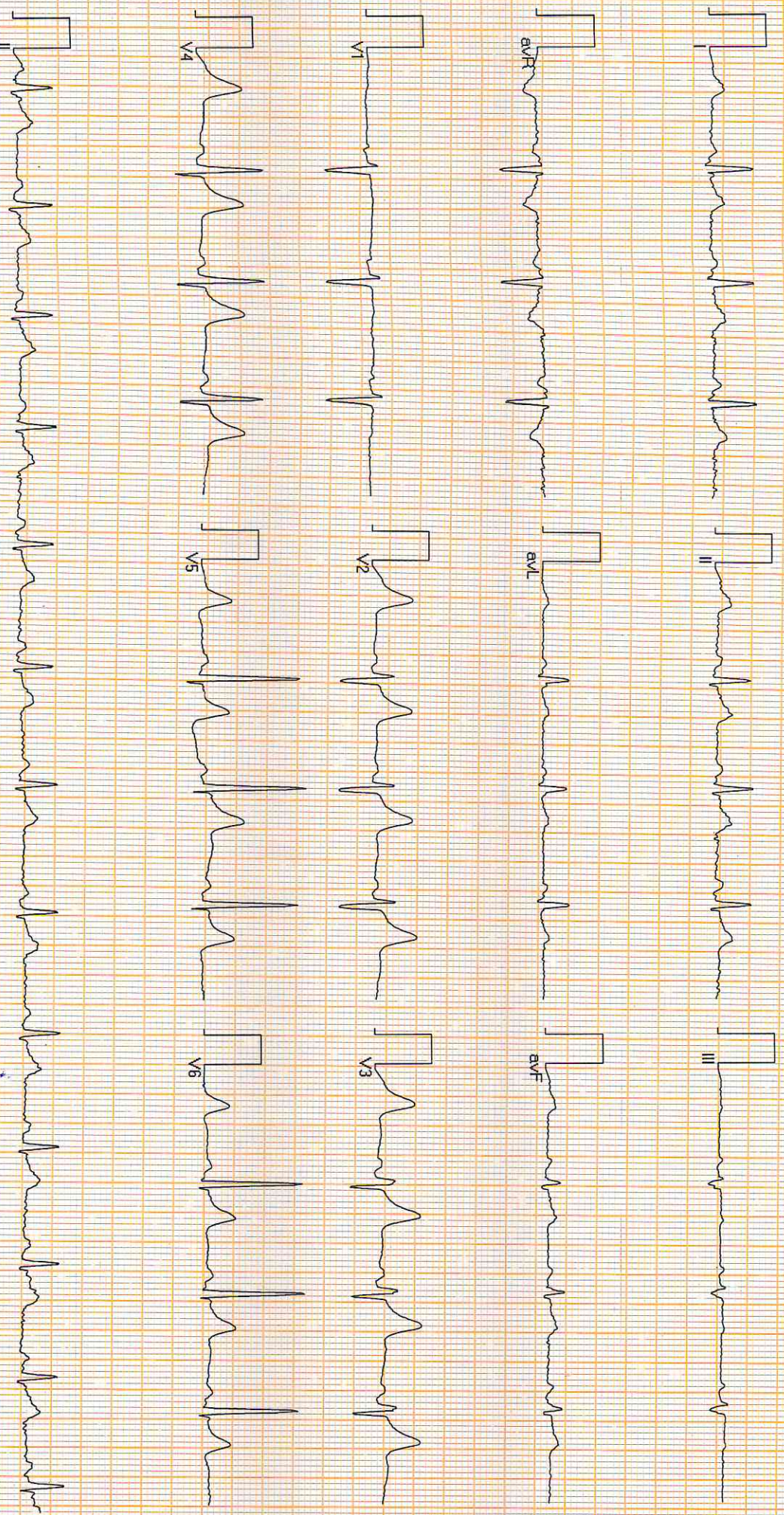
  
**Dr. K. BALASUBRAMANIAN**  
 Consultant Radiologist

DISCLAIMER: The science of radiology is based upon interpretation of shadows of normal and Abnormal tissue. This is neither complete nor accurate; hence, findings should always Be interpreted in to the light of clinic -pathological correlation. This is a professional opinion, not a diagnosis. Not meant for medico legal purposes.





362282 / MR ABHISHEK KUMAR PATHAK / 31 Yrs / M / Non Smoker  
Heart Rate : 75 bpm / Refd By: CONNECT AND HEAL / Tested On : 12-Oct-23 08:17:57 / HF 0.05 Hz - LF 35 Hz / Notch 50 Hz / Sn 1.00 Cm/mV / Sw 25 mm/s



*within normal limits*

**DR. ASHOK VICTOR**  
CONSULTANT CARDIOLOGIST  
Regd. No. 52552

Vent Rate : 75 bpm  
PR Interval : 56 ms  
QRS Duration: 136 ms  
QT/QTc Int : 261/292 ms  
P-QRS-T axis: 0.00 • 7.71 • 55.23 •

# **Annexure – 11**

FIRST AID BOX



Box No:-  
 Responsible Person :-  
 First Aid Contents Check List-2024

Location:-  
 Contact No:-

Sl. No.	Medicine & Items	Expiry Date	Qty	Feb-24	Mar-24	Apr-24	May-24	Jun-24
1	Hand Aid/Moisturized Dressings	Pk	10					
2	Antiseptic/Cephalosporin Ointment	Tube	20					
3	Saline/ Steril	Pk	1					
4	Eye Applicator	Pk	1					
5	PMS Tape-1"	Casside	10					
6	Bandage -Scotchcr & 7 feet	Roll	1					
7	Gauze Pad	Pk	1					
8	Swells Eye Pad	Pk	1					
9	Absorbent Cotton 20gm	Pk	2					
10	Paraffin Gauze	Roll	2					
11	Triangular Bandage	Pk	1					
12	Safety Pin Set 1X10	Pk	1					
13	Disposable Gloves plastic	Pk	2					
14	Disposable Tongue Depressor	Pk	1					
15	Finger Splint	Pk	1					
16	Scissors 4 1/2"	Pk	1					
17	Tooth, Web cut	Pk	1					
18	First Aid Burned Paper	Pk	1					
19	First Aid Box	Pk	1					
Signature of IC FAB								



# **Annexure – 12**

**Details of Greenbelt Development at APSEZ, Mundra**

	Total Green Zone Detail till Up to March 2024				
LOCATION	Area (In Ha.)	Trees (Nos.)	Palm (Nos.)	Shrubs (SQM)	Lawn (SQM)
SV COLONY	72.29	34920.00	7962.00	69696.00	100646.00
PORT & NON SEZ	81.61	149359.00	19220.00	75061.78	62966.38
SEZ	115.70	226120.00	20489.00	220583.60	28162.03
MITAP	2.47	8113.00	33.00	3340.00	4036.00
WEST PORT	104.29	248074.00	66816.00	24112.00	16369.00
AGRI PARK	8.94	17244.00	1332.00	5400.00	2121.44
SOUTH PORT	14.45	27530.00	3470.00	3882.00	3327.26
Samundra Township	58.26	63722.00	11834.00	23908.89	47520.07
Productive Farming (Vadala Farm)	0.00	0.00	0.00	0.00	0.00
<b>TOTAL (APSEZL)</b>	<b>457.99</b>	<b>775082.00</b>	<b>131156.00</b>	<b>425984.27</b>	<b>265148.18</b>
		<b>906238.00</b>			

# **Annexure – 13**

# **Major Maintenance Jobs At Common Effluent Treatment Plant (CETP)**

**Period: Oct-23 to Mar-24**



# PLANT IMPROVEMENT



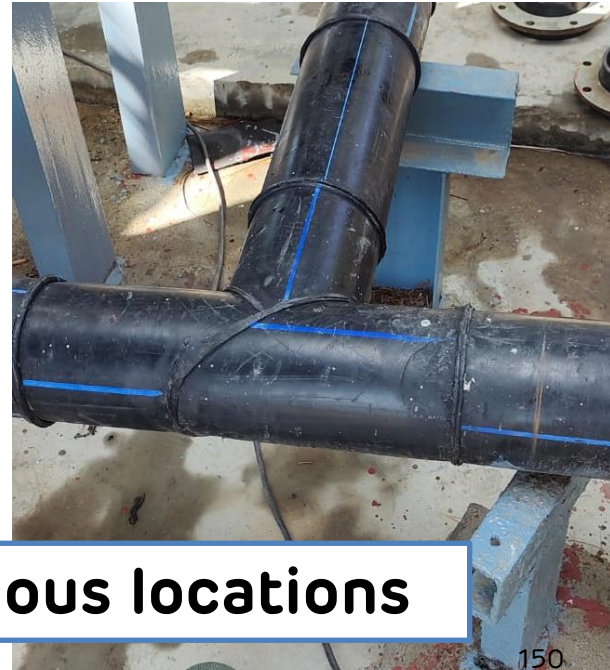
**Pipe Rack installed near  
CETP plant**



**Aeration tank cleaning and diffuser line modification work**



**Paver block installed at CETP Plant area for safety point of view**



**HDPE pipeline repairing work at various locations**

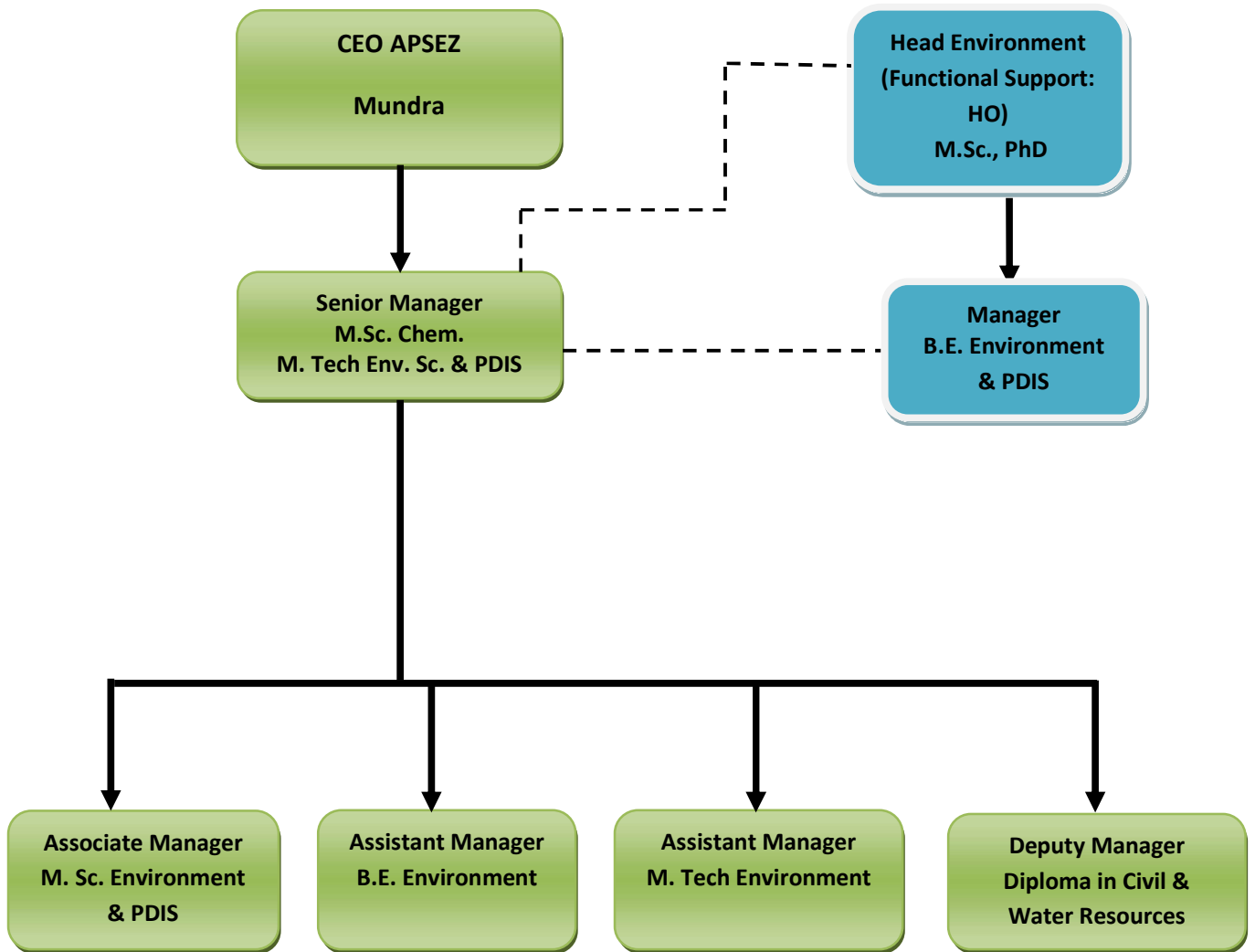


**And blowers PM work**



# **Annexure – 14**

**Updated Organogram of Environment Management Cell, APSEZ, Mundra**



# **Annexure – 15**



### Cost of Environmental Protection Measures

Sr. No.	Activity	Cost incurred (INR in Lacs)			Budgeted Cost (INR in Lacs)
		2021 - 22	2022 - 23	2023 - 24	2023 - 24
1.	Environmental Study / Audit and Consultancy	6.82	7.32	22.67	27
2.	Legal & Statutory Expenses	10.52	12.32	8.60	13
3.	Environmental Monitoring Services	14.31	15.32	13.37	19.20
4.	Hazardous / Non-Hazardous Waste Management & Disposal	107.09	104.035	130.11	148.68
5.	Environment Days Celebration and Advertisement / Business development	4.04	2.53	3.42	11.50
6.	Treatment and Disposal of Bio-Medical Waste	2.14	2.29	2.28	2.28
7.	Mangrove Plantation, Monitoring & Conservation	53.6	35.0	15	15.0
8.	Other Horticulture Expenses	921	956	904	904
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	252.27	141.33	186.94	212.9
10.	Expenditure of Environment Dept. (Apart from above head)	149.8	90.14	80.39	182.92
<b>Total</b>		<b>1371.79</b>	<b>1366.28</b>	<b>1366.78</b>	<b>1536.48</b>

# **Annexure – 16**

# CSR Gujarat

Kutch – Hazira – Dahej

**adani**  
Foundation

pond deepening

A N N U A L R E P O R T 2 0 2 3 - 2 4

*Adani Foundation*  
Adani House, Port Road, Mundra – Kutch 370 421  
[[info@adanifoundation.com](mailto:info@adanifoundation.com)] [[www.adanifoundation.com](http://www.adanifoundation.com)]



## Our Journey by Mr. Rakshit Shah, Executive Director APSEZ



From Pledge to Progress Further,

I am happy to share that Adani Foundation continued to make significant strides to elevate the sustainability of our CSR operations. This year We prioritize capacity building and awareness on ESG, as evidenced in 8 employees completing training modules that raise awareness about best practices in ESG. We raised the bar through our environmental initiatives, Water Conservation, Terrestrial and Coastal Biodiversity. We are also spreading awareness for reducing paper usage, Reducing emissions through firewood cooking, diesel free village drive at Surat district and increasing the green cover by planting trees. We enhanced the impact of our social initiatives by empowering women through Enhancing skill and Livelihood, increasing gender diversity and improving inclusivity. We are working for socio economic upliftment marginalized community i.e. Primitive Tribes at Bharuch and Surat district and fisherman at Kutchh district.

Our commitment to sustainable CSR operations has earned the trust of our stakeholders and contributed to our success. It has also helped us build a more resilient, sustainable and profitable business. I thank our Adani Foundation Team for their continued support and dedication to our commitment to sustainable CSR practices, as we remain focused on driving long-term value for our stakeholders, and the communities in which we operate.

With best wishes,

Rakshit Shah

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# CSR KUTCH

The Adani group plans to invest over two lakh crore rupees in Kutch over the next five years, creating around 100,000 jobs. The investment is expected to contribute to a Vikshit Gujarat, with the group constructing a world-largest green energy park in Khavda, Kutch, and expanding its green supply chain. Kutch Copper Ltd, a subsidiary of Adani Enterprises Ltd (AEL), the world's largest single-location copper manufacturing plant at Mundra in Gujarat, will start operations of the first phase by March-end and full-scale 1 million tonnes capacity by FY29. Mundra Port, Adani Power Plant, Adani Wilmar and Mundra Solar is reached to remarkable development ! Adani Foundation is instrumental in Mundra from 25 years but for last 3 years, started CSR at Khavda, Nakhtranana, Lakhpat and Abdasa Taluka in Community health care, Women Empowerment and Water conservation core.



# Demographic Details

Block	Villages	No. of HHs	Population
Mundra	61 Villages	35192	153179
Anjar	6 Villages	5350	28500
Nakhtrana	22 Villages	14093	36373
Lakhpat	20 Villages	8092	18976
Khavda	22 Villages	8450	35200
Rapar	3 Villages	345	12450
Mandvi	8 Villages	2780	14560
Abdasa	12 Villages	2415	9660

1. Adani Ports and SEZ Limited
2. Adani Power Mundra Limited
3. Adani Wilmar Limited
4. Adani Wilmar – Caster Limited
5. Kutchh Copper Limited
6. Mundra Solar PV Ltd
7. Mundra Petrochem Ltd
8. Adani Kandla Bulk Terminal Private Limited
9. Adani Solar Limited – Bitta, Abdasa
10. Adani Green Energy Limited – Nakhtrana
11. Adani Green Energy Limited - Khavda
12. Adani Energy Solution Limited – Rapar

# Environment Sustainability



Water Conservation 

Soil Conservation 

Terrestrial Biodiversity 

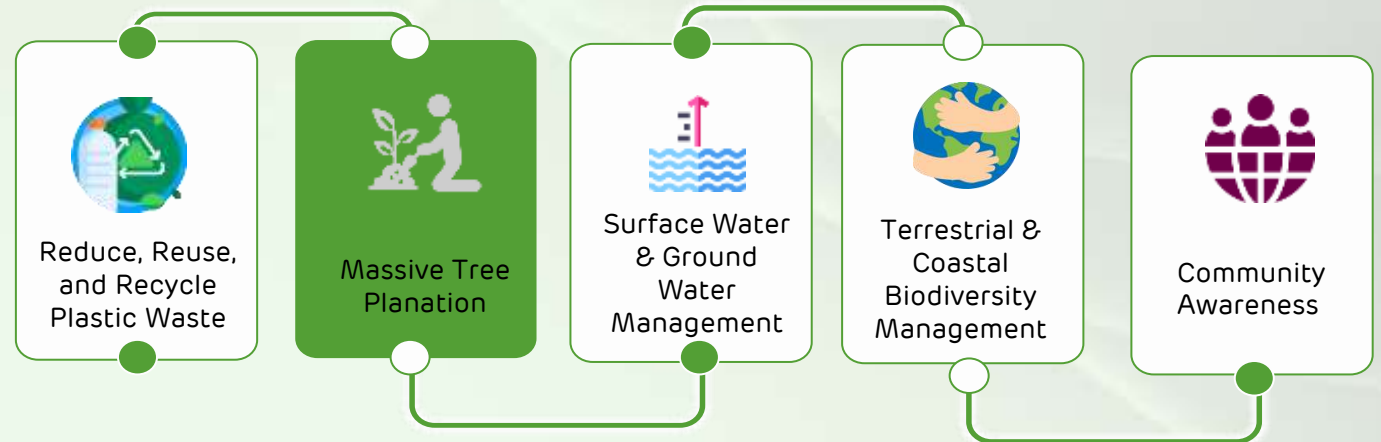
Coastal Biodiversity 

Plastic Free Drive 



# Environment Sustainability

As per UN Sustainable Development Goal. 13 - The environment and biodiversity serve as the lifeblood of our planet, playing a crucial role in maintaining ecological balance and sustaining life in all its diverse forms. Preserving them is more than a necessity; it is a shared responsibility to secure the health and well-being of both present and future generations. Adani Foundation embodies this commitment through its varied environmental projects. These range from extensive tree plantation and mangrove restoration to innovative biogas provision, drip irrigation, Plastic Free Drive, groundwater recharging, and water conservation.



Action to environment Sustainability



# Swajal Project



## AIM:

The Foundation's Water Conservation program, SWAJAL, is aimed at addressing the alarming depletion of groundwater levels and reduction in water sources in various parts of Kutch district.

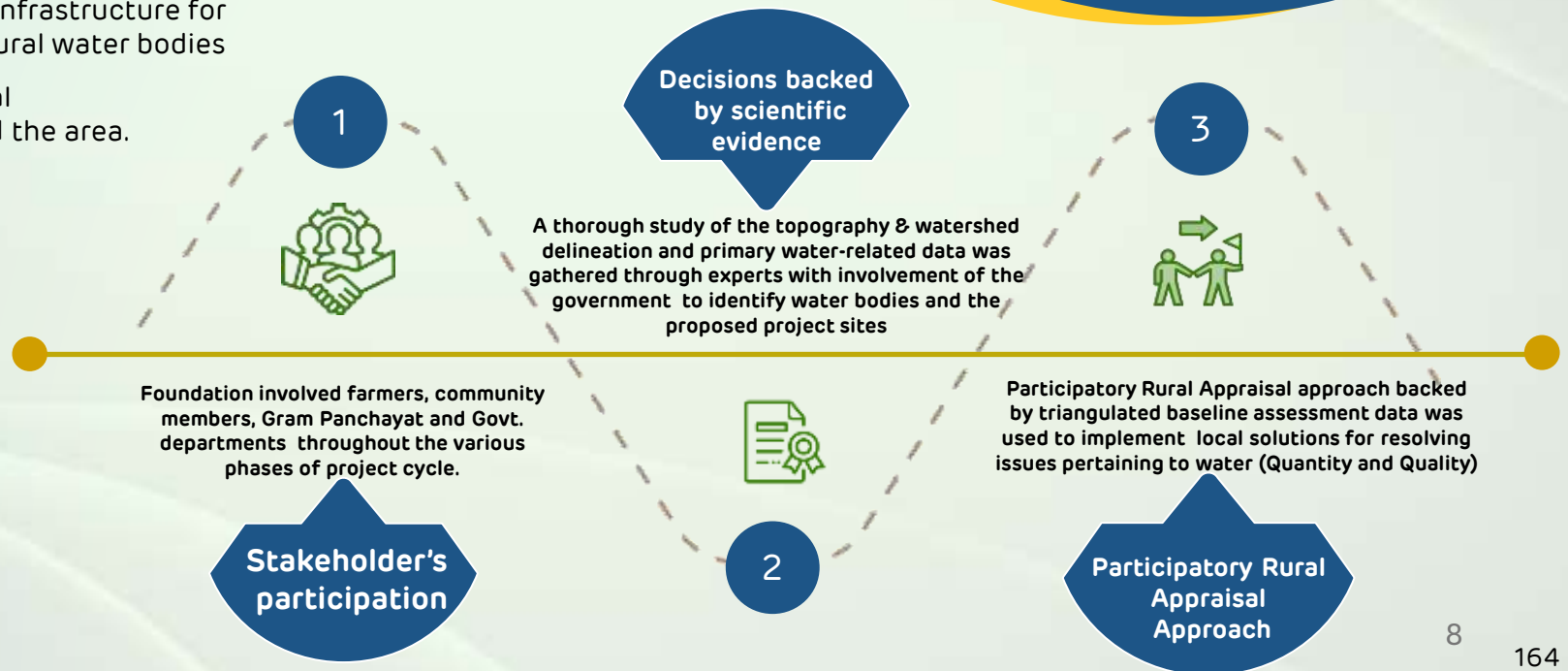


## Vision:

Devising eco-friendly and cost-efficient methods of water body rejuvenation, the project works

1. To revive existing water resources,
2. Plan sustainable infrastructure for protection of natural water bodies
3. Improve ecological conditions around the area.

## Process:





## Water Security Plan

Due to arid climatic characters of the Kutch region, it is essential to plan for water security drinking and livelihood purposes. Considering weather condition, rainfall characters, geohydrological condition and water demand, water security plan has been prepared for all the Seven villages.

To prepare water security plan following method has been adopted:

1. Overview of the Project villages through primary field visit and reference of prestudied and reports.
2. Survey of existing surface water resources to assess the potential and further scope of development.
3. Groundwater monitoring in term of storage and quality assessment.
4. Water balance calculation considering water supply and demand estimation.
5. Integrated water resource development and management plan for each village.

## Swajal in Kutch – Block wise:

Sr. No.	Block Name	Water conservation structure	Total no. of Structure	Total Capacity Created (CUM)
1	Mundra	Check Dam	23	6,07,332.80
		Pond Deepening	66	1,89,121.08
		RRWHS	275	2750
		Percolation Well	24	-
		Bore & Well Recharge	209	-
2	Dayapar	Pond Deepening	2	9,200
		Check Dam	1	18,000.00
3	Khavda	Pond Deepening	1	2,000
		Check Dam	1	16,000.00
4	Abdasa	Pond Deepening	1	22,000
5	Lakhpat	Check Dam	1	21,237.64

## Swajal - Impact:



**28,000**  
farmers Benefited



**7.2%**  
Increase Revenue



**17% TDS reduced**



**Rs. 1150**  
Reduce in health expenses/month



**Total Water capacity increased**

**8,87,641 Cum**  
**= 31.35 MCFT**

# Water Conservation Structure:



# Soil Conservation

<b>1250 Farmers</b>	<b>07 exposure</b>	<b>857 Farmers</b>	<b>258 Gobardhan</b>	<b>35 Farmers</b>	<b>Rs.9.88 Lacs RG</b>
<b>•Awareness Sessions at Village Level:</b> Spreading awareness on natural farming benefits and address their concerns.	<b>•Hands-On Training &amp; Exposures :</b> Arranged Workshop and training to emphasizing on real-world techniques.	<b>•Link with Government Scheme:</b> facilitation of govt. Cow Nurturing scheme to promote eco-friendly farming practices.	<b>•Bio-gas Support:</b> Link with Gov Gobar Dhan Biogas Unit Nutrient-rich slurry serves as an essential organic fertilizer for natural farming	<b>•Natural Farming Certification Process</b> to obtain natural farming certification through the GOPCA for the 35 Farmers who are Members of Raj shakti Sahakrai Mandali.	<b>•Marketing Assistance:</b> Provide platforms and resources ensuring fair prices and broader consumer reach.

## Natural Farming

Natural farming is an urgent need of the hour, We have initiated a comprehensive approach to promote natural farming practices through a variety of activities aiming to minimize pesticides and chemicals uses ,lead to produce , nutritious, chemical-free produce which is benefitting both farmers and consumers by providing healthier and more sustainable food options as well as plays significant role to flourishing environment and balanced ecosystem.

\* Funded by -Mundra Petro chem Limited



# Home Biogas

Phase	unit	Unit Cost In Rs.	AF in Lac	Support Beneficiaries Contribution in Lac	Gov. Convergence in Lac	Total in Lac
Phase -1	125	23200	29	3.75	0	32.75
Phase -2	100	42000	42.0	5.0	0	47
Phase -3	100	42000	0	5.0	37	42
Phase -4	258	42000	6.45	6.45	95.46	108.36
<b>Total</b>	<b>583</b>	<b>149200</b>	<b>77.45</b>	<b>20.2</b>	<b>132.46</b>	<b>230.11</b>



Home biogas systems, adept at converting organic waste into renewable energy, present a sustainable and eco-friendly solution for cooking. We have started this project in 2020, with farmers contributing 10% towards the cost, that persisted till 2022. Since then, we have scaled our initiative by aligning with government home biogas schemes to amplify the reach and adoption of this eco-friendly technology in wider rural regions.

The deployment of home biogas has been particularly transformative for women, offering a healthier, smoke-free cooking environment reducing greenhouse gas emissions.

Current year we process to facilitate 258 Gobardhan unit through Gov.



# Natural farming Workshop with Governor of Gujarat

- To promote natural farming, the Adani Foundation and Shri Rajshakti Natural Farming Cooperative Society Ltd. are making numerous efforts in kutch. In our endeavor to motivate and raise awareness among farmers, we recently organized a significant event inviting the Governor of Gujarat, Shri Acharya Devrath, Mr. V.S. Gadhavi, Executive Director of the Adani Foundation, and other distinguished guests. Addressing a gathering of 2000 farmers, Shri Acharya Devvrat aimed to inspire and enlighten them about the benefits and importance of adopting natural farming practices.
- "The foundation of people's well-being and health lies in the health of the land. Natural farming is the only way for this," said Acharya Devvratji, emphasizing that microscopic organisms in the soil nourish crops with essential elements, providing healthy and nutritious food. Devvratji highlighted the harmful effects of chemical fertilizers and pesticides on the land and urged farmers to adopt natural farming practices.







# Revival of Date Palm destroyed by **BIPORJOY** Cyclone



## **Dates Tree -Restoration**

Biparjoy cyclone has damaged huge number plants of Dates, Mango, Sapota. In coordination with Kutch Crop Services and Krishi Vigyan Kendra – more than 615 plants are restored till date and continue. This initiative has created trust and credibility in farmers of Mundra. As for one date tree Average revenue is 25000 INR – this initiative revenue generation will be 1.53 Cr per year which is remarkable.



# Go Green – Horticulture Saplings Distribution to Farmers



## Objective :

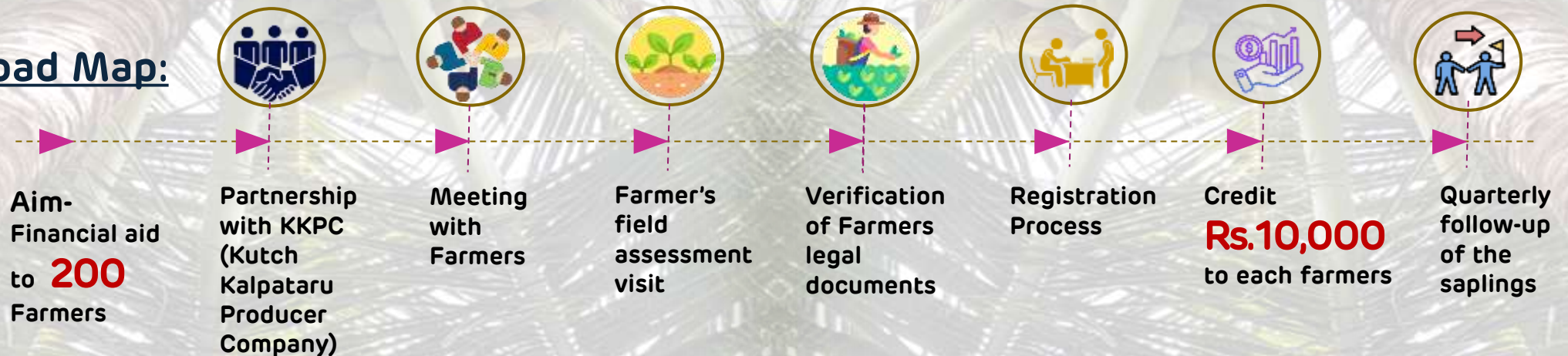
In alignment with a vision for sustainable agriculture and environmental stewardship, MPL aims to empower local farmers and contribute to larger environmental goals. The initiative focuses on providing financial assistance to 200 farmers for cultivating horticultural saplings.



## Impacts :

- Environmental sustainability
- Carbon sequestration
- Soil conservation
- Combat climate change
- A healthier ecosystem
- Contributing to a cleaner atmosphere

## Road Map:



# Go Green – Horticulture Saplings Distribution to Farmers



## Carbon sequestration Value :

Supported the plantation of 53,136 fruit bearing trees.

These plants will sequester 1,465.00 MT of CO2 after 5 years as per calculation in Mundra Petrochem villages

Name of Fruit bearing Tree	Co2 Sequ Kg	No of Plants	Total Co2 Seq - Kg
Mango	41.47	33,780	1,400,856.6
Custard Apple	4	1,300	5,200
Dates	12.8	15,856	2,02,956.8
Coconut	26.87	2,200	59,114
<b>Total</b>		<b>53,136</b>	<b>1,465,170.6</b>



# Event: Horticulture Sapling Distribution and No Plastic Drive

Noteworthy event unfolded at the serene Sonal Mata Ji Temple in Vakrai - Moti Bhujpur, organized by Adani Foundation and Adani Petrochemicals. The focus of this gathering was giving away horticulture saplings through financial assistance, a symbolic step towards fostering a cleaner and sustainable environment.

Our esteemed guests for this event include R N Parmar, RO GPCB; Javed Sindhi, Mamlatdar Mundra; Vinay Kumar Singh, Head ESG MPL; Bhagwat Swaroop Sharma, Head Environment; Panktiben Shah, Head CSR Gujarat; Vishnu Patidar, ESG expert; and Laxmiben Ninjan, Sarpanch Bhujpur.

Mr. R.N. Parmar addressed the imperative need for cultivating a green and healthy environment for current and future generations. Additionally, he praised the efforts of Adani Petrochemicals and Adani Foundation, emphasizing the importance of sustainable practices.

**The primary objective of the event was to extend financial support to 200 farmers, each receiving Rs. 10,000, a transaction gracefully facilitated by Mr. R. N. Parmar, virtually transferring funds to their bank accounts, funded by Adani Petrochemicals. Presently, MPL is aiding over 300 farmers in planting a total of 53,136 fruit-bearing plants.**

The event further shone a spotlight on past beneficiaries of drip irrigation and tissue dates distribution, who took the stage to share their experiences and express gratitude for the transformative support received. Adding a touch of artistry, small Utthan students staged a captivating environment protection act.

As the event wrapped up, a strong commitment was made to keep supporting and assessing efforts for a greener environment, contributing to carbon sequestration.



# Terrestrial Biodiversity

## Vruksh Se Vikas – Massive Drive

Since 2014, we has embarked a transformative journey to execute a wide range of tree plantation drive in collaborating with local communities and forestry departments .

**1. Miyawaki Forest Development:** Native species planation In the 2-acre area at Nana Kapaya village creating a flourishing mini-forest with 5,508 trees.

**2. "Adani Van":** Barren spaces were transformed into lush green havens through our massive public plantation drives. One notable example is the Bhupur Visri Mata Temple, where 23,000 trees were planted. Second example Momai Mata temple, Desalpar 10,000 trees were planted. Third Example Matiyadada at Bhujpur 8000 trees were planted. Fourth example Rasha pir, Dhruh 2-acre 5000 tree planted. Thus, in PPP Model 4 Adani Van were developed where 46,000 trees were planted.

**Prakruti Rath:** This initiative goes beyond just planting trees; it is about fostering a sense of responsibility towards our environment. Through 46,750 sapling distribution to individuals, we have empowered communities to take ownership of their surroundings, leading to a heightened consciousness about the environment's significance.

Till the date Total 1.49 Lac tree plantation have been done that has enriched the local ecosystem and significantly contributed to carbon sequestration

Completed the plantation of 1,49,889 trees. These plants will sequestrate 3180.00 MT of CO2 after 5 years as per calculation in Mundra Petrochem villages

1.49  
Lac tree  
plantation





# Coastal Biodiversity

Mangrove Biodiversity



In 2010, we initiated a mangrove plantation project at Luni coastal belt, ultimately leading to 162 hectares of dense mangrove forests. Subsequently, we expanded our efforts by planning and implementing a multi-species mangrove plantation across an additional 20 hectares. These plantations are diligently maintained and continually monitored. Notably, these forests have evolved into a thriving habitat for various marine and

migratory bird species, enriching the local ecosystem.. Since PhD scholars and students frequently visit this area for study, we plan to establish it as a Center of Excellence, serving as a hub to create awareness among students and facilitating research activities for scientist

Mangrove Plantation Work Detail				
Sr. No	Year	Number	Person days	Remarks
1	2011-12	50000	3000	
2	2012-13	125000	6943	
3	2013-14	60000	1480	
4	2014-15	125000	6501	
5	2015-16	65000	3533	
6	2016-17	20000	3125	
7	2017-18	100000	3666	
8	2018-19		7539	Algal Removal work
9	2019-20		6261	Algal Removal work
10	2020-21		4830	Algal Removal work
11	2021-22	97000	5200	
12	2022-23	100000	4445	
<b>Total</b>		<b>742000</b>	<b>56523</b>	

4+

Spices of Mangroves

60+

Coastal Spices as habitat preservation

160+

Hector Avicennia marine plantation

20+

Hector Biodiversity park

\* Funded by -Mundra Petro chem Limited

# Plastic Free Drive

## Objective:

The central aim of the Plastic-Free Drive is to empower and enlighten students as key agents of change, enabling them to disseminate awareness and instill the practice of reducing single-use plastics within their community.

**1. Educate:** Spread awareness about the harmful effects of plastic on the environment, marine life, soil health, and human well-being.

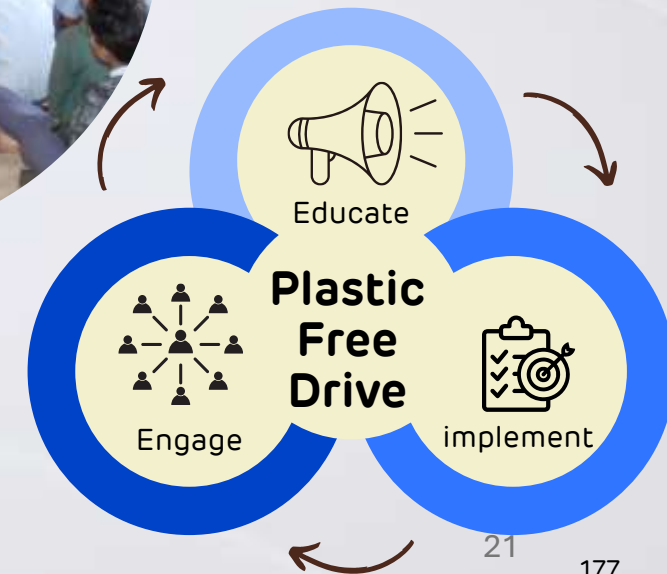
**2. Engage:** Mobilize community members, especially the youth and family members to actively participate in plastic waste reduction activities.

**3. Implement:** Introduce sustainable alternatives to ensure proper disposal and recycling. As of now we supply plastic to one NGO to prepare Garden benches. .

## Outreach :-

12000 Students of Primary Schools.

990 Students of Secondary Schools of Mundra Block.





5 Years

उत्थाव

2018-2023

adani  
Foundation

Celebration



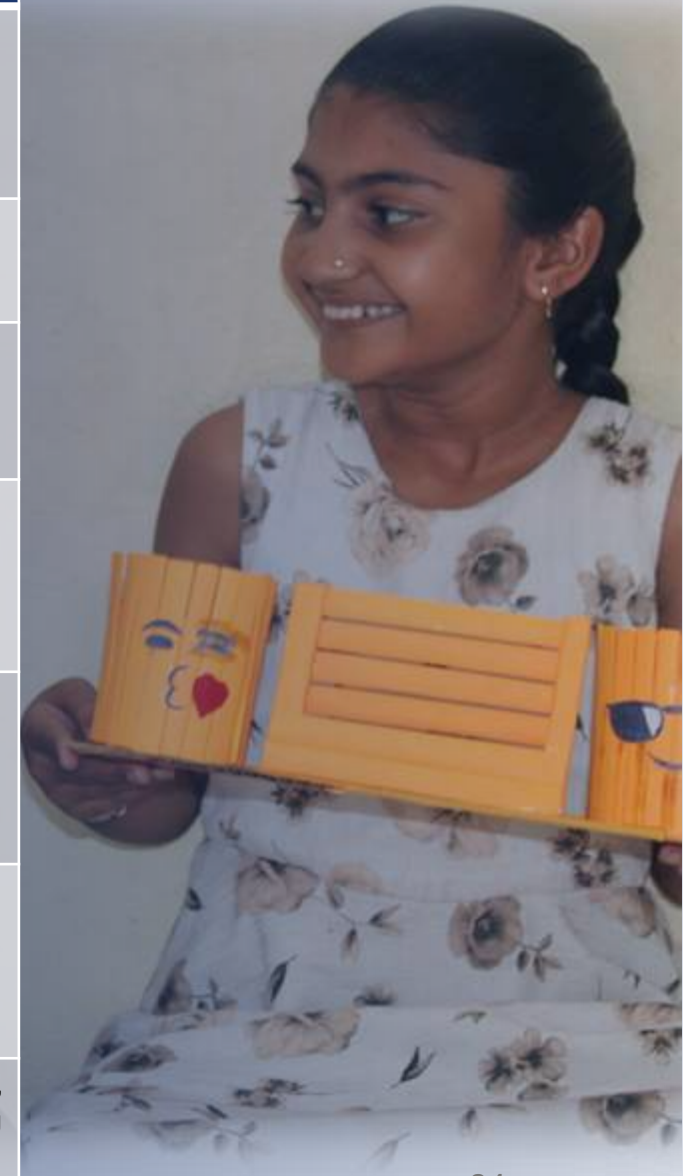


# Education: Utthan

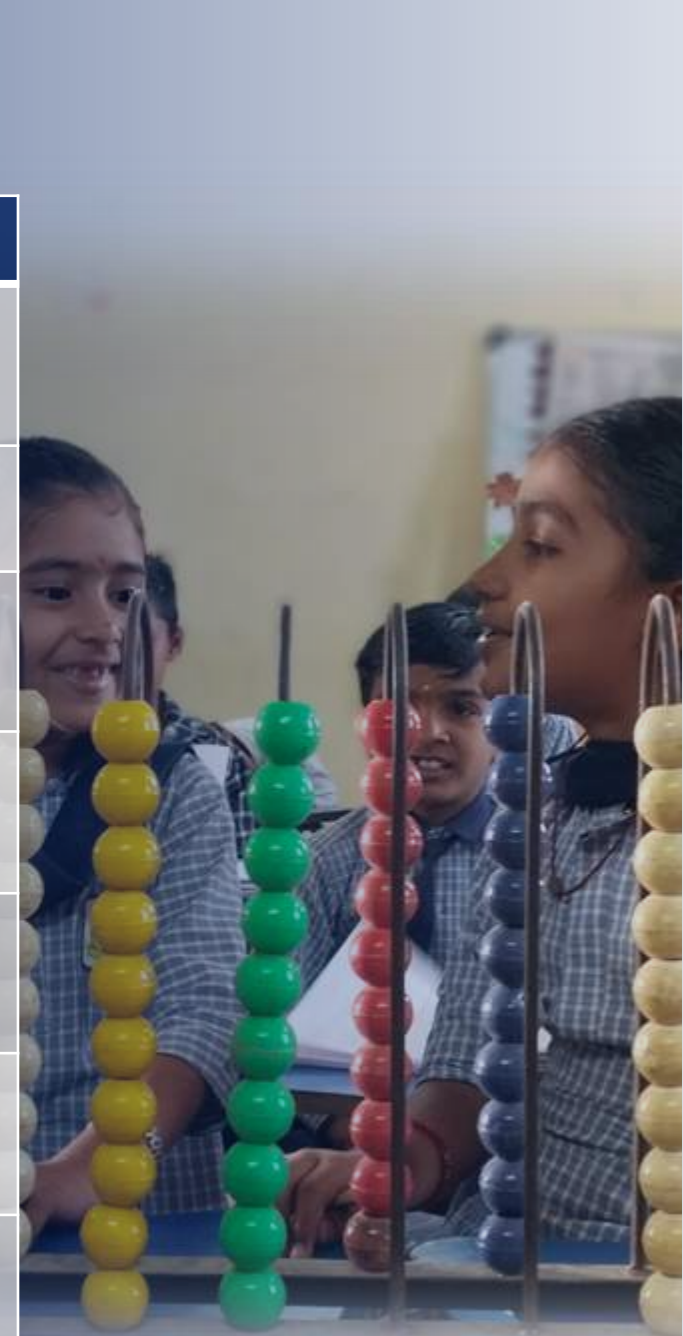
Project Utthan, an innovative initiative by the Adani Foundation by Mou with DEO, which aligns seamlessly with both the National Education Policy 2020 and the Sustainable Development Goal. By adopting government primary schools, Utthan fostering community engagement, it aims to create model schools that empower students and elevate education quality. By providing dedicated teachers and essential facilities, Utthan strive to enhance the Gunotsav results of primary schools and improve the Board results of 10th standard students. Project Utthan takes the lead in initiating various co-curricular activities to ensure the holistic development of students. Through capacity-building programs and collaborative efforts, we envision a future where every child receives holistic and empowering education, paving the way for a brighter tomorrow.



Utthan Initiative	SDG 4	NEP 2020	Benefited
Strengthening government Primary & High schools	Target 4.1.0 suggest to contributes to providing quality education for all.	4.1 and 4.2 - improving primary education.	31 Villages, 77 Schools, 12000+ Students, Efforts for Increase Gunotsav result & Board result.
Appointing an Utthan sahayak	Target 4.1.1 suggest to support students.	5.2 - focus on capacity building and support systems	70+ Utthan sahayak works as catalyst. Students: Teacher ration decrease.
Mainstreamed Progressive learner	Target 4.6.1 suggest fixed level of proficiency in functional	2.1 and 2.2 Mainstream students from progressive learners	Assessment : 6982, Progressive learners : 2541 Mainstreamed : 1278.
Providing required resources and facilities	Target 4.2.1 Suggest the necessary resources for effective learning.	7.4 and 7.5 emphasis on infrastructure development and resource availability.	Sports Kit, Music Kit, TLM Kit, Science Kit provided in schools.
Enabling joyful learning spaces	Target 5.1.2 Suggest positive and engaging learning environments	5.9 & vision of NEP suggest experiential learning to encourages creativity.	Smart Class with Navneet software+ Bala painting + Activity base learning.
Adani Students Development Center (ASDC)	Target 6.1.2 Suggest preparing students for future opportunities.	20.1 and 20.2 NEP's It resonates with the NEP's focus on holistic development and skill-building.	2 Adani Evening Education Center, 5 Adani Competitive Coaching Center, 5 Adani English Coaching Center
Introducing English as a Third Language	Target 5.1.2 Suggest other language learning.	4.13 emphasizes multilingualism and language learning.	Students: 5000+ Classes 1-4, Curriculum, Every Friday morning assembly in English



Utthan Initiative	SDG 4	NEP 2020	Benefited
Enhancing Reading Habits	Target 7.1.2 Promote literacy and a love for reading.	2.8 Supports the NEP's goal of enhancing reading & comprehension skills.	Redding corner , 1000+ Oasis workshop , 162780 Books CICO, 100+ Schools partner from 10+ Country in International school library month(ISLM)
IT on Wheels	Target 4.2.3 Promotes Digital literacy.	5.9 focuses on integrating technology in education.	2 dedicative van, 2 IT instructors, 55 laptops, 34 schools, Empowering 4170 students , 200+ High schools' students
Promote sports	Target 6.1.2 Suggest preparing students for future opportunities	4.8 promoting physical fitness and sports.	6 Students selected in District level sports school, Inspiring more 100 Students. Khel Maha Kumbh : 2000+
Teachers' & Sahayak Capacity Building	Target 4 C Suggest to qualified teachers by cooperation	2.6 emphasizing teacher training and professional development.	3500+ Hours Capacity building program + Webinar + Diksha + 10 full days training.
Formation of Eco Club	Target 5.1.2 Suggest to increase awareness of Environment.	4.44 Promoting environmental awareness.	Plastic free village workshop : 1250+ Students, Environment Awareness program & Tree plantation in schools.
Day Celebrations & Collaboration with GoG	Target 4.2.1 Suggest to inspire Holistic development of students	7.1 children of all ages should learn about arts, sports and careers.	Summer Camp : 6000+ Students Diwali Mela : 5500+ Students. 1400+ Parents participated.
Mothers as catalyst in transformation	Target 4.1.1 Suggest to inspire parents in growth of students	Aligned with NEP's Principles. Page No.6	Mothers meet : 700+ Mothers Joined: 15000+ this year. (Meetings + Home Visit)
Strengthening Stakeholders	Target 4.1.0 suggest to work	Aligned with NEP's Preface, Page No. 4	Support in Taluka, District & state level various initiative with DIRT, BRC, Strengthening SMC Committee.



# Utthan Marks 5-Year Milestone

Celebrating the extraordinary five-year journey of Utthan in Mundra, we hosted a remarkable event graced by the presence of distinguished individuals. Among them, the Director of Primary Education, Gujarat, Mr. M. I. Joshi, brought with him not only wisdom but also a sense of grace that elevated the occasion. Standing alongside were the District Development Officer, Mr. Prajapati, and the District Primary Education Officer, Mr. Sanjay Parmar.

Yet, beyond the notable dignitaries, the event witnessed the convergence of more than 2000 students, 416 school principals and teachers, and 145 School Management Committee Members. Their collective presence bore witness to a significant milestone in the enduring journey of Utthan, leaving an indelible mark on our hearts and memories.

In this gracious event, we commend the outstanding contributions of the Principal, Utthan Sahayak, and students who have excelled over the past five years.

During the event, the children showcased their incredible talents. They enthralled the audience with mesmerizing performances, including folk songs, classical dances, and vibrant folk Garba dance. The young talents also graced the stage with captivating dramas and much more.

The event was a true celebration of their skills and abilities, and it was executed with utmost dedication and excellence.





## Mother's Meet – Promoting Community Bond

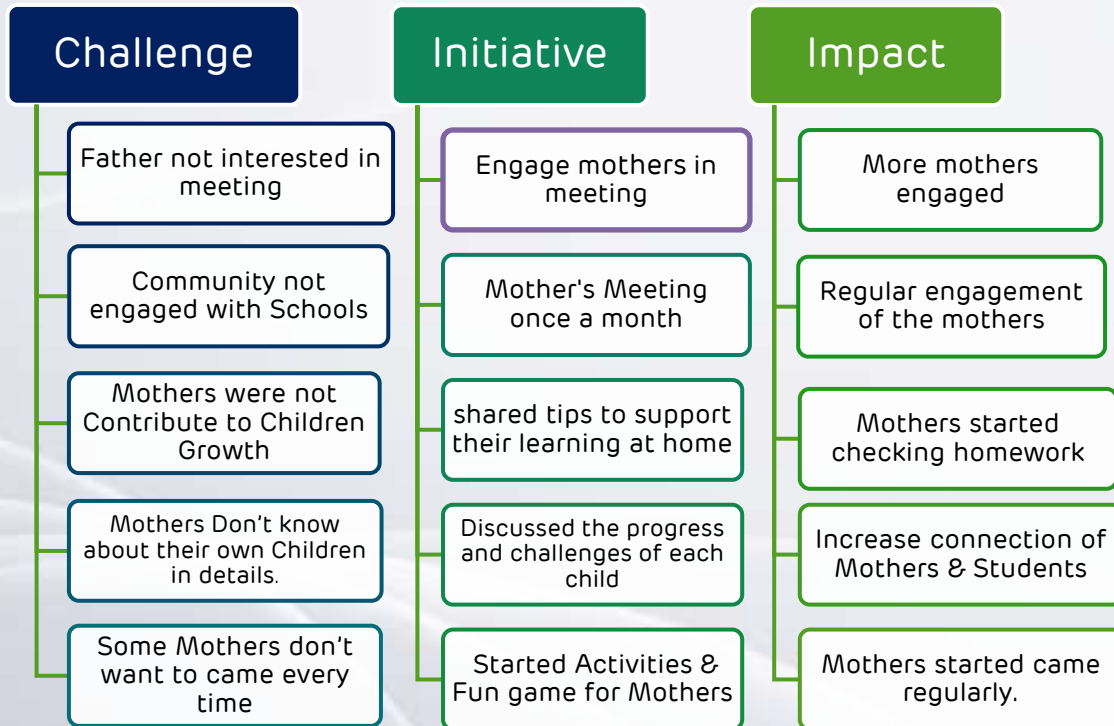
Mothers meet is special intervention of Utthan, This year, more than 15000+ Mothe's Joined in 700+ Mothers meet. Some of the challenges and impact of this initiative through out the year is as bellow:



**700+**  
Mother's meet



**15,000+**  
mother participated

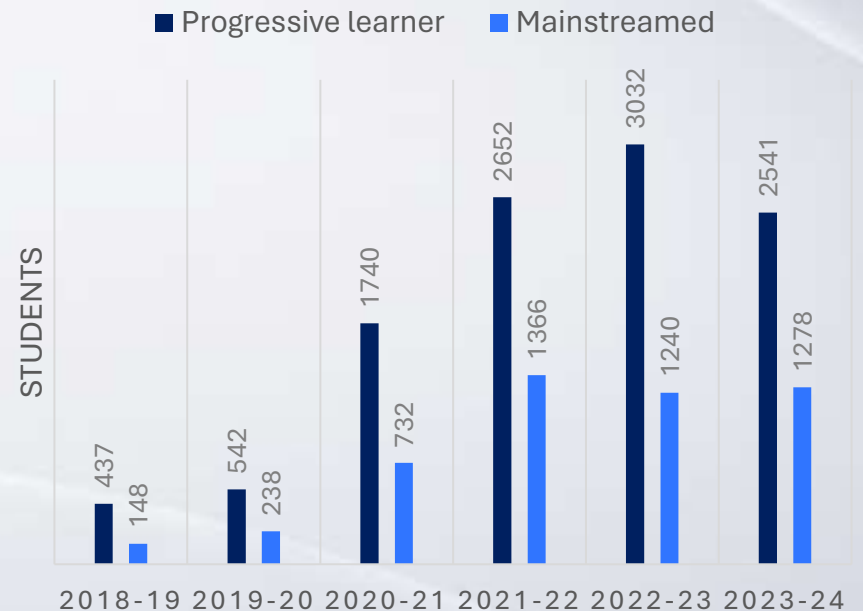


## Mainstreaming Progressive learners

Utthan, through its assessment, has identified over 2541 Progressive students out of 6459 from 3<sup>rd</sup> to 7<sup>th</sup> standard . Among them, 1278 students have been successfully mainstreamed. The key role played by Utthan Sahayak has been instrumental in achieving this success. Utthan's approach includes a customized syllabus, activity-based learning, and teaching at the right level. Additionally, Utthan actively involves mothers and members of the School Management Committee (SMC) in strengthening progressive learners. Below is the yearly outcome of our hard work:

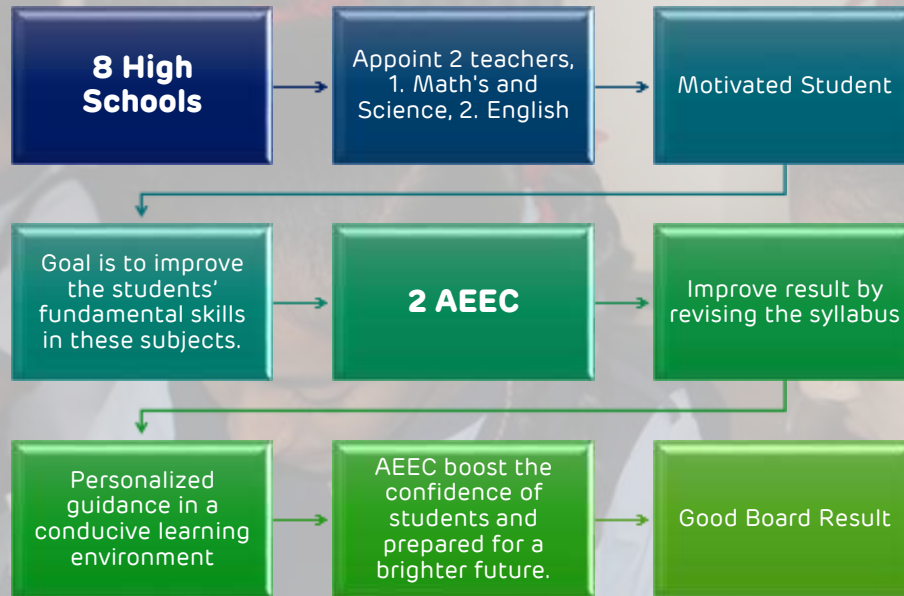


**1278 students**  
mainstreamed

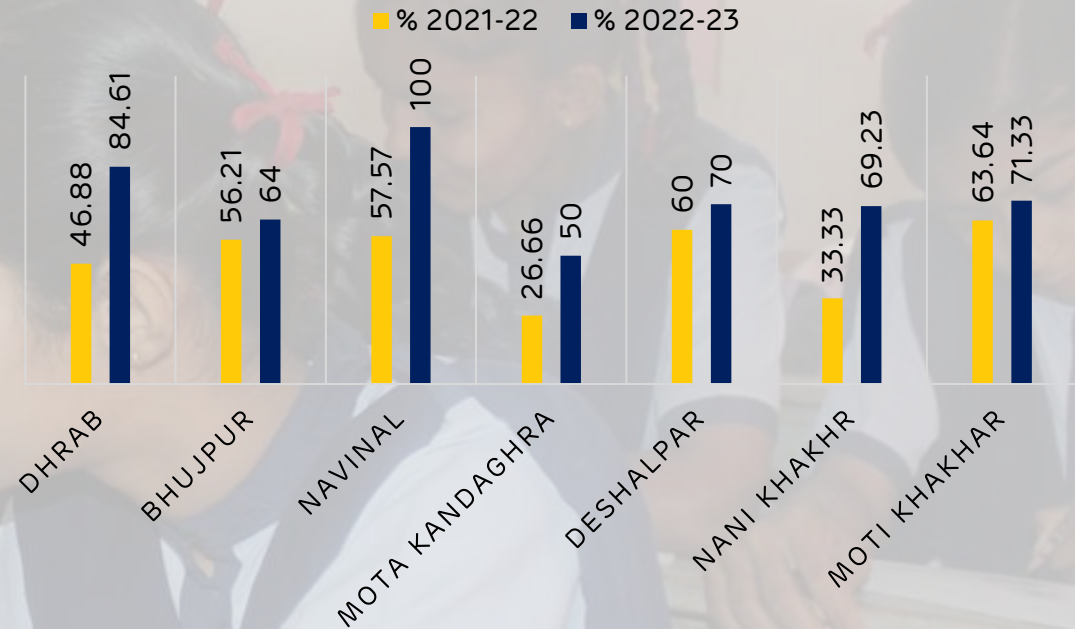




## Utthan in High Schools



## UTTHAN HIGH SCHOOL RESULT COMPARISON



## Utthan other various initiatives & Achievements

- ✓ Utthan won FOKIA Award under the category "Excellence in collaborative CSR Project.
- ✓ Utthan created special syllabus of Maths, Science & English to achieve good result in board exam.
- ✓ The Kutch University has conducted an impact assessment of IT on Wheels, which has been evaluated and certified by the DEO Office.
- ✓ Career Counselling in Utthan High Schools same remedial classes during summer break.
- ✓ Health awareness programs in schools, children of class 6 to 8 were made aware about health.
- ✓ High school girls' students celebrated Rakshabandhan with Shoulder at Boarder.
- ✓ 1000+ Students are preparing for competitive exam. Its more than double from last year.

# Adani Vidya Mandir, Bhadreshwar

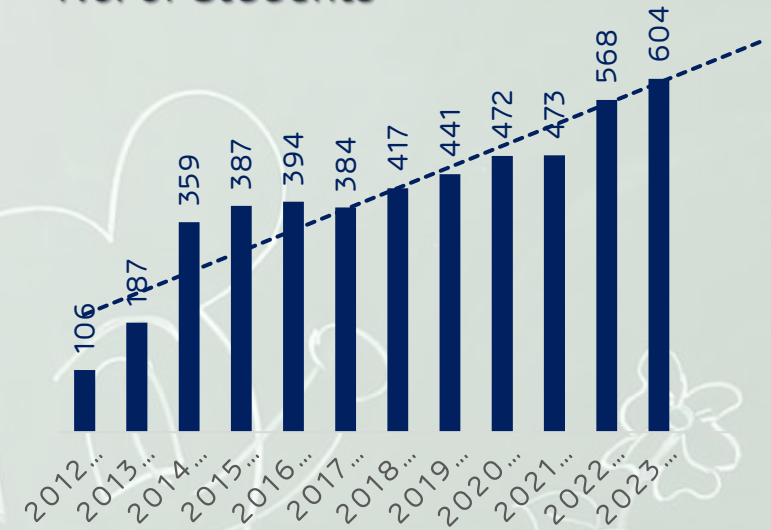
## Empowering Communities through Free and Compulsory Education

- Established in June 2012, school is a Gujarati Medium, Co-educational institution that adheres to the Gujarat State Board curriculum. It is a school for the students of KG to Class X. Starting its journey in a rented house in Bhadreshwar village, the school commenced operations with 80 students in class-I. Guided by a committed team of six teachers. In the academic year 2023-24, it proudly serves a student population of 604, with 174 students hailing from fisher-folk communities. 24 dedicated teachers are there in school. Committed to providing comprehensive and quality education, the school operates with a unique approach – offering education at no cost. Furthermore, the school extends support by providing complimentary uniforms, books, and stationery. It's noteworthy that all the students belong to the Economically Weaker Sections (EWS), emphasizing dedication to inclusivity and accessible education.
- School stands as a trailblazer, being the first state board school in Gujarat to receive accreditation from NABET under the Quality Council of India.



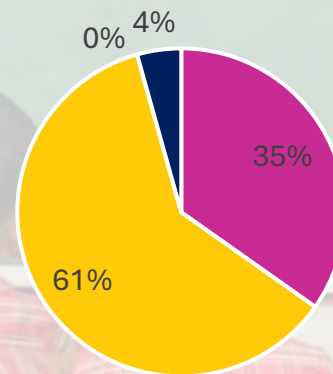
# Adani Vidya Mandir, Bhadreshwar

No. of Students



## Achievement in sports

- In August 2023, students of AVMB engaged in block-level sports competitions, excelling in Athletics, Kho-Kho, and Yoga. Team of AVMB: U14 & U17 boys secured 1st place in Kho-Kho and progressed to the district level.
- Notably, Abzal Reliva, a Class X student, clinched 1st position in Shot Put, and Hardev Jadeja from Class IX achieved 1st rank in Long Jump earning the opportunity to represent Mundra block at the district level.



■ Distriction    ■ First Class  
■ Second Class    ■ Pass Class

AVMB STD 10 – SSC Board Result (2022-23)		
Sr. No.	Grade	Student
1	Above 80%	8
2	Above 70%	8
3	Above 60%	6
4	Above 50%	0
5	Above 40%	1
Total Students		23



**100%**

**Success in Gujarat Board  
Standard 10th Examination.**



## Achievement in Arts:

- An Essay and Quiz Competition arranged by TATA BUILDING INDIA was organized on the theme of "Recycle". 81 students of AVMB participated. Winners were recognized and rewarded by Tata Group, Rajkot. Winner students received medals.
- School orchestrated a special moment. Parents were invited to the school where they had the honor of presenting medals and certificates to the winning students. Notably, Ms. Manjaliya Najirhussain Hasam hails from the fisherman community.
- 06 Students of Class VI to VIII appeared in PRARAMBHIK VISHARAD examination conducted by BRIHAD GUJARAT SANGIT SAMITI on 14/12/2023, School is waiting for the result.
- 19 Students of Class V to IX wrote inspirational stories in Gujarati language all the stories were submitted to a publisher name: Jagdish Jepu, among them 01 story of Maheshwari Raj of Class IX title: Importance of Every individual" published in "GULSHAN" magazine in 10th edition on 11/10/2023.



# Annual Function in AVMB

- On 5 March 2024, the school celebrated its 12th annual day with a pledge to plant over 25000+ saplings over 3 years in the school premises and in the surroundings, including mangroves in the coastline. The annual day named Utkarsh was aptly linked with the United Nation's Sustainable Development Goals, especially highlighting environmental consciousness.
- Utkarsh gave these students a platform to celebrate the ethos of environmental conservation with a lot of take aways in terms of showcasing learning through models based on SDGs and working models on environment and water conservation. The students presented various sustainability goals through skits, songs, and poetry narration in an enthralling event in AVMB.
- The highlight of Utkarsh 2024 was a pledge that students have taken to plant 25000+ saplings towards greening the region. The fishermen community also came forward to support the children in achieving this pledge. AVMB is committed towards contributing to a secure world. At the event, all 17 SDGs were presented in two sections – 1) Exhibition – through models, charts, and painting and 2) Drama, dance, and songs. The carefully curated event by the teachers under the guidance of the Adani Foundation sensitized the guests on the seriousness of causes, especially the importance of preserving the coastal biodiversity.
- Mr. Jugeshinder ('Robbie') Singh, CFO of Adani Group, chaired the program. He was impressed by the state-of-the-art facilities of the school and especially by the knowledge showcased by the children on the topics which are generally taken up and discussed in higher academics, policy roundtables and corporate chambers. He said, "I am humbled to be here and seeing fantastic knowledge and models presented by these young children. I am sure each of them will make great progress in their lives, become financially independent and help their families, communities and our great nation."







### Natural Farming (Cow based Farming):

Adopting sustainable practices i.e., organic pesticides/bio enzymes, Jivamrut, Vermi compost, and bacterial culture to enhance Agri yield.

- First and Second phase Training given to 2200+ Farmers to motivate for Natural Farming
- 2500+ Farmers supported by 25000+ Fruit bearing Saplings. Natural Farming Training will result in 15-20% increase in income after 3 years.



# Udaan GET INSPIRED Inspiring Minds



## About Project

Udaan is a special project inspired by the life-changing story of Mr. Gautam Adani. As a child, he had visited the Kandla port in Gujarat, and after looking at the expanse of the port, he dreamt of having his own port one day. The rest is history. Under this project, exposure tours are organized wherein school, college students, faculties, employees from corporates are given a chance to visit the Adani Group facilities. Under this project, services are absolutely-free of cost for government schools.

### Vision

To create a pool of inspired young minds for nation building at a global scale.

### Mission

To motivate young students to dream big by exposing them to world-class industrial facilities.



Total no. of visits

**7019**

Total no. of participants

**447541**





**Project Site**

**Mundra, Gujarat**

(Site commenced on Dec 2010)

**Adani Ports and Special Economic Zone Limited (APSEZ)**

India's largest port operator and SEZ

**Adani Power Mundra Limited (APMuL)**

India's largest single location coal based private power plant

**Adani Wilmar Limited (AWL)**

Asia's largest single location edible oil refinery

**MSPVL - Adani Mundra Solar PhotoVoltaic Limited**

India's first and largest vertically integrated solar company

**Mundra Windtech Ltd**

A wind turbine taller than the world's tallest Statue of Unity.



Students (Male) 15043

Students (Female) 10557

**Total Participants**  
**25600**

Faculties 1403

**School Category**



**College Category**



**School Board**



**College Type**



**School Medium**



**College Faculty**





# Sustainable Livelihood Projects

# Sustainable Livelihood - Animal Husbandry

In the face of dwindling rainfall and increasing salinity in groundwater, agriculture is under threat. Recognizing this challenge, the Adani Foundation has initiated various interventions to foster the holistic development of agriculture and animal husbandry.

## Pashudhan initiative:

Two vital pillars of this initiative:

Preventive Health Care & Fodder Support Program

### Preventive Health Care: Cattle Health camp

The Adani Foundation, in collaboration with the Animal Husbandry department, organizes cattle health awareness and vaccination programs in 24 villages surrounding our area. These camps bring together government veterinary doctors who conduct check-ups and administer treatments for common ailments. The remaining medicines and vaccines are provided by the Adani Foundation.

These programs are highly effective in maintaining the optimal health of livestock and safeguarding them against deadly diseases like Foot-and-Mouth Disease (FMD) and Clostridial infections. The vaccines used are specifically designed to offer long-lasting immunity against specific diseases, ensuring the continued health of the animals even in harsh environmental conditions.



\* Funded by - Kutch Copper Limited



## Fodder Support:

Our Fodder Support Program is dedicated to assisting our neighboring villages during the challenging seasons of summer, drought, and crop failures. Through this program, we have provided a significant amount of Green and dry Fodder to ensure the well-being of both the communities.

**Adani Foundation provides good quality dry and green fodder to 24 villages in our vicinity, covering 15,005 cattle of 2070 Cattel owners.**

## Grass Land development:

AF converted 18 acres of denuded village common pastureland (Gauchar) into fertile and productive grassland in Zarpara and siracha village to transform into Fodder Sustain village with Community participation and responsibility for maintain and Monitoring.

Among that 18 Acre of Gauchar land is fenced and sowed with Multispecies Green Fodder with Having Good nutritive value. More than 1500 Cattle will sustain with Improving quality and quantity of milk.

1500 cattle get benefitted by green fodder for 30 days – which increase 0.5-liter milk quantity of 50% cattle.

(750 cattle x 0.5-liter milk quantity Increase x 40 INR per liter=Rs.15,000/day).

**This Intervention could benefit ₹ 4,50,000.**

14,38,163 Kg Dry Fodder Support  
45,85,278 Kg Green Fodder Support  
24 Beneficiary Villages  
15005 Cattle Benefitted  
2070 Cattle Owner Benefitted

**“It would be highlighted as best Demonstration and replicate in the other villages as sustainable fodder development project”**

\* Funded by - Kutch Copper Limited



# Sustainable Livelihood - Fisherfolk Community

Persistent efforts for Fisherman development:

**598** Education Kit Support

**273** Fisherman Shelter Support

**1,247** Vehicle transportation support

**106** Cycle Support to high school going students

**613** Scholarship Support

**419** Youth Employment

**195** Linkages with Fisheries Scheme

**3,534** Ramatotsav Community Engagement

**56,523** Man days Mangroves Plantation



# Empowering Fisherfolk Communities through Education



## Vehicle Transportation Facilities:

Ensure seamless access to education for school-going children from Luni, Randh and Juna Bandar Fisherfolk Students in reaching the nearest School, eliminating barriers to regular attendance.

**146** Students supported Mundra Taluka

**58** Students supported at Mandvi Taluka



## Educational Awareness Sessions:

Through targeted awareness sessions in Fisherfolk Vasahats, we promote the transformative power of education, with a particular focus on advancing girl-child education.

**487** Students motivated for high school Education



## Cycle Support:

Overcoming transportation obstacles, our cycle support initiative enables six 9th standard fisherfolk students from Juna Bandar to continue their education with ease.



## Scholarship Support:

Provide scholarship support to 31 deserving students, covering their higher secondary school fees. Emphasizing gender equality, we offer 100% fee support to female candidates and 80% to male candidates.



## Education Kits Support:

Equipping fisherfolk students in grades 9 to 12 with essential tools for academic success, including notebooks, guides, and study bags, we empower them to pursue their educational aspirations with confidence.

**15** Students supported at Mundra

**42** Students supported by Mandvi



### Assisting During Emergencies:

Fisherfolk Home were significantly damaged by the Biporjoy Cyclone. In response to that we provided 2696 cement sheets to 336 fisherfolk households of Juna Bandar, Luni, and Randh Bandar to support their recovery.

**336** Fisherfolk house benefited



### Fostering Youth Employment:

At APSEZ Mundra, our mission revolves around providing sustainable employment opportunities for the local fishing community. We serve as a bridge between industries and Fisherfolk youth, facilitating job placements to enhance livelihoods. This year, we have successfully engaged 115+ Fisherfolk youth, paving the way for a brighter future.

**115+** Fisherfolk youth employed



### Strengthening Fisherfolk women:

Through comprehensive health and hygiene initiatives, we empower Fisherfolk women. Our programs include family planning resources, menstrual hygiene workshops, nutrition advocacy, and health awareness sessions covering vaccinations, clean water access, and mental health support.

**449** Women benefited



### Potable Water Distribution:

Providing potable water facilities to 9 Fisherfolk Vasahats daily, either through water tankers or by establishing linkages with the nearest Gram Panchayat. This initiative benefits over 5000 Fisherfolk, significantly improving their health and productivity.

**5000+** Population benefited





# Sustainable Livelihood - Agriculture

Sustainable agriculture is a powerful force for good, safeguarding our environment, public health, communities, and the welfare of animals.

Through practices like soil enrichment, diverse crop patterns, eco-friendly cover crops, natural farming methods, orchard development, tissue culture, and water harvesting, sustainable agriculture ensures the well-being of our ecosystem while replacing harmful chemicals with healthier alternatives.

This year, the Adani Foundation continued its strong commitment to advancing natural farming in Mundra. Through various initiatives and partnerships, we provided crucial support to local farmers, empowering them with knowledge and resources to transition to sustainable practices.



**2200+**

Farmers educated in natural farming

**800+**

Farmers embracing natural farming methods

**200**

Farmers got financial assistance of Rs. 10,000

**3**

District level exposure visit

**₹ 36.7 lakh**

Business done by our benefited Farmers

*It's more than just a farming practice; it's a commitment to nurturing our planet and enhancing lives.*

# Promoting Natural Farming

The Adani Foundation is dedicated to advancing natural farming through a cow-based farming initiative. Our interconnected techniques aim to boost farmer yields, with a primary focus on enhancing soil quality. We conduct pre-testing and post-testing to manage soil carbon content effectively. These are our endeavor for promoting natural farming this year:

## Training

Conducted training for **1250 farmers in 16 villages**, enlightening them about the harmful effects of chemical fertilizers. Demonstrated how to produce organic fertilizer using household products, emphasizing its benefits and cost-effectiveness. After adopting it, they witnessed its positive effects on their fields.



## Kitchen Garden Kit

We have supported vegetable kitchen garden kits to 500 farmers with the aim to enable them to grow fresh and nutritious, chemical-free vegetables. This will enhance their food security and promote self-reliance.



## Empowering Farmers

This year, amidst the aftermath of the cyclone, we stood by our farmers and held dedicated meetings with KVK, KCS, and DRC to restore the fallen date trees. Collaboratively, provided JCB, technical support, organic fertilizer etc. Successfully restored **615 trees**. **Each Date trees is projected to yield approximately Rs. 25,000, Total Yield in Next Season:- Rs.1.53 Cr.**

## Financial Assistance

Extend financial support to 200 farmers, each receiving Rs. 10,000, a transaction gracefully facilitated by Mr. R. N. Parmar, virtually transferring funds to their bank accounts, funded by Adani Petrochemicals. This fund will help farmers in planting a total of **53,136 fruit-bearing plants**.



# Raj Shakti Prakrutik Kheti Sahkari Mandali

The Adani Foundation has taken a proactive step by organizing awakening and awareness sessions to promote natural farming practices in Mundra block Villages. These efforts led to the formation of the "Raj Shakti Prakrutik Kheti Sahkari Mandali," comprised of 35 dedicated farmers who are deeply committed to natural farming. These are the activities done assisting the Mandali this year:

## Interaction with Governor

Rajshakti Prakrut sahakari Mandali had Opportunity to meeting with honorable Governor of Gujarat Achrya devvrat at Gandhinagar. They got the valuable knowledge by the him on Natural Farming and gave their farm's vegetables to sir.



## Appreciation by Governor

Governor of Gujarat, Shree Acharya Devvratji, encouraged 25 of our farmers practicing natural farming at the Krushi and Dairy Expo event in Bhuj. He motivating them to continue their commendable work for our mother earth.



## Exposure Visits

Our farmers embarked on three eye-opening exposure visits to Gautech-2023, Bansi Gir Gaushala, and Narayan Dev Dwisatabdi Mahotsav, where they learned about new agricultural tools, various seeds, organic products, and making of Gau Krupa Amrutam organic fertilizer

## Certification by GOPCA

We have successfully **certified 28 farmers** under the Gujarat Organic Products and Certification Agency (GOPCA). Now, they have authentic validation as organic farmers, ensuring they receive the best prices for their farm products.





# Kutch Kalptaru FPO (KKPC) and Prakrutik Mandli

To promote horticulture, the Kutch Kalptaru FPO (KKPC) was established in 2020 by farmers from Mundra Block to address various challenges they faced. With an initial 350 shares held by 280 shareholders, the company is now expanding to include up to 5000 farmers and 537 registered share holders.

In the current year, KKPC began selling 10kg capacity packaging boxes at a minimal profit margin of Rs. 29 per box, resulting in a turnover of Rs. 10.5 lakh and a profit of Rs. 75 thousand. This initiative has indirectly supported over 800 farmers.

Regular director board meetings and capacity-building training sessions have been arranged to ensure effective management and growth. Total Turn over is Rs. 33.67 Lacs current year which is four times higher than last year which shows remarkable progress of FPO.



**800**  
**Farmers**  
**benefited**

**₹ 33.67 lacs**  
**Turn over**



# Green Carnival

Today, finding truly natural, chemical-free food has become a challenge. Our fruits and vegetables are often processed with chemicals, stripping them of their nutritional value. But there's hope. For years, the Adani Foundation has been supporting farmers practicing natural farming methods. However, these farmers lacked a platform to sell their produce. That's why AF has launched the Green Carnival. At Shantivan, Samudra colonies in Mundra, and KCL's Mandvi colony, we've provided a marketplace for these farmers to showcase and sell their agricultural bounty. The response has been overwhelming.

Encouraged by the positive feedback, these farmers have even established an organic produce shop in Mundra, setting an example for sustainable agriculture. Today, over **302 farmers** are part of this initiative.

Previously, these farmers sold their harvest in bulk to vendors. Now, by connecting directly with consumers, they've seen a remarkable **35% increase in their income**.

The communities of both colonies are delighted and eagerly anticipate the Green Carnival every Sunday. Together, we're not just changing food habits, but also supporting the livelihoods of those who cultivate our food, and nurturing a healthier, more sustainable future.

**Total Green Carnivals = 37**

**Total Sell = 8,623 kg**

**Revenue = ₹ 3,01,805**





## Sustainable Livelihood - Women Empowerment

Women's empowerment holds a significant place within the Adani Foundation. Since its inception, the foundation has been dedicated to strengthening women by providing training, essential materials, and creating platforms for them to sell their products. Additionally, the foundation collaborates with the government to establish Self-Help Group (SHG) initiatives, enabling women to conduct their

businesses more effectively and encouraging savings. Through various training programs, the Adani Foundation empowers women, fostering their growth and self-reliance. Moreover, the foundation is acutely aware of hygiene and health, actively involving women in initiatives related to these crucial aspects. The holistic development of women is at the core of the foundation's approach and strategy.

**We dedicated to empowering women both financially and socially. To that end, a comprehensive training program that has reached 850 women across 82+ Self Help Groups with 35+ Lacks saving Corpus, out of which 5 groups have outstanding revenue generation.**

# About - Project Saheli



## Self Help Groups

- ✓ 82 Self Help Groups in coordination with National Rural Livelihood Mission.
- ✓ 850+ Members
- ✓ Over Rs.35 Lacs Saving Amount Corpus



## Job Sourcing - Govt

- ✓ 11 Women supported for application and process of Gram Rakshak Dal, Bank Sakhi , Bima Sakhi and Professional Resouce Person.
- ✓ Average income Rs.4200 Per Month



## Making SHG Self Reliant

- ✓ 16 SHG are making strides towards self-reliance.
- ✓ Various handicraft, dry and fresh food making, stitching, tie and die etc.
- ✓ 175+ women - Monthly average income @ Rs.7000 of each member/Month



## Social Empowerment

- ✓ 2 Livelihood Enhancement Training through RSETI
- ✓ Financial support for business set up
- ✓ Legal rights and domestic violence workshops
- ✓ Family counselling for Job sourcing



## Job Sourcing - Private

- ✓ Coordination for Job by Unnati Portal with Adani Group company companies, Britania, B Medical and Emphazer company
- ✓ 398 Women supported till date for job sourcing.
- ✓ Average income Rs.10200 Per Month

## Revenue of each SHG in the FY 2023-24

Name of IG activity of SHG's/JLG/FPC's	Income 2023-24 (INR)	Cumulative income (INR)
Sonal Saheli	480250	3027450
Jay Adhar Saheli	26,500	252,066
Tejasvi Saheli	325000	3,390,150
Umang Saheli	76500	225800
Vishvas Saheli	26300	511400
Jay Momay Saheli	21000	151500
Meghadhanush Saheli	116950	597450
Sanitary Pad Group	71300	746300
Radhe Saheli	31000	870418
Shrddha Saheli	486580	1107580
Chamunda Saheli	21900	1726400
Jay shakti Saheli	2500	605500
Food Sister Sahlei	898250	898250
Jyot Saheli	40800	40800
Pantjanpir gau Saheli	412000	412000
<b>Total</b>	<b>3036830</b>	<b>14563064</b>

# Highlights of the Work done by our SHG!



## Australia 29th PM visit: Exhibition in Adani Solar

The 29<sup>th</sup> PM of Australia, Mr. Malcolm Bligh Turnbull and his wife Lucinda Mary Turnbull visited Adani, Mundra. At Adani Solar, they saw our 20+ SHG exhibition stall and interacted with over 180 working women from SHGs. Mr. Turnbull was genuinely thrilled to see women stepping out of their homes, crafting beautiful pieces, and supporting their families. Mr. Malcolm Bligh Turnbull – “It’s empowering to witness women taking charge of their livelihoods and making a difference.”



## Sathwara Mela 2023-24

The event unfolded with the captivating theme of 'Powering Art Empowering Women,' setting the stage for an extraordinary celebration. Held at the prestigious Adani Corporate House in Ahmedabad, the inauguration was graced by the esteemed presence of the Honorable Chairperson of AF, Dr. Preeti G Adani, Mrs. Shilin R Adani, and Shri V.S. Gadhvi. We were delighted to welcome over 500 enthusiastic visitors to our stall, contributing to the resounding success of the event. **Notably, SHG Groups earned a remarkable income of over Rs. 75,000.**



## Switzerland delegate visits SHG

Switzerland delegates made a memorable visit to Adani Solar to witness the exceptional craftsmanship showcased by our SHG exhibition. Captivated by the intricate artwork, they engaged with the women, gaining a profound understanding of their skills and purchasing a significant quantity of goods. **Overwhelmed by the quality of workmanship, they graciously extended their support by sponsoring \$100 (90,000 INR) towards our SHG.** This monumental gesture marks a historic milestone for our group.



### Handicraft Day Celebration

After 3-day training from Shrujan, hosted an exhibition showcasing handmade crafts by women, alongside interactive workshops on handicraft techniques.



### Workshop on Women Health

Aware the women connected to our SHG about mental and menstrual health care, benefited over 130 women, especially those neglecting personal well-being during menstruation.



### Gauchar Cleaning Abhiyan

At Bujpur, 31 women initiated the 'Gauchar Cleaning Abhiyan,' with support from AF's Loader Machine. This collaboration aims to enhance environmental preservation and community development.



### Women's Day celebration

Celebrated Women's Day with entrepreneur training and mental peace awareness sessions, attracting over 100 participants.



# Community Health




Ensuring good health is not just a priority; it's the cornerstone of a thriving community. At the heart of Kutch, the Adani Foundation is dedicated to nurturing well-being and facilitating access to expert medical care. Collaborating closely with G.K General Hospital in Bhuj and Adani Hospital in Mundra, we tirelessly strive to enhance community health standards.

For over a decade, our commitment to community care has been unwavering, manifested through our Mobile Health Care Units, Rural Clinics, and Ayushman Cards linkages with the beneficiaries and THO. In recent years, a concerning trend of Viral, kidney and ortho related diseases has emerged due to salinity ingress. In response, we have orchestrated a series of specialized health camps to address these issues, offering essential treatment support while fostering awareness about preventive measures.

We firmly believe that both preventive and curative healthcare are fundamental pillars for sustaining community well-being and fostering economic prosperity. Our aim is to strike a harmonious balance, paving the way for a journey of longevity, vitality, and fulfilment for all those under the care of the Adani Foundation.

# Summary of Healthcare Initiatives for the Year

This year, we provided **41,546** medical health services and conducted health awareness camps for **763 High school students**. Our annual medical facilities have made a significant impact in improving healthcare access and awareness. Here are the direct beneficiaries of our endeavor:


 **2,108** Medical Support to needy patients


 **118** Dialysis Support


 **10,477** Mobile Van

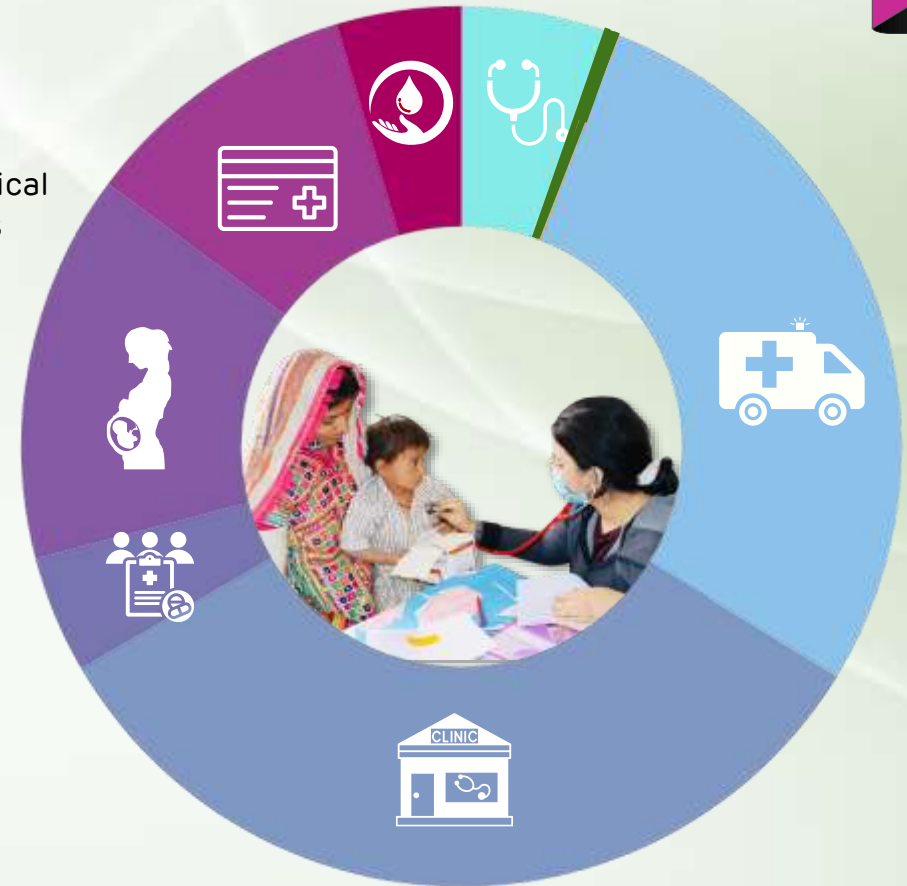
 **12,850** Rural Clinic









 **1,618** Health Camp

 **5,795** Specialty Health Camp

 **6,865** Ayushman Card till date

 **1,715** Blood Donation Camp



-  Medical Support – 5.5%
-  Health Camp – 4.3%
-  Dialysis Support – 0.3%
-  Specialty Health Camp – 15%
-  Mobile Van – 27.2%
-  Ayushman Card – 10.02%
-  Rural Clinic – 33.3%
-  Blood Donation Camp – 4.5%





## Rural Clinic & Mobile Health Care Unit

Health stands as the cornerstone for community development, and to revolutionize rural healthcare, the Adani Foundation has launched the 'Mobile Health Care' and 'Rural Clinic Service'. These initiatives aim to offer primary, preventive, and curative healthcare services accessible in remote and inaccessible areas, a commitment upheld for over a decade.

### Rural Clinic



Rural clinics extend their services to 5 villages in Mundra and 2 villages of Mandavi Block. The services of both MHCU and Rural Clinics are accessible to patients at token charges of Rs. 20 per visit.



### Mobile Healthcare Unit

MHU is equipped with a range of integrated medical devices enabling staff to conduct preliminary check-ups. With over 90 types of essential lifesaving medicines available, the Mobile Health Care Unit covers 29 villages with 7 fishermen settlements. Services provided include blood pressure checking, sugar testing, and ECG assessments.



# Ayushman card facilitation

In a world where medical costs are overwhelming, the Ayushman Card offers hope by providing affordable access to quality healthcare. The Adani Foundation bridges the gap between the government and those in need ensuring that 3865 people received this vital resource. Ayushman Bharat PM-JAY provides Rs. 10 lakhs per card owner for secondary and tertiary care, Adani Foundation is aiming to achieve 100% coverage in Mundra's villages.

**25** Village

**6,865**

**Ayushman cards Issued**

**686.50 Cr**

**Health insurance**

*\* Funded by - Kutch Copper Limited*



# Supporting Individuals



The Adani Foundation extends financial assistance to the most economically challenged patients facing life-threatening diseases such as those related to the heart, liver, kidney, and cancer. This support comes with minimum participation requirements, ensuring access to crucial medical care.

In the current year, a total of 2,108 patients from Mundra, Mandavi, and Anjar Block have received support at Adani Hospital, Mundra. This assistance underscores our commitment to providing essential healthcare services to those in need, regardless of economic status. The medical staff of GKGH stood with us in these endeavors.

# Dialysis Support



In the arid region of Kutch, particularly in Mundra where saline drinking water is prevalent, cases of urinary stones and kidney failure are significant. To address this issue, a dialysis support project has been initiated to provide essential dialysis treatment to the most vulnerable patients, enabling them to lead healthier lives.

This year, a total of 2 patients have been supported with regular dialysis sessions, twice a week. Regular dialysis sessions have notably improved the patients' conditions, extended their life expectancy and enhanced their quality of life.

# Special Camp

## Cataract-Free Mundra



The initiative is a dedicated effort to eradicate cataract-related vision impairments specially focused on Senior citizen through Meticulous planning as below.

**Lives Impacted :- 1131**

- Comprehensive Eye Screenings at Village level
  - Cataract Surgeries to GKGH ,Bhuj
  - Post-Operative Care and Follow-up
    - 5 successful Operation



This year Adani Foundation organized numerous special health camps, such as blood donation camps where 1715 donors contributed, helping save countless lives.



Conducted health programs for students, engaging 763 participants, and held sessions on Personal Health & Hygiene Awareness, addressing critical health issues and promoting overall well-being.



Our camps for pregnant women provided essential prenatal care, ensuring healthier pregnancies and safer deliveries. It benefited 809 pregnant women.



Conducted a pediatric health camp, nurturing the health of 628 children and ensuring their well-being.

GKGH medical staff support in all camps.

# Preventive health Campaign

The Adani Foundation is focusing on providing preventive healthcare to women and adolescent girls, raising awareness of Physical and Mental health issues, promoting healthy behaviors, implementing Menstrual hygiene initiatives and Millet consumption for healthy body.

## Sample Survey Report 2023-24

- 55%** Never heard about Menstrual hygiene
- 60%** Are using cloths on regular basis
- 36%** Had never used sanitary pads
- 68%** Had no information about UTI
- 30%** Never used millets in their diet
- 60%** Never heard about millets or it's benefits.



## Menstrual & Mental Health Awareness Drive:



We organized impactful awareness camps in various villages, empowering women and adolescent girls with knowledge about menstrual hygiene, ensuring both physical and mental fitness.

### Impact:

- 36%** Growing usage of sanitary napkins
- 22%** reduction in UTI
- 2610** women & girls benefited

## International year of Millets – 2023



To promote millet culture and raise awareness about its benefits in Mundra, we organized a Millet Competition across nine villages. **Over 715 women took part in the competition, while 2200 benefited from awareness sessions. Through this initiative, 300 indigenous millet recipes were showcased**, highlighting the potential for sustainable and nutritious dishes in our daily diets.

### Impact:

- 65%** of women are using millet in their regular diet.
- 17%** Women grappling with obesity and diabetes are experiencing positive transformations in their health, evident in significant weight loss.

# Millets Food Festival

In the wake of the "International Year of Millet" in 2023, KCL took decisive steps to promote the nutritional and empower women from remote area of Mundra Taluka.

Across the villages of Mundra Taluka, KCL organized a series of millet awareness camps and a thrilling millet food competition. The response was nothing short of remarkable, with 715 women actively participating and sharing 300 indigenous millet recipes. To commemorate this achievement, we hosted a grand millet festival at Adani House, in which 120 women showcased a diverse array of millet dishes, each one bursting with flavor and nutritional value.

But the significance of the event extended beyond mere culinary delight. Women spoke of how millets had become integral to their lives, aiding them in combating long-term ailments. They are very much grateful for these awareness camps and look forward to such health-promoting events.

At this event, we had the privilege of welcoming esteemed guests, including Mr. Sujal Shah (CEO, APSEZ), Mrs. Rachna Joshi (President, Mundra Nagar Palika), Mr. Pandya (Program officer, ICDS), Mr. Saurabh Shah (Head Corporate Affairs, APSEZ), and Mrs. Nehalben (Nutrition expert). Their presence added immense value to our gathering.



# Community Infrastructure Development

Adani Foundation is dedicated to enhancing the quality of life of communities under the Community Infrastructure Development Initiative. It acknowledges the government's role in providing fundamental infrastructure facilities and strives to bridge gaps, ensuring its activities are tailored to meet specific needs and responsive to grassroots requirements.

Some of the initiatives include constructing check dams, deepening ponds to augment water storage capacity, infrastructure support to fisherfolk communities, developing secure education premises and facilitating access to clean drinking water for villagers.



# CID endeavor of FY 2023-24



Renovation Check dam and CC road work at Nani Khakhar – 200+ benefited



Renovation of High School at Zaarapa – 2200+ Benefited



Construction of Pipe Culvert – 400+ Benefited



Construction of chain-link fencing at Mangra village – 300 people benefited



Gaushala Shed at Zarapara village – 400 cattle benefited



195 Stall – Vegetable market– 900+ Vegetable vendor benefited



Renovation of approach road, Zarapara – benefiting 400 villagers



Renovation of Civil and Electrical Work at ITI, Mundra - 500 students benefited

# CID endeavor of FY 2023-24



Construction of 21 Borewell Recharge in Nagmati River - 150+ farmer benefited



Check dam Desilting and restoration at Nana Bhadiya – 100+ farmers benefited



Renovation of Check dam at Pavadiyara village - 300 people benefited



Renovation of Balwadi at Juna bandar & Luni bandar



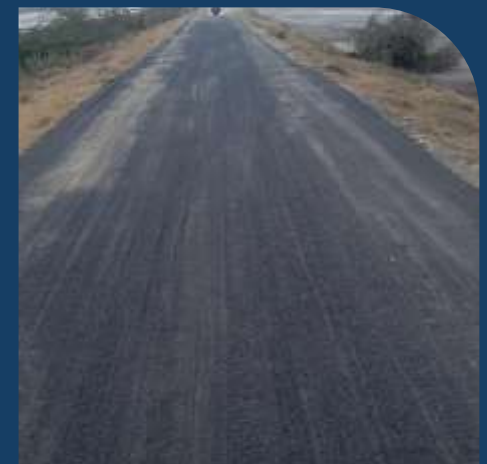
185 RRWHS construction is ongoing in various villages - will benefit 1300+ residents



Supply & installation of Solar panel (3.25 KV) at CGP, Mundra – benefiting 1200 people



Development of Model Farm in Zarpara, Siracha & Mangra – Benefiting 300 people



Renovation of approach road at various fisherfolk vasahat



# Community Resource Centre



Government Scheme Facilitation				
Sr. No	Scheme Detail	Gov. Support Rs/Month.	Total Beneficiaries	Total Amount per Month (INR)
1	Widow Pension	1250	674	28323150
2	Bal seva Ayog	2000	49	3430000
3	Divyang pension	1000	27	586000
5	Niradhar Pension	1000	126	5178000
6	Palak Mata Pita	3000	5	696000
<b>Total</b>			<b>1439</b>	<b>38213150</b>



Community resource Centre is the bridge between Government Schemes and real Beneficiaries. It is situated at Adani Field Office, Baroi with the motive to be Single window point solution (Online Application & Documentation) to Facilitate Government Schemes leveraged to needy and Eligible people.

**Till Date 1439 beneficiaries are getting aid of Widow Pension scheme, Senior Citizen and Divyang pension scheme and Palak Mata Pita Scheme 3.81 Crore Monthly by procedure support of AF.**

# Key Achievements of Community Resource Center

One time

Sr.No	Gove Scheme one Time	Gov. Support	Total Beneficiaries	Total Amount/Year
1	Covid Support One Time	50000	12	600000
2	Vahali Dikri @ 18 Year	110000	113	12430000
3	Divayang Sadhan Sahay one time	5000	176	880000
4	Manrega (NB21)	22000	32	704000
5	Pagadiya Sadhan Sahay Yojana	9000	9	81000
6	Gau Dattak Yojana	10800	857	9255600
7	Gobardhan Yojana	42000	100	4200000
8	Fishermen Shram Yojna		163	
			<b>1487</b>	<b>28150600</b>





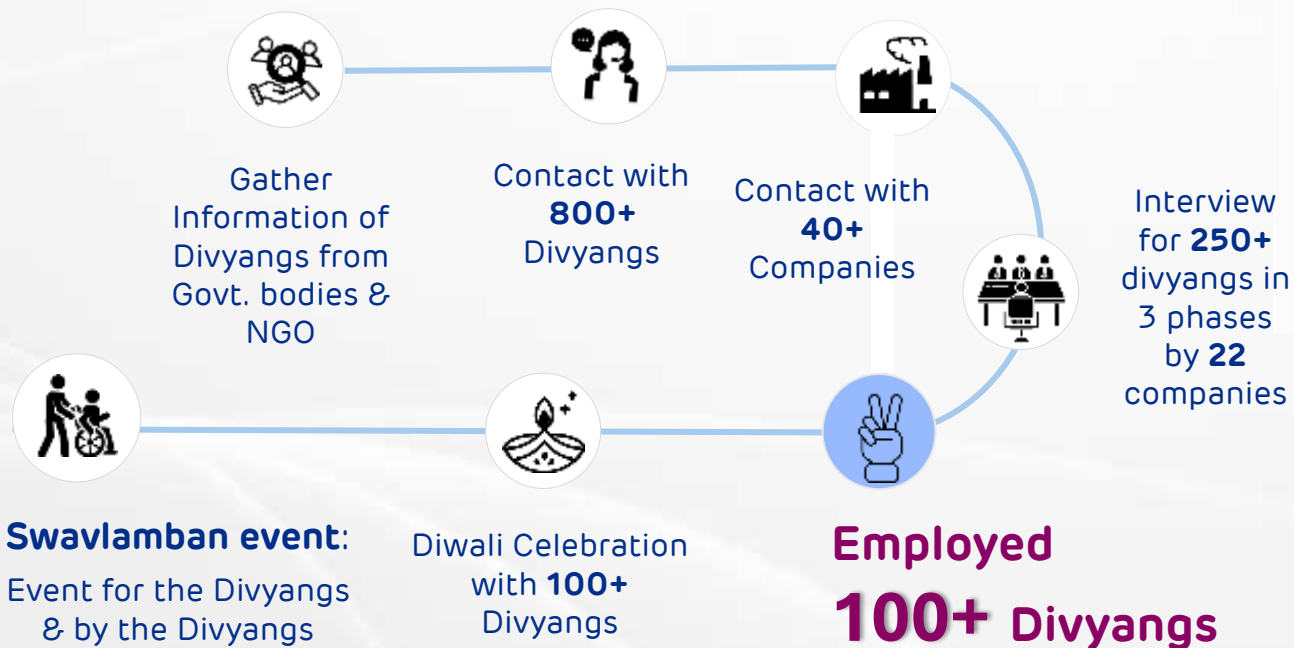
# Swavlamban - Project for Divyangs

Adani Foundation's vision extends beyond Aid, focusing on dignity and sustainability through meaningful employment. While equipment support offers mobility, employment bestows the dignity to stand tall in society.

With noble intentions in mind, this year, we organized a mega employment drive. Our goal is to provide job opportunities to over 100 disabled individuals.

We've conducted interviews in three phases, for 250+ divyang candidates engaging 22 companies from Adani Groups and other reputed firms in Mundra.

➤ Roadmap of this incredible vision:



# Diwali Celebration

After the successful completion of the 1st phase of the Divyang Employment Fair on November 8th, we gathered to share the joy of Diwali with over 100 remarkable divyangs.

In the spirit of uplifting divyangs, we have also invited advocates dedicated to the well-being of disabled people. Mrs. Anni Rakshit Shah and Mrs. Rupa Kapoor graced us with their presence as chief guests. Our invitation also extended to the HR representatives of Adani Group and SEZL companies.

On this auspicious occasion, we **equipped 32 divyangs with essential tools such as wheelchairs, tricycles, harmoniums, and facilitated 10 divyangs through government schemes.**

To express our gratitude to those who have dedicated their lives to improving the lives of disabled individuals, we honored them with certificates and mementos.

Just as we light up our homes with glowing diyas during Diwali, the smiling faces of these divyang individuals illuminated our Adani House during this event. It was a celebration that went beyond the ordinary, leaving a lasting impression of compassion and unity.



# Swavlamban Event

In the spirit of hard work and dedication, the Adani Foundation concluded its Divyang Employment Fair, marking a significant milestone in transforming lives. Through three phases of dedicated effort, the Foundation successfully secured over 100 employments, providing a newfound sense of self-reliance to individuals with disabilities.

Notably, 35 divyangs were equipped with essential employment tools, fostering self-sufficiency. To commemorate this achievement and honour the divyangs, companies, and advocates of inclusivity, the Foundation organized the Swavlamban event on December 5th at GAIMS, Bhuj.

The event garnered the presence of esteemed personalities, including Jeet Adani, Director of Adani Group, V.J. Rajput, Commissioner for Persons with Disabilities, and Nimesh Pandya, Ed. of Kutch collector, among others.

This celebration was a testament to the Foundation's commitment to redefining the narrative around disability and employment.

As the Adani Foundation rejoices in this achievement, it reaffirms its commitment to ongoing efforts that positively impact the lives of differently-abled individuals, embodying a vision of a more inclusive and empowered society.



# Our Pride from Divyang Employment Fair !



**Bhimaji Maheswari**  
DEO, Mundra Windtech Ltd



**Patani Govind Babu**  
Document Officer, KCL, Mundra



**Arjan Gadhavi**  
DEO, Adani Solar, Mundra



**Govind Maheswari**  
DEO, Mundra Windtech Ltd



**Devangh Gadhavi**  
DEO, Adani Solar, Mundra



**Jadeja Natubha Gangji**  
KCRC NGO, Bhuj



**Arti Nilesh Jethva**  
Trainer, ASDC, Mundra



**Bharat Makwana**  
CMR, Admin, Adani house

# Adani Skill Development

Adani Skill Development Centre (ASDC) is dedicated to enhancing employability and entrepreneurship. This year, ASDC has trained 50,00 individuals across Kutch, resulting in 65% livelihood generation. Their innovative courses cover diverse sectors, and they have played a significant role in empowering marginalized communities in places like Mundra and Bhuj, Gujarat. ASDC's vision is to make everyone skilled and employable, meeting industry demands through trained manpower.





## ASDC Mundra Center

Course Name	Gender Category		Total
	Female	Male	
Digital Literacy	04	03	07
Mud Work	180	00	180
JOC (RTG Crane Operator)	00	79	79
Hydrography	00	03	03
Advance Excel	00	18	18
Domestic data entry operator	23	30	53
Tally with GST	02	00	02
Hand Embroidery	170	00	170
Dori/ Macramé Work	90	00	90
Food & Beverage	20	12	32
General Housekeeper	60	00	60
Beauty Therapist	40	00	40
<b>Total</b>	<b>589</b>	<b>145</b>	<b>734</b>

## ASDC Bhuj Center

Course Name	Gender Category		Total
	Female	Male	
General duty Assistant	84	20	104
Digital literacy	46	16	62
Hydrography	9	0	09
Industrial Safety	1	0	01
5S	1	0	01
Entrepreneurship Development program	60	0	60
Domestic data entry operator	25	0	25
Financial Literacy	64	0	64
Diet and Nutrition	50	0	50
First aid	18	0	18
Interview skills	11	0	11
<b>Total</b>	<b>369</b>	<b>36</b>	<b>405</b>

# ASDC Mundra Center

At Mundra Center ASDC, our mission is to equip young individuals with the skills necessary for success. In the current year, a remarkable 734 youth have undergone comprehensive skill training. Our unwavering commitment extends to ensuring that every aspiring professional receives an opportunity for growth and development. Almost 99% of our fees are tied up with various companies, allowing students to access high-quality training without financial barriers.

## Other Activities & Achievements

- i. Women Empowerment through Skill Training: Provided Mud work training to 180 women in Mundra taluka villages supported by MPL.
- ii. RTG Crane Operator Training: Collaborated with APSEZ HR Team to train 79 students.
- iii. Dori Work and Hand Embroidery Training: Benefited 90 women in various Mundra villages supported by MPL.
- iv. Health Awareness and Career Sessions: 108 Ambulance Department enlightened GDA trainees at Adani Institute of Medical Sciences. Guest session on career advancement led by Mr. Kapil Goswami.
- v. Exposure Visit for Women: Women trained in Mud Work, Dori Work, and Hand Embroidery showcased their skills during a visit by foreign delegates to the Solar Plant.
- vi. Women's Related Training Seminar: Held at Matr Vandana College, Bidada, Mandvi.



# ASDC Bhuj Center

ASDC Bhuj, established following successful skill development initiatives, is a beacon for aspiring professionals. Driven by youth demand, this center plays a pivotal role in providing crucial training for self-development and enhancing personality traits.

Our mission is clear: to equip young individuals with essential skills that position them for success in the job market. With almost 58% of fees tied up by ASDC through strategic partnerships and 42% of fees contributed by students, we ensure that financial barriers do not hinder skill acquisition.

## Other Activities & Achievements

- i. Commendation from Shree Jeet Adani: Received appreciation for supporting the Divyang job fair.
- ii. Employee Development Initiatives: Conducted Advanced Excel training for 18 Sumitomo India Ltd employees
- iii. Entrepreneurship Development Program: Organized a comprehensive 12-day program with 60 diverse candidates.
- iv. New Trainee Orientation: Conducted sessions about SAKSHAM center and LMS registration at the Bhuj Centre.
- v. Civil Defense Training (5 days): Covered essential topics including Disaster Management, First Aid, 181 Mahila Helpline, 108 Emergency Services, and Fire Safety.
- vi. F&B & Housekeeping Batch Inauguration: 92 students trained to enhance employability.
- vii. Indo-Euro Project Seminar: Arranged at various Nursing Colleges in Kutch District. Focused on German Language training and job placements.
- viii. Crucial Meeting with ISAR & UNICEF: Discussed future skill development challenges and transgender equality on 9th December 2023.



# AKBPTL - TUNA



## CID:

The paver block work at Vandi and Tuna Common Gathering which enhances their usability and convenience for the community. Community hall Room construction at Rampar is completed. It will benefit 1010 fishermen.



## Potable Water Distribution:

Potable water (17.5 KL per Day) Distribution to Vandi, Vira and Dhavar varo Bandar on regular base through Water tanker Regularly through **AKBTPL and GWIL**. This initiative **benefited 2230 Fishermen**.



## Prakrut Rath -Tree Plantation:

Total 3000 Tree sapling were distributed to individual, And 500 tree have planted at Common place and school with ensure their responsibility for watering and caring.



## Fodder Support:

Support of Dry & Green Fodder to Tuna and Rampar Village and Gaushala during Scarcity. That impacted on Cattle health and Milk Productivity.

**7410 kg** Dry fodder

**4,47,473 kg** Green fodder

**1228** Cattle Benefited



**3000**  
Tree  
plantation



**193** Benefited by  
Mobile Van

**56** Benefited by  
Medical support

# AGEL – Khavda

Adani Green Energy Ltd. Khavda renewable solar plant is a hybrid power project that will use both solar and wind energy to generate electricity. It will be built in the Khavda desert along the Indo-Pak border in Kutch district of Gujarat, having a total capacity of 20,000 megawatts (MW), making it the world's largest hybrid renewable energy park and will be cover an area of 72,600 hectares of waste land. It is expected to play a major role in fulfilling India's vision of generating 450 gigawatts (GW) of renewable power by 2030.

## Our Vision for Khavda:



**Empowering through Education:** Elevate overall academic results, champion girl child education, and ignite a passion for technical streams. We aspire to pave the way for stable employment, fostering a prosperous livelihood for the youth.



**Empowering Khavda's Women:** Empower 1000+ women socially, economically, and financially through the establishment of a strong federation "Sarhadi Mahila Vikas Sangathan"



**Elevating Healthcare:** Provide quality healthcare services in 22 villages of Khavda, with a primary focus on enhancing women and child health.



**Water Positive Villages:** Achieve water positivity in 8 villages of Khavda through our dedicated water conservation structures. We aim to create sustainable solutions for water availability, ensuring a secure and flourishing future for these communities.



## Transforming lives in Khavda!

Nestled deep within the remote borderlands of Kutchh, Khavda grapples with the harsh reality of limited access to fundamental necessities: education, healthcare, clean water, and crucial preventive care for women. In response to these pressing challenges, the Adani Foundation has embarked on a transformative journey, launching four visionary projects aimed at illuminating hope and progress across Khavda and its surrounding villages.

Recently, luminaries including Mr. Amit Arora, the Collector of Kutchh, Mr. Verma, Plant Head of AGEL, and Mr. Sanjay Avinash, BSF Head Bt.72, convened with local leaders from 26 villages to honor the Foundation's unwavering commitment.

Amidst accolades and appreciation, Mr. Amit Arora lauded the Foundation's healthcare initiatives and advocated for further support, proposing the launch of an "Arogya Van" to bridge the gap in access.

Echoing this sentiment, Mr. Sanjay Avinash championed the pursuit of higher education, heralding a beacon of hope for the community. As the event culminated with the felicitation of five specialist doctors by the District Collector, it underscored the profound impact of the Adani Foundation's endeavors, igniting a flame of optimism that illuminates the path towards a brighter tomorrow.



# Endeavor In Core Areas:



## Education – Project Utthan:

Through our Utthan project, we've embraced 8 high schools.

**Our mission: Elevate 10th board results, boost attendance, slash dropout rates, promote girls' education, and uplift education quality in Khavda.**

At this high schools, we've enlisted 8 dedicated Utthan Sahayaks, equipped with specialized training. They're laser-focused on bolstering core subjects such as Math, Science, and English. Additionally, we've brought on board 2 community mobilizers, tasked with persuading parents to prioritize their children's education, particularly for girls.

Fostering ambition & motivation by facilitating with Industrial visit & notebook distribution



**Empowering 364 Students**



## Health Care:

The community struggles with limited healthcare resources, including just one CHC with a single general doctor, no specialized care for women and children, and insufficient diagnostic equipment. Financial constraints further hinder access to medical services.

**To improve healthcare, we're tackling diseases in two ways: through health camps and Adani Arogya Karyakram Khavda CHC for treatment, and dedicated awareness camps for prevention.**

### Curative Health Camp:

#### Adani Arogya Karyakram Khavda CHC:

Gynec	Pedia	Physi	Ortho	Optho
555	640	283	206	197

#### Health Camp:

Gynec	Pedia	Physi	Ortho	Optho
278	455	579	61	139



**42 Villages benefited**



**3433 patients benefited**

### Preventive Health Camp:

Actively promoting preventive health awareness through family planning education, menstrual hygiene workshops, nutrition advocacy, mental health awareness sessions. Conducted 49 training in 38 villages.



**1453 Women Benefited**



**1300 Pad Distributed**

# Endeavor In Core Areas:



## CID – Water Conservation

In Khavda, water scarcity is critical: supply is weekly, groundwater levels are low, and villagers and animals share a single pond. Students drink unfiltered water at school, and rainwater flows away, unused.

1. Kuran village – Pond deepening & Filter well
2. Tuga village - Check dam maintenance



 **15 lakh cum**



**3600+** villagers benefited

## Other CID work

1. Roof Shed in khavda High school
2. RO plant in 5 High school

**350+** students benefited



## Farmer welfare:

In Khavda, agriculture struggles due to limited knowledge and challenges like water scarcity and soil fertility issues, despite 80% of the population being engaged in dairy farming.

To educate farmers we organized an awareness camp for **275 farmers**, encouraging them to join the **ATMA Government Sanstha**. This initiative aims to provide guidance on conventional agriculture techniques and exposure to modern farming methods and tools.



## Women Empowerment:

Women empowerment initiatives are underway, emphasizing financial independence and self-reliance.

Conducting awareness camps across 38 villages, we're educating women about the importance of having Saving Accounts, Through awareness camps, established Saving Account Groups, forming 7 SHG with 150 women.



**15** SHG formed



**150+** Women Economically Empowered



# Green Energy



# AGEL – Dayapar & Mandvi



Dayapar Adani Wind Energy project is a large-scale wind power project located in the Kutch district of Gujarat, India. It is one of the biggest wind farms in the country, with a total capacity of 575 MW. The project was developed by Adani Group and Inox Wind, its project was commissioned in April 2019 and supplies clean energy to various states in India through power purchase agreements with Maharashtra State Electricity Distribution, NTPC and PTC India.

## Our Vision for Dayapar & Mandavi:



**Water Positive Villages:** Achieve water positivity in 42 villages of Dayapar through our dedicated water conservation structures. We aim to stablish sustainable solutions ensuring reliable water availability.



**Improve Animal Husbandry:** Focus on the health of cattle by providing vaccinations, medical treatment, and highly nutritious food to cattle. Helping Cattle owners to generate good revenue and sustain their livelihoods.



**Enhance Education:** Enhance the school's infrastructure and financially support students for educational equipment, providing them with a modern classroom environment equipped with the modern technology.



**Health Services:** Provide medical services to 3500 people of Dyapar and connect them with government medical schemes.



# Endeavor In Core Areas:



## CID – Water Conservation

Kutch suffers from a water shortage, particularly in the Dayarpar region, which receives the least amount of rainfall and has high TDS groundwater. To conserve as much water as possible in the AGEL Dayarpar region, the Adani Foundation has initiated various pond deepening and check dam restoration projects.

### Sustainable Water Management projects:

1. Pond deepening in 8 Villages
2. Check Dam renovation & deepening in 2 villages
3. Over Head Portable Water Tank in 1 village

**10.4 lakh cum**  
Water capacity

**985 acers**  
Water rich land

**1500+**  
Farmers Benefited

**50,000/Ltr**  
Capacity of Over head water tank



## SLD - Kamdhenu:

The Dayapar people rely largely on animal husbandry as their second most important income source, after agriculture. But villagers lack in sufficient knowledge on the dietary needs and vaccinations for cattle.

To educate them we are organizing cattle treatment and vaccination program, workshop on Animal Husbandry, and participating in Krushi Mela providing cattle owners mineral mixers to improve animal health and milk production.



**455**  
cattle owners  
provided Mixture  
Mineral

**1500**  
cattle Vaccination

# Endeavor In Core Areas:



## CID - Education:

Committed to improving educational infrastructure to ensure every student in Dayapar has access to safe and quality education environment. Through smart classes and material support, we're easing financial burdens and creating engaging learning environments. For good health of students ensuring portable water facility and tree plantation drive in schools.

Support	School
LED TV for smart class	3
Morden Education tools	2
Education kit support	2
Portable water facility	3
Eco club	1
School renovation	2



## Health Care:

In AGEL Dayapar region, the health condition is concerning with major diseases like kidney stones and arthritis are prevalent in the villages. To battle this situation we are conducting health camps and organized Ayushman Bharat card camps. During these events, we distributed medicine free of cost to patients and provided recommendations for optimal treatment to those in need.

**AGEL/ Adani foundation have supported 20 different equipment like Cardiac Machine, Semi auto analyzer, and other medical tools at CHC Dayapar which is going to facilitate 56 villages benefiting 62,500+ population.**



**618** Health camp Beneficiaries

**86** Ayushman card Beneficiaries

**₹8.6** Cr. Medical Coverage



**13**  
Schools  
Benefited



**1500+**  
Students  
Empowered

# Adani Cement - Sanghi



Adani Cement Plant, prominently located near Moti Ber Village in the Abdasa block of Kutch, Gujarat, stands as a distinguished entity in the cement industry. Our facility is not just a cornerstone of the local economy, but also a pivotal contributor to the community's development. With a robust and integrated manufacturing infrastructure, we boast:

- A 6.6 MMTPA (Million Metric Tones Per Annum) capacity Clinker Plant
- A 6.1 MMTPA capacity Cement Plant
- Power generation facilities with a capacity of 143 MW.

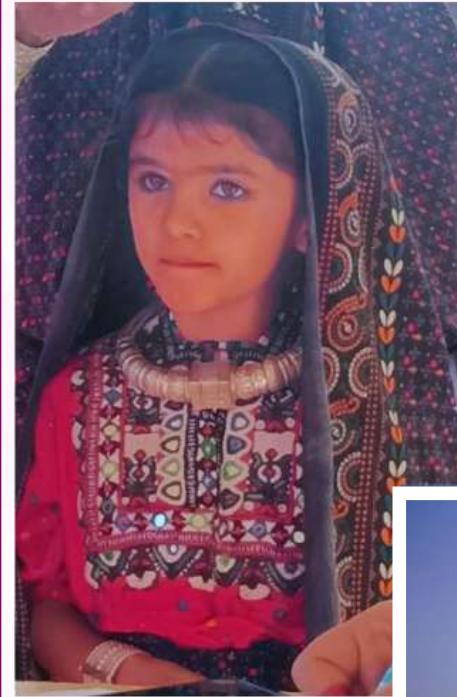
## About Abdasa:

Abdasa is a region of Gujarat's Kutch district, defined by its diverse geography and rich cultural tapestry, influenced by different communities, agriculture crops and livestock rearing, particularly cattle and camel husbandry, is integral to the region's livelihoods.

The coastal areas support fishing communities, despite progress in infrastructure and development, Abdasa faces challenges related to water scarcity, education, and healthcare, while its diverse culture and unique landscapes continue to define its identity.

## Our vision:

**To foster and create a sustainable future for all by providing affordable and accessible facilities at the core of health, education, livelihood, and infrastructure.**



# Endeavor In Core Areas:



## Joyful Beginnings:

Our CSR journey in Sanghi commenced with a joyous Christmas celebration at Adani Cement Abdasa on December 24th. The event, attended by over 500 students and parents, featured cultural performances and dance competitions, spreading festive cheer. Esteemed guests, including Mr. Vivek Misra, Head of Adani Cement Plant, Sanghipuram, Mr. Pushkar Chaudhry, HR Head, and Mrs. Pankti Shah, Gujarat CSR Head, graced the occasion.



## Health:



Addressing the pressing healthcare needs of residents near Adani Cement Sanghipuram, a series of specialty health camps were launched. These camps, featuring Pediatric, Gynecological, Ophthalmic, and General medical services, aimed to bridge the gap in access to specialized healthcare. Previously, locals had to travel long distances to Naliya or Bhuj for medical care. By bringing essential health services directly to the communities, these camps have made a significant impact, offering health check-ups, consultations, and treatment for various illnesses and conditions, ensuring better healthcare accessibility for all.



**1200** patients benefited



**11** Villages benefited

# Endeavor In Core Areas:



## Road Superheroes:

Introducing the "Road Superheroes" Health Care Program, tailored specifically for the drivers of

**Adani Cement Abdasa, dedicated to promoting health awareness and preventive care within our driving community.**

This holistic initiative comprises five vital stages:

1. Health Screening
2. Telehealth Services
3. De-addiction Awareness
4. Stress Management & Yoga
5. Regular Health Tracking

**150**  
Drivers Benefited  
& Receive Health Card

A two-day health screening camp held at Adani Cement, offered comprehensive health assessments, including vision tests, blood pressure measurements, ECG, diabetes screenings, and BMI evaluations, alongside expert consultations.



## Tree Plantation Initiative:

Adani Cement Campus hosted a remarkable tree planting drive as part of our employee volunteer program. More than 50 enthusiastic employees joined forces to plant trees, showcasing our dedication to a greener future. This collective effort exemplifies our commitment to environmental conservation and responsible corporate citizenship.





adani  
Cement

NDTV

adani  
Foundation

અદાણી ફાઉન્ડેશન દ્વારા

અબડાસા વિસ્તારમાં સામાજિક ઉત્તરદાયિત્વના ભાગરૂપે

શૈક્ષણિક કાર્યનો શુભારંભ

સ્થળ : મોટી બેર, અબડાસા

સમય : ૧૦:૩૦ કલાકે

adani  
Foundation

અદાણી ફાઉન્ડેશન

આપનું હાર્દિક સ્વાગત કરે છે.





NDTV, or New Delhi Television Limited, stands as one of India's premier news networks, renowned for its steadfast commitment to journalistic integrity and comprehensive coverage. Founded in 1988 by Radhika Roy and Prannoy Roy, NDTV has emerged as a trusted source of news and analysis, shaping public discourse on critical issues both within India and around the world.

At the heart of NDTV's ethos lies an unwavering dedication to delivering unbiased, credible, and impactful journalism



## Empowerment through Education:

In Abdasa Block, the AF, partnering with NDTV, is revolutionizing education through CSR initiatives. Faced with low literacy rates and infrastructure challenges, the Foundation conducted a thorough needs analysis. This led to targeted interventions, including:

1. **Smart Classes: Implemented in 10 primary schools for interactive learning.**
2. **School Building & Bala Painting: Creating vibrant learning spaces.**
3. **Educational Kits Distribution: Providing 1,150 students in 15 schools with essential learning materials.**

A momentous **Handing Over Ceremony** unfolded in Moti Ber Village, Abdasa, marking the debut of Smart Classes and vibrant Bala Painting in 15 primary schools.

A notable announcement by Mr. Vivek Mishra, Plant head, Adani cement, Sanghipuram unveiled plans for a forthcoming hospital within Sangji premises, promising enhanced community healthcare access.

In this overwhelming event **1,150 students facilitated with essential education kits** and teachers were honored with memento.



# Shree Renuka Sugar Ltd.

Shree Renuka Sugars Limited stands as a globally recognized agribusiness and bio-energy corporation, covering the entire sugar value chain.

As one of India's largest producers of sugar and green energy, Renuka is at the forefront of sugar manufacturing. With eight cutting-edge sugar mills, many equipped with ethanol and power co-generation capabilities, Renuka leads the industry. Additionally, Renuka operates two of India's largest port-based refineries.



## Education:

Committed to improving educational infrastructure to ensure every student has access to safe and quality education environment; we are committed to do following work:

- Renovation of 15 Anganwadi in Kidana, Bharapar, Tuna, Rapar and Wandi village benefiting **600+ students**. Also, supporting primary schools with smart class education equipment.
- Bala Panting and construction of stage in Primary school, Rapar.



## Water Conservation Project

To support the community with secure and safe water we are dedicated in implementing water project.

### Sustainable Water Management projects:

1. **Pond deepening work in Kidana, Bharapar and Tuna Villages. It will benefit 600+ villagers and will have 24,000 CUM water holding capacity.**
2. **Construction of RO plant room with installation of 1000 ltr./ hr RO System.**



# AESL



Adani Energy Solutions Ltd, formerly known as Adani Transmission Ltd, is an electric power transmission company.

**ATL is the country's largest private transmission company, with a presence across 16 states of India and a cumulative transmission network of 19,800 ckm and 53,000 MVA transformation capacity.**

In its distribution business, AESL serves more than 12 million consumers in metropolitan Mumbai and the industrial hub of Mundra SEZ. AESL is ramping up its smart metering business and is on course to become India's leading smart metering integrator.

## Course of Action in ATL's Villages:

Upon receiving the CSR responsibility for villages under ATL, the Adani Foundation embarked on a mission to address community challenges. Recognizing the pressing issue of increased salinity affecting water availability for daily needs and agriculture, we initiated work on water conservation structures as a sustainable solution to alleviate the villagers' hardships.

➤ **Initiated Pond deepening and Check dam restrengthening work in 5 villages of Rapar and Mandvi Taluka.**

➤ **Additionally, started working for Cattle Health Camp and tree plantation drive.**



**27,200 cum**  
Water Capacity



**17,000+** villagers  
benefited



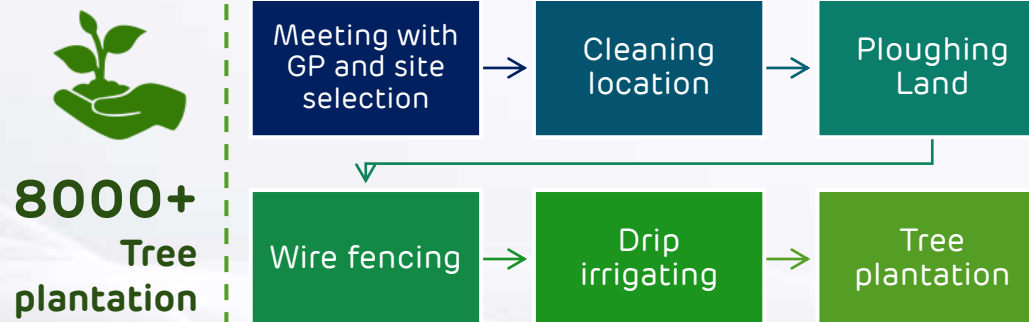
# CER – APSEZ



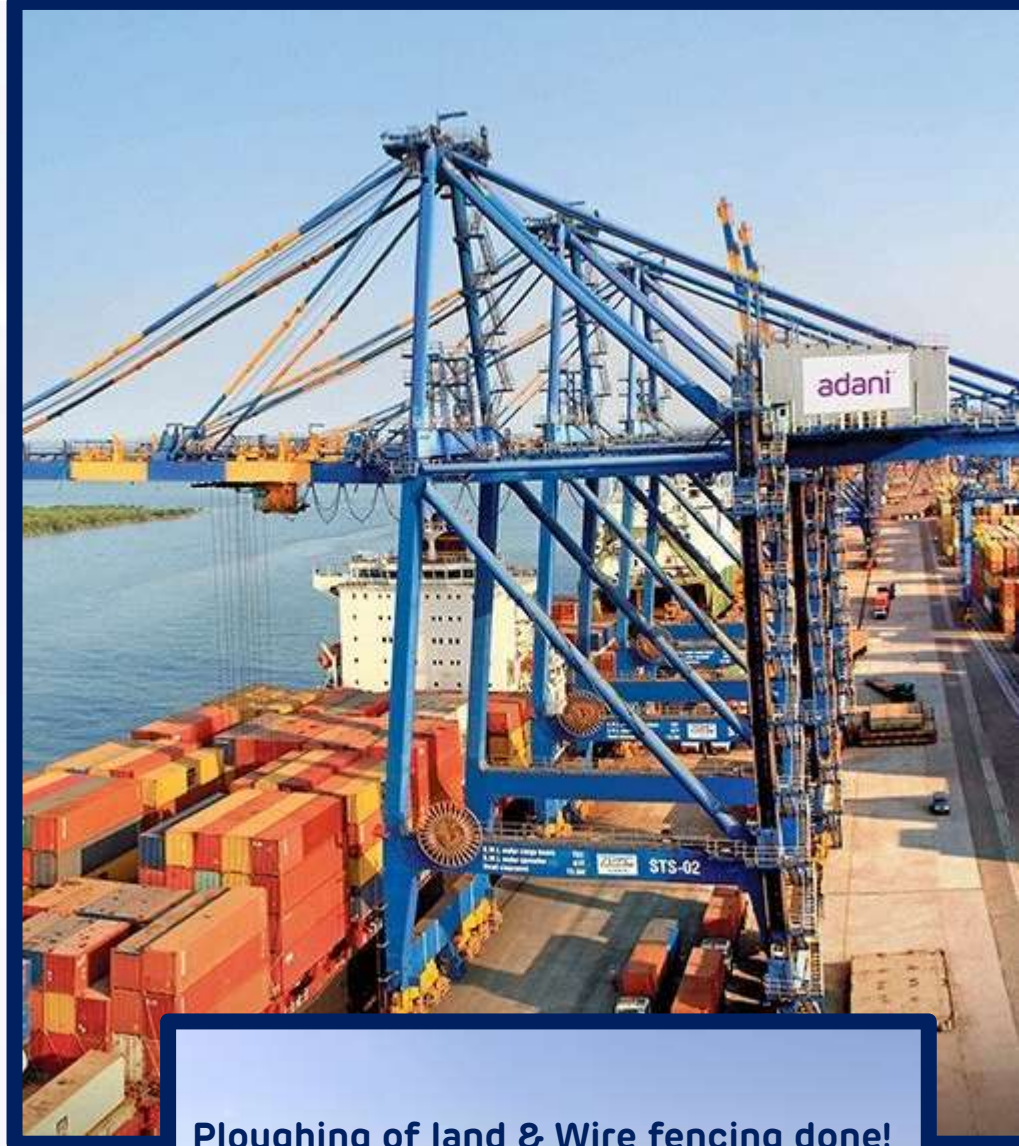
Adani Ports and Special Economic Zone Limited, a subsidiary of Adani Group, is India's largest private port Operator, operating 12 ports and terminals, including India's first deep water Transshipment Port Vizhinjam International Seaport Thiruvananthapuram and India's first port-based SEZ at Mundra.

## Course of Action:

Taking on the CER responsibility from APSEZ, the Adani Foundation has undertaken a massive tree plantation drive in Moti Bhujpar. To ensure its success, we have devised a comprehensive six-step plan.



**Our initiative represents a sustainable approach to addressing environmental challenges and reducing carbon emissions.**



**Ploughing of land & Wire fencing done!**





## Work done during Biparjoy Cyclone

Cyclone Biparjoy caused huge losses in Mundra and nearby villages. Adani Foundation's worked for relief and recovery with Panchayat & Government body. More than 17,000 people benefited from various efforts.

Adani foundation consider this as ethical responsibility and a source of satisfaction. Stakeholders and government bodies also appreciated the efforts.

Meetings with Taluka & District government officials to facilitate assistance and coordination with local authorities.



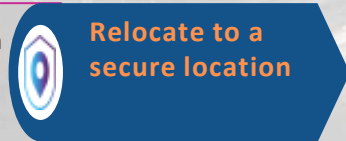
Health teams and ambulances on standby in case of emergency.



Reached to more than 10000 people by Awaz de to aware all, specially for fisherfolk settlement.



4500+ Workforce migration with basic amenities.



100+ Team member distributed for each taluka/Villages as per requirement



**Monitoring**

Tracking the cyclone's progress by AF team member.



**Connect**

Team members in directly touch with 10 Temporary housing & 60 Villages.



**Government**

Co-ordinating with Government organizations from Talati to Collector.



**Panchayat**

Co-ordinate with Gram panchayat in case they need any emergency support.

**Pre-cyclone preparation**



- Team distribution
- Workforce migration
- Basic amenities
- Awareness efforts.
- Meetings with government.

**During cyclone**



- Food and shelter provision
- Fodder support
- Awareness messages
- Vehicle support.
- Coordination with Panchayat

**Post-cyclone relief**



- Temporary housing
- Food packets
- Excavator support
- Transfer of affected individuals.
- Provision of fodder