

Fw: Half Yearly EC Compliance Report Submission - MUPL - CETP, Mundra (Oct'19 to Mar'20)

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Wed 5/20/2020 12:13 PM

To: Dilip Kumar Moolchandani <Dilip.Moolchandani@adani.com>

1 attachments (17 MB)

7. EC Compliance Report_MUPL CETP-2010_Oct'19 to Mar'20.pdf;

20/05/20
कायदा/ऑफिस
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forests & Climate Change
राष्ट्रीय पर्यावरण कक्षा/क्षेत्रीय कार्यालय (पश्चिम क्षेत्र)/Regional Office (Western Region)
भोपाल (म.प्र.)/Bhopal (M.P.)/EHC-PAL-46

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Sent: Tuesday, May 19, 2020 5:27 PM

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Subject: Half Yearly EC Compliance Report Submission - MUPL - CETP, Mundra (Oct'19 to Mar'20)

adani

Ports and
Logistics

APSEZL/EnvCell/2020-21/024

Date: 19.05.2020

To

Additional Principal Chief Conservator of Forests (C),

Ministry of Environment, Forest and Climate Change,

Regional Office (WZ), E-5, Kendriya

Paryavaran Bhawan, Arera Colony,

Link Road No. - 3, Bhopal - 462 016.

E-mail: rowz.bpl-mef@nic.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 20th February, 2010 bearing SEIAA letter no. SEIAA/GUJ/EC/7(h)/43/2010.

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 - 2019 to March - 2020 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**

Avinash Rai

Avinash Rai

To

Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (WZ), E-5, Kendriya
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Kindly consider above submission and acknowledge.

Thank you,

Yours Faithfully,

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



Avinash Rai
Chief Executive Officer
Mundra & Tuna Port

Encl: As above

Copy to:

- 1) Zonal Officer, Regional Office, CPCB – Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390 023
- 2) Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382 010
- 3) Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – 382 010
- 4) 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 Pvt. Ltd.
(MUPL-CETP)

for
Period:


October-20 19 to March-2020

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct'19 To : Mar'20
Status of the conditions stipulated in Environment Clearance		

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Compliance Report of Environment Clearance

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
Status of the conditions stipulated in Environment Clearance		

**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 20th February, 2010**

Sr. No.	Conditions	Compliance Status as on 31-03-2020
A. Specific Conditions		
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>Environment Audit is being carried out on six monthly basis through reputed institute approved by GPCB. Soil and ground water quality monitoring is part of Environment Audit Report. Recommendations suggested as per Environment Audit Report are being complied. Last Audit Report was submitted to GPCB on 16.01.2020. Acknowledgement copy of the same is attached as Annexure – 1.</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>Analysis reports are submitted to GPCB every month and typical proof showing the same is attached as Annexure – 2.</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	<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>

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020				
	effluent received at the CETP always meets with the inlet norms.	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.				
4	Fresh water requirement for the CETP shall be 100 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.	Complied. Fresh water requirement for CETP is ranging from 4 to 5 KL/Day, which is sourced through Gujarat Water Infrastructure Ltd. (GWIL) pipeline from Narmada water supply and / or Desalination plant of APSEZ. No ground water is being tapped. Details of water consumption are given as Annexure – 3 .				
5	The quantity of effluent discharge from the CETP shall not exceed 17000 KL/ Day (17 MLD).	Complied. The average quantity of effluent received in CETP from member units was 349 KL/Day and treated water discharge from the CETP 339 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 industry. Details on quantity received from industry and treated water discharge are attached as Annexure – 3 .				
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 received in CETP from member units was 349 KL/Day and treated water discharge from the CETP 339 KL/Day respectively during the compliance period. There are only two member industries of CETP as on date for industrial effluent and effluent is transferred through underground pipeline only. Presently on avg. 339 KL/ Day treated water from CETP is being reused. 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 and BOD. Analysis reports are submitted to GPCB every month and proof showing the same is attached as Annexure – 2 . Sewage is also received from other member units for treatment in CETP and final disposal. List of member units for industrial effluent as well as domestic sewage is enclosed here as Annexure – 4 .				
	<table><tr><th>Parameter</th><th>CETP inlet norm of MUPL</th></tr><tr><td>pH</td><td>6.5 To 8.5</td></tr></table>	Parameter	CETP inlet norm of MUPL	pH	6.5 To 8.5	
Parameter	CETP inlet norm of MUPL					
pH	6.5 To 8.5					

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions		Compliance Status as on 31-03-2020												
	Suspended Solids BOD (3 Days at 27 °C) COD TDS Oil & Grease Phenolic Compounds Cyanides Fluorides Sulphides Ammonical Nitrogen Copper Nickel	800 mg/l 1000 mg/l 2000 mg/l 2100 mg/l 20 mg/l 1 mg/l 0.2 mg/l 2 mg/l 2 mg/l 50 mg/l 3 mg/l 3 mg/l	MUPL-CETP has also installed Continuous Effluent Monitoring System 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.												
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><tr><th>Unit</th><th>ETP Capacity</th><th>Treatment Methodology</th><th>Average Water Discharge</th></tr><tr><td>M/s Dorf ketal Specialty Catalyst Pvt. Ltd.</td><td>100 KLD</td><td>Primary & 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>15 KLD</td></tr></table>	Unit	ETP Capacity	Treatment Methodology	Average Water Discharge	M/s Dorf ketal Specialty Catalyst Pvt. Ltd.	100 KLD	Primary & Secondary Treatment	85 KLD	M/s Ahlstrom Fiber Composites India Pvt. Ltd.	50 KLD	Primary Treatment	15 KLD
Unit	ETP Capacity	Treatment Methodology	Average Water Discharge												
M/s Dorf ketal Specialty Catalyst Pvt. Ltd.	100 KLD	Primary & Secondary Treatment	85 KLD												
M/s Ahlstrom Fiber Composites India Pvt. Ltd.	50 KLD	Primary Treatment	15 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 waste water shall be discharged into septic tank/ soak pit system by the individual		<p>Complied.</p> <p>Sewage from member industries and Mundra town is collected into collection tank, which is transferred to CETP at average</p>												

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020																														
	member units and the overflow shall be conveyed to the CETP along with industrial effluent for its treatment. Domestic waste water generated at the CETP will also be treated in the CETP.	rate of 264 KL/Day through pipeline. Average generation of domestic wastewater is ranging from 1.0 to 1.5 KL per day at the CETP and the same is treated in the CETP itself along with industrial effluent.																														
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 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>Complied.</p> <p>MUPL has established the adequate primary, secondary and tertiary treatment facility to achieve the GPCB norms.</p> <p>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 & CC accredited agency namely M/s. Pollucon Laboratories Pvt. Ltd. Summary of the same for duration from Oct'19 to Mar'20 is mentioned below.</p> <table><tr><th>Parameter</th><th>Unit</th><th>Min</th><th>Max</th><th>Perm. Limit^{\$}</th></tr><tr><td>pH</td><td>--</td><td>7.55</td><td>8.01</td><td>6.0 – 9.0</td></tr><tr><td>SS</td><td>mg/L</td><td>20</td><td>38</td><td>100</td></tr><tr><td>COD</td><td>mg/L</td><td>136</td><td>209</td><td>250</td></tr><tr><td>BOD</td><td>mg/L</td><td>29</td><td>56</td><td>100</td></tr><tr><td>Ammonical Nitrogen</td><td>mg/L</td><td>12.0</td><td>22.4</td><td>50</td></tr></table> <p style="text-align: right;">\$ Permissible Limits as per CC&A for CETP</p> <p>Please refer Annexure – 5 for detailed analysis reports. Approx. INR 21.74 Lakh is spent for all environmental monitoring activities during F.Y. 2019-20.</p> <p>The environmental monitoring within Adani Ports & SEZ Limited has been stopped since 23rd March, 2020 considering COVID-19 Pandemic lockdown and the same has already been intimated to the regulatory authorities vide our e-mail dated 06.04.2020. Details of the same is attached as Annexure – 6.</p> <p>MUPL 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</p>	Parameter	Unit	Min	Max	Perm. Limit ^{\$}	pH	--	7.55	8.01	6.0 – 9.0	SS	mg/L	20	38	100	COD	mg/L	136	209	250	BOD	mg/L	29	56	100	Ammonical Nitrogen	mg/L	12.0	22.4	50
Parameter	Unit	Min	Max	Perm. Limit ^{\$}																												
pH	--	7.55	8.01	6.0 – 9.0																												
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Ammonical Nitrogen	mg/L	12.0	22.4	50																												

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020
		<p>authorities i.e. CPCB & SPCB regularly.</p> <p>GPCB Sample analysis reports are attached as Annexure – 7, which shows that all the parameters are well within the permissible norms.</p>
11	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>Complied.</p> <p>Average 339 KL/Day treated effluent 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>
12	Well-designed effluent distribution network with sprinklers / drip pipes shall be provided for proper utilization of treated effluent for plantation / gardening.	<p>Complied.</p> <p>Drip irrigation system is provided for watering the green belt in the vicinity.</p>
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 effluent from CETP is supplied through only one outlet for gardening purpose.</p> <p>MUPL CETP has installed Continuous Effluent Monitoring System 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 information for the same was submitted to the MoEF & CC along with half yearly compliance report April– 2016 to Sep – 2016.</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 Annexure – 5 & 7 showing quality of treated effluent during this compliance period.</p>
14	The MUPL shall instruct and make sure that each	Complied.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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	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.	An agreement is made with the respective units to provide storage facility for retention. At present the industrial effluent from two units is received for treatment at the CETP. Both the units have two storage tanks of 50 KL each which is sufficient to store the effluent for at least one day.
15	The MUPL shall give time slot to the contributing member units for discharge of effluent and implement a mechanism for ensuring that the member units adhere to the same.	Complied. 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. MUPL 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	Complied. Magnetic flow meters to maintain the record of quantity of

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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	CETP as well as ETP outlets of the CETP member units and records for the same shall be maintained and submitted regularly.	<p>raw effluent and treated effluent have been provided at inlet and outlet of CETP.</p> <p>Records of quantity received from industry and treated discharge are attached as Annexure – 3.</p>
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.	<p>Complied.</p> <p>Online pH meter is provided at CETP inlet, equalization tank and neutralization tank for continuous monitoring of pH.</p> <p>Equalisation tank having capacity of 1700 KL is capable to take care of unforeseen circumstances.</p>
20	The MUPL shall also install pH sensor with alarm device at final outlet to ensure that effluent being discharge is always neutral.	<p>Complied.</p> <p>MUPL-CETP has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical 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 & CC along with half yearly compliance report Apr – 20 16 to Sep – 20 16.</p> <p>However MUPL has also installed lock-arrangement system valves at the effluent discharge outlet of member units to ensure 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 is 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>
21	All the chemicals and nutrients which are	Complied.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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	required to be added / dosed in any CETP unit shall be added by using "Metering Pumps" only.	Metering pumps for dosing of chemicals such as Alum; Polyelectrolyte; Lime and HCl are provided with stand by pumps. Photographs showing the same were submitted as part of compliance report for the duration of Apr'17 to Sep'17.
22	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 untreated effluent within the CETP premises.	Complied. Treated effluent 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 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. 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	Complied. Log books containing all required information are maintained. A typical copy of logbook is attached here as Annexure – 8 . Record of sludge generation and disposal is being maintained. CETP is designed having 2.5 MLD capacity, against that at present we are receiving only avg. 349 KLD effluent from

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	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. Details of the member units failing to comply with the CETP inlet norms shall be submitted to the GPCB on regular basis.	<p>member industries.</p> <p>Last sludge disposal was carried out through co-processing on 31.12.2018 at registered TSDF site as SEPPL, Bhachau. The disposal quantity was 2.14 MT. details of the same were submitted along with last half yearly EC Compliance report for the period Oct'18 to Mar'19.</p> <p>The sludge generated thereafter is stored in dedicated storage area and will be disposed to approved TSDF site.</p>
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.	<p>Complied.</p> <p>Well-equipped laboratory having all the infrastructure facility and instruments is provided in CETP.</p> <p>Competent technical staff is deployed for monitoring and analysis of environmental parameters.</p>
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.	<p>Complied.</p> <p>Daily analysis data are submitted to GPCB on monthly basis and proof showing the same is attached as Annexure – 2.</p> <p>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. Pollucon Laboratories Pvt. Ltd.</p> <p>MUPL 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</p>

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Sr. No.	Conditions	Compliance Status as on 31-03-2020
		<p>authorities i.e. CPCB & SPCB regularly.</p> <p>GPCB Sample analysis reports are attached as Annexure – 7, which shows that all the parameters are well within the permissible norms. Also refer Point no. 10 for further details.</p>
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.	<p>Complied.</p> <p>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. Pollucon Laboratories Pvt. Ltd. and report of the same is also being submitted to the GPCB every month. Typical proof showing the same is attached as Annexure – 2.</p> <p>Monitoring report for the period from Oct'19 to Mar'20 is attached as Annexure – 5. Approx. INR 21.74 Lakh is spent for all environmental monitoring activities during F.Y. 2019-20.</p> <p>Also refer Point no. 10 & 27 for further details.</p>
29	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>Complied.</p> <p>Environment Audit is carried out on six monthly basis through reputed institute approved by GPCB. Soil and ground water quality monitoring is part of Environment Audit Report. Recommendations suggested as per Environment Audit Report are being complied. Please refer point no. 1 for further detail upon audit report submission.</p>
30	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	<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 Annexure – 2.</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 patrahs. Details of the same are attached as Annexure – 9.</p>

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020																									
	CETP on day to day basis and shall submit the compiled record to the GPCB on monthly basis.																										
31	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>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 report is attached as Annexure – 5.</p>																									
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 D.G. set of having capacity of 380 KVA is used as stand-by. Adequate stack height of 6 meter has been provided to the said D.G. Set. There was no any main power failure during compliance period, so there was no need to operate the D.G. Set during such 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 Annexure – 5.</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 & CC accredited agency namely M/s. Pollucon Laboratories Pvt. Ltd. Summary of the same for duration from Oct'19 to Mar'20 is mentioned below.</p> <p>Monitoring Locations & Frequency: 02 (Twice in a week)</p> <table><tr><th>Parameter</th><th>Unit</th><th>Max</th><th>Min</th><th>Perm. Limit^{\$}</th></tr><tr><td>PM₁₀</td><td>µg/m³</td><td>94.54</td><td>48.32</td><td>100</td></tr><tr><td>PM_{2.5}</td><td>µg/m³</td><td>53.48</td><td>18.69</td><td>60</td></tr><tr><td>SO₂</td><td>µg/m³</td><td>29.44</td><td>6.34</td><td>80</td></tr><tr><td>NO₂</td><td>µg/m³</td><td>45.54</td><td>13.54</td><td>80</td></tr></table> <p>^{\$} as per NAAQ standards, 2009</p>	Parameter	Unit	Max	Min	Perm. Limit ^{\$}	PM ₁₀	µg/m ³	94.54	48.32	100	PM _{2.5}	µg/m ³	53.48	18.69	60	SO ₂	µg/m ³	29.44	6.34	80	NO ₂	µg/m ³	45.54	13.54	80
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	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020
		Monitoring report for the period from Oct'19 to Mar'20 is attached as Annexure – 5 . Approx. INR 21.74 Lakh is spent for all environmental monitoring activities during F.Y. 2019-20.
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 wastes.	<p>Complied.</p> <p>MUPL has been granted Authorization vide Order No. AWH – 79311 dated 02.06.2016, Valid up to: 07.04.2021 from GPCB, Gandhinagar. All the hazardous waste generated from premises is being disposed as per Hazardous & Other Waste Rules – 2016.</p> <p>Please refer condition no. 25 for HW disposal details.</p> <p>Membership certificate for disposal of Hazardous waste (SEPPL) is submitted to the MoEF & CC along with half yearly compliance report April – 2016 to Sep – 2016.</p> <p>MUPL has also been granted amendment in CC&A vide Order No. WH-107851, dtd. 17.04.2020, Valid up to: 07.04.2021 from GPCB, Gandhinagar for receiving 1.5 MLD domestic sewage from Mundra village for treatment. Copy of CC&A-Amendment is attached as Annexure – 10.</p>
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.	<p>Complied.</p> <p>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 last EC Compliance report for the period Apr'18 to Sep'18.</p>
36	CETP waste shall be disposed at authorized common TSDF facility. The company shall necessary permission of the TSDF operator for disposal of CETP sludge.	<p>Complied.</p> <p>Hazardous waste generated from CETP is being disposed through authorised TSDF facility. MUPL have obtained membership with TSDF operator SEPPL, Bhachau for the same.</p> <p>CETP is designed having 2.5 MLD capacities, against that at present we are receiving only 349 KLD effluents from member industries.</p> <p>Please refer condition no. 25 for HW disposal details.</p> <p>Copy of valid membership certificate submitted to the MoEF & CC along with half yearly compliance report April – 2016 to</p>

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Sr. No.	Conditions	Compliance Status as on 31-03-2020
		Sep – 2016 and there is no change further.
37	Discarded containers / drums / bags/ liners shall be either reused or returned back to suppliers or sold to authorized vendors after decontamination.	<p>Complied.</p> <p>Hazardous waste generated from CETP is being disposed through authorised TSDF facility only.</p> <p>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.</p>
38	Used oil shall be sold to the registered recyclers.	
39	Adequate hand rails shall be provided to all the CETP units for preventing fall of any person in the CETP tanks.	<p>Complied.</p> <p>Adequate hand rail are provided at CETP Tanks for fall protection.</p>
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 manner that minimal human exposure occurs.	<p>Complied.</p> <p>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.</p> <p>Metering pumps for dosing of chemicals such as Alum; Polyelectrolyte, Lime and HCl are provided with stand by pumps to avoid human exposure.</p>
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.	<p>Complied</p> <p>There are no any chemical storage tanks within CETP Premises. Closed handling system is provided for chemical dosing.</p>
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	<p>Complied.</p> <p>MUPL CETP is subsidiary unit 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</p>

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020										
	workers and keeping its record etc.	from the CETP.										
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.										
45	Training shall be imparted to all the workers on safety and health aspects of chemicals handling and CETP operations.	Complied. Regularly tool box 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 undertaken as per the Factory Act & Rules.	Complied. Pre-employment and periodical medical examination is being carried out. Record of the same was submitted during half yearly EC compliance report for the period Apr'18 to Sep'18.										
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	Complied. Noise level monitoring is being carried out on monthly basis by NABL and MoEF & CC accredited agency namely M/s. Pollucon Laboratories Pvt. Ltd. Summary of the same for duration from Oct'19 to Mar'20 is mentioned below. Monitoring Locations & Frequency: 02 (Twice in a week) <table><tr><th>Parameter</th><th>Unit</th><th>Min</th><th>Max</th><th>Perm. Limit</th></tr><tr><td>Day Time</td><td>dB(A)</td><td>52.4</td><td>72.2</td><td>75</td></tr></table>	Parameter	Unit	Min	Max	Perm. Limit	Day Time	dB(A)	52.4	72.2	75
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	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.		Conditions	Compliance Status as on 31-03-2020					
		noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Night Time	dB(A)	48.3	69.5	70	\$ as per NAAQ standards, 2009
			Please refer compliance condition no. 32 for further details.					
			Monitoring report for the period from Oct'19 to Mar'20 is attached as Annexure – 5 . Approx. INR 21.74 Lakh is spent for all environmental monitoring activities during the period Oct'19 to Mar'20 .					
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 19.71 hectare of green belt with the density of 1448 trees per hectare within CETP & WTP premises. Total 28535 trees are planted within CETP & WTP premises. So, far APSEZ have developed 467 ha. area as greenbelt with plantation 8.7 Lacs saplings within the APSEZ area.						
		Details of the green belt development activity done by APSEZ Mundra are attached as Annexure – 11 .						
B. General Conditions								
50	GPCB will ensure while granting CTE to individual units that no industry of heavy pollution is allowed in such SEZ.	This point is applicable to GPCB.						
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.	Already complied.						
		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.						
52	In the event of the CETP's not functioning	Point noted and agreed.						

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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	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.	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.
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.	Point noted and agreed. CETP is functioning with the designed efficiency and meeting with GPCB discharge norms during the entire compliance period. Individual members have their own ETPs which provides necessary treatment to achieve GPCB norms.
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 within stipulated period. The MUPL shall immediately inform the Gujarat Pollution Control Board about termination/ suspension of the CETP membership of any member unit.	Complied. List of member units are attached as Annexure – 4 . The agreements are renewed before its expiry by the member units. No event of termination or suspension of the CETP membership has occurred during the compliance period of Oct'19 to Mar'20.
55	The MUPL shall not allow any new member or enhance effluent quantity of existing	Complied. MUPL has been granted permission for receiving 1.5 MLD domestic sewage in to CETP for treatment from Mundra

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
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Sr. No.	Conditions	Compliance Status as on 31-03-2020
	members unless & until they have prior requisite permissions from competent authorities.	village from GPCB during the compliance period of Oct'19 to Mar'20. Copy of agreement for discharge their max. 1.5 MLD domestic effluent to CETP for treatment between Mundra Gram Panchayat and MUPL is attached as Annexure – 12 . M/s Dorf ketal Specialty Catalyst Pvt. Ltd. has requested for enhancement of effluent quantity by 1 KLD (from 84 KLD to 85 KLD) during the compliance period of Oct'19 to Mar'20. They have already been granted permission for discharging their effluent up to 85 KLD in to CETP from GPCB. The copy of quantity amendment membership certificate and agreement is attached as Annexure – 13 .
56	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied. 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.
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.	Complied. Good housekeeping is being maintained within the CETP premises by the dedicated housekeeping staff. Leakages were attended and recorded in the MIS report of MUPL. Photographs of all the maintenance work done during compliance period of Oct'19 to Mar'20 is attached as Annexure – 14 . No floor washing activity was carried out during the compliance period.
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.	Point noted. Effluent is being transferred to CETP by dedicated pipeline. No major accidental spillage has occurred during financial this compliance period.
59	Storm water shall not be mixed with the effluent. The storm water drains	Complied. Effluent is transferred by effluent transfer pipeline while for

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	shall be kept separate and shall remain dry throughout the year except monsoon.	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 team report to General Manager (Environment) at Corporate, who heads the Environment Management Cell who directly reports to the top management. Allocation of separate budget has also been done. EMC Organogram of APSEZ is attached as Annexure – 15 .
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 2019-20 is to the tune of INR 1146 lakh. Out of which, Approx. INR 1084 lakh are spent during this year. Detailed breakup of the expenditures for the past 3 years is attached as Annexure – 16 .
63	The MUPL shall take appropriate community development and welfare	Complied. The CSR Activities including community development and

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Sr. No.	Conditions	Compliance Status as on 31-03-2020						
	program for improving socio-economic environment of villagers in the vicinity of the project site. A separate fund shall be allocated for this purpose.	<p>welfare programs for improving socio-economic environment of villages are planned out at Mundra by Adani Foundation in four core area. Details of the same are as below.</p> <table><tr><th>Area</th><th>Activity</th></tr><tr><td>Community Health</td><td><p><u>Community Health – Mundra</u></p><ul style="list-style-type: none">11 Rural Clinic-8 from Mundra & 3 from Anjar block treated; 25142 patients.31 villages covered through Mobile healthcare unit 20399 patients benefited during the year.The mobile health care unit cover 25 villages and 07 fishermen settlements. Around 90 types of general life saving medicines are available in these units.During the year 2019-20, total 9860 transactions were done by 8672 card holders of 68 villages of Mundra Taluka. They received cash less medical services under the senior citizen project.In the year of 2019-20, Total 3137 people had been benefitted by various kind of camp and needy and screened patients are treated in Adani Hospital.<p><u>Community Health – Bhuj</u></p><ul style="list-style-type: none">5398 Patients taken Care and Coordination609 Dead body referred by carry van3557 Ayushman Gold Card facilitation through Enrollment camp and Mahiti Setu549 support for Implants and Needy Patients9896 People helped through Mahiti Setu for various government schemes816 people benefitted in 6 health awareness campsAdani Foundation organized 52 General Health Camps and Speciality Camps in various interior villages of Kutch in coordination with GKGH which created magical impact and benefitted 4779 patients. Adani Foundation Bhuj Health team has also organized more than six awareness camps.Adani foundation, Adani Hospital and GAIMS have Jointly Celebrated "Arogya Saptah" 8th to 14th August & 20th to 26th January in Respect of Independence and Republic of our country. Celebration included multi-specialty camps, Workshops, truckers health check-up, surgical camp on foundation day and adolescent fair at different part of district. Collector.</td></tr><tr><td>Sustainable Livelihood – Fisher folk</td><td><ul style="list-style-type: none">Average 117.5 KL of water was supplied to 1085 households at 9 fisherman vasahat on a daily basis under Machhimar Shudhh Jal Yojana.Adani Foundation constructed 4 Balwadis for kids between the age group of 2.5 years to 5 years at different settlements under Vidya Deep Yojana. 140 children are benefiting from this scheme.28 Fisherman are engaged in various contract related jobs and 37 Fisherman are doing job after taken training from Adani Skill Development Center.Scholarship Support - Provide 100% fees support to girls and 80% fees support to boys as a scholarship. This year total 78 students are being facilitated by Adani foundation.Book Support - 49 Fisherman Students from Higher Secondary Standard (9 to 12) has been benefitted from various of Juna</td></tr></table>	Area	Activity	Community Health	<p><u>Community Health – Mundra</u></p> <ul style="list-style-type: none">11 Rural Clinic-8 from Mundra & 3 from Anjar block treated; 25142 patients.31 villages covered through Mobile healthcare unit 20399 patients benefited during the year.The mobile health care unit cover 25 villages and 07 fishermen settlements. Around 90 types of general life saving medicines are available in these units.During the year 2019-20, total 9860 transactions were done by 8672 card holders of 68 villages of Mundra Taluka. 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Sr. No.	Conditions	Compliance Status as on 31-03-2020	
			<p>Bandar, Zarpara, Navinal, Bhadreshwar.</p> <ul style="list-style-type: none"> • Cycle Support - Fishermen who are at fishermen hamlets are migrated with whole family for 8 month fishing season. During that time to continue higher education of their children at Mundra, Adani foundation provide cycle support every year to 9th standard students This year cycle support has been given to 7 students • 28 fishermen has been facilitated by fishing materials under Machhimar Ajivika Uparjan Yojana • The Foundation provided fishermen with employment equivalent to 6261 man-days. In addition to this, employment worth of 42048 man-days has been provided till date. The Foundation has also supported Pagadiya fishermen as painting laborers by providing them with employment and job in various field.
	Education		<ul style="list-style-type: none"> • Under Project UTTAN 25 primary government schools of Mundra and Nakhtrana Taluka of Kutch district have been adopted to take up various initiatives aimed at improving quality in these schools. 3417 children are benefiting from a meaningful education in these schools. • One teacher–One school + Sports teacher + IT teacher • 'IT on Wheel 'Van with 35 laptops and computer instructor make students more tech savvy and spreading the digital and technology knowledge amongst the younger generation. • Use of Reading Corner by students of Std. 3 to 8 of Utthan School Every Saturday Library activity with the Book issue were planned and executed in a meaningful manner. 7113 Book issued in academic year 2019-20. • With the intervene of our Sports teacher in all Utthan Schools successfully enrolled 500+ students in Khel Mahakumbh. • Utthan Sahayak +1222 students from High school & Higher secondary of 6 villages celebrate Fifth International Yoga Day. • Adani Vidya Mandir: provide “cost-free” education to meritorious students coming from challenging economic background, who have priceless treasures but have been under achievers due to situation. In year 2019-20 443 students are studying. • 568 institutes and 33,030 beneficiaries have made inspirational visit up to March 2020 under Project UDAAN.
	Rural Infrastructure		<p><u>WORK COMPLETED</u></p> <ul style="list-style-type: none"> • Adani foundation carries out the construction of prayer shade name “PRATHNA SHADHNA” at AVMB. • Painting & Branding Old Strcture at Old Bandar and Luni Bandar • Upgradation of Balwadi at Zarpa • Waiting place for Pgadiya at Navinal • Garden Development work • Road Side Beautification at Mundra. • S & F Benches In Various Location in Various Village • Construction of R.O. Plant Room at Primary School sadau Village • Construction of Shed at BRC Bhavan • Renovation Balwadi at Bavdi Banadar • Fixing of LED street light at Bhopawandh, Mundra & Bhorara) <p><u>SUJLAM SUFLAM JAL ABHIYAN</u></p> <ul style="list-style-type: none"> • A large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and • Ground recharge activities (pond deepening work for more than 52 ponds) individually and 26 ponds under Sujlam Suflam Jal

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
Status of the conditions stipulated in Environment Clearance		


Sr. No.	Conditions	Compliance Status as on 31-03-2020	
			<p>Abhiyan were built leading to a significant increase in water table and higher returns to the farmers.</p> <ul style="list-style-type: none"> • Roof Top Rain Water Harvesting 54 Nos. and Recharge Bore well 75 Nos. • Drip Irrigation 823 Farmers benefitted in coordination with Gujrat Green Revolution Company • Participatory Ground Water Management in ten villages with holistic approach for Kankavati Sandstone Aquifer Programme.
		Skill Development	<ul style="list-style-type: none"> • Adani Skill Development Centre (ASDC) is playing a pivotal role in implementing sustainable development in the state. The objective of this Centre is to impart different kinds of training to the students of 10th, 12th, college or ITI from surrounding areas. • During this year Total 2664 people trained in various trainings to enhance socio economic development. In the year 2019-20, ASDC-Bhuj trained 1699 candidates. • Soft skill training – 756 Nos. • Technical Training – 943 Nos. In the year 2019-20, ASDC-Mundra trained 965 candidates. • Soft skill training – 552 Nos. • Technical Training – 413 Nos.
		Please refer Annexure – 17 for full details of CSR activities carried out by Adani Foundation in the Mundra region. Budget for CSR Activity for the FY 2019-20 is to the tune of INR 2043 lakh. Out of which, Approx. INR 1813 lakh are spent during this year FY 2019-20.	
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 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	<p>Point noted.</p> <p>Considering existing scenario, at present CETP having 2.5 MLD capacity only installed against total granted capacity of 17.0 MLD. 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>	

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
Status of the conditions stipulated in Environment Clearance		

Sr. No.	Conditions	Compliance Status as on 31-03-2020
	to the SEIAA/ SEAC to assess the adequacy of imposed and to add additional environmental protection measures required, if any.	
66	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.	Complied. Please refer point no. 62 for details regarding the same.
67	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 forwarded to the concerned Regional Office of the Ministry.	Already complied. Copy of advertisement given in newspaper was submitted as a part of compliance report for the duration of Apr'17 to Sep'17.

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 31-03-2020																					
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 st June and 1 st 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'19 to Sep'19 was submitted to Regional Office of MoEF&CC @ Bhopal, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar & Gandhidham and SEIAA, Gandhinagar vide our letter dated 26.11.2019. Copy of the same is also available on our web site https://www.adaniports.com/ports-downloads. A soft copy of the same was also submitted through e-mail on 26.11.2019 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'16 to Mar'17</td><td>30.05.2017</td></tr> <tr> <td>2</td><td>Apr'17 to Sep'17</td><td>01.12.2017</td></tr> <tr> <td>3</td><td>Oct'17 to Mar'18</td><td>29.05.2018</td></tr> <tr> <td>4</td><td>Apr'18 to Sep'18</td><td>30.11.2018</td></tr> <tr> <td>5</td><td>Oct'18 to Mar'19</td><td>31.05.2019</td></tr> <tr> <td>6</td><td>Apr'19 to Sep'19</td><td>28.11.2019</td></tr> </tbody> </table>	Sr. no.	Compliance period	Date of submission	1	Oct'16 to Mar'17	30.05.2017	2	Apr'17 to Sep'17	01.12.2017	3	Oct'17 to Mar'18	29.05.2018	4	Apr'18 to Sep'18	30.11.2018	5	Oct'18 to Mar'19	31.05.2019	6	Apr'19 to Sep'19	28.11.2019
Sr. no.	Compliance period	Date of submission																					
1	Oct'16 to Mar'17	30.05.2017																					
2	Apr'17 to Sep'17	01.12.2017																					
3	Oct'17 to Mar'18	29.05.2018																					
4	Apr'18 to Sep'18	30.11.2018																					
5	Oct'18 to Mar'19	31.05.2019																					
6	Apr'19 to Sep'19	28.11.2019																					
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 implement these conditions. The SEIAA	Point noted.																					

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : Oct' 2019 To : Mar' 2020
Status of the conditions stipulated in Environment Clearance		

Sr. No.	Conditions	Compliance Status as on 31-03-2020
	reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention & 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.	
73	This environmental clearance is valid for five years from the date of issue.	Point noted.

Annexure – 1

OK

adani™

PCB ID: 10605

Env Cell/MUPL/CETP/2020/01

Date: 09.01.2020

To,

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

Subject: Submission of Environmental Audit Report of our CETP (MUPL) for the period of 01.04.2019 to 30.09.2019.

Reference: CC&A Order No. AWH-79311 dated 02/06/2016, 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 30th September, 2019. Fees for environment audit have already been done through RTGS / NEFT and details of the same are as below.

Name of Industry	:	MPSEZ Utilities Pvt. Ltd. (MUPL)
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-79311 dated 02.06.2016, valid up to 07.04.2021
Audit Period	:	April-19 to Sep-19
UTR No.	:	AXISCN0044344164, dated 03.01.2020
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 Pvt. Ltd.

Authorized Signatory

Encl:

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

MPSEZ Utilities Pvt Ltd
Adani House
Nr Mithakhali Circle, Navrangpura
Ahmedabad 380 009
Gujarat, India
CIN: U45209GJ2007PTC051323

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

BY
16/01/2020
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010

Annexure – 2

office copy

adani

PCB ID: 10605

Env Cell/MUPL/CETP/AR/2019/22

Date: 22.11.2019

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

Sub.: Submission of Monthly Analysis Reports of Industrial and Sewage effluent of units connected with CETP operated by MPSEZ Utilities Pvt. Ltd.

Ref.: CC&A Order No. AWH-79311, GPCB ID: 10605

Dear Sir,

With reference to the above stated subject, please find enclosed monthly analysis reports of Industrial and Sewage effluent received from following units at CETP for the month of October-2019.

Sr. No.	Unit Name	Remarks
1.	M/s. Dorf Ketal Chemicals India Private Limited.	Industrial
2.	M/s. Ahlstrom Munksjo Fibercomposites India Private Limited	Industrial
3.	M/s SKAPS Industries India (Pvt) Ltd. (Unit-I)	Sewage
4.	M/s SKAPS Industries India (Pvt) Ltd. (Unit-II)	Sewage
5.	M/s Mundra SEZ Textile And Apparel Park Pvt. Ltd.	Sewage

The reports are submitted here-with in view of the condition no. 4 of CC&A order granted by GPCB vide their letter no. PC/CCA-Kutch-644(2)/GPCB ID: 10605/364534 dated 30th July, 2016.

Kindly accept and acknowledge the same.

Yours Faithfully,

For, MPSEZ Utilities Pvt. Ltd.

Authorized Signatory

Cc To:

Regional Officer, Regional Office, Gujarat Pollution Control Board,
Gandhidham,

MPSEZ Utilities Pvt Ltd
Adani House
Nr Mithakhali Circle, Navrangpura
Ahmedabad 380 009
Gujarat, India
CIN: U45209GJ2007PTC051323

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www.adani.com

27-11-19
Received
Gujarat Pollution Control Board
Regional Office
Kutch (East)

Analysis Report (CETP Inlet)

M/s Dorf Ketel Chemicals India Private Limited

Oct-19

Sr. No.	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD	Chloride
				6.5-8.5	2100	800	2000	1000
					mg/l	mg/l	mg/l	mg/l
1	01-Oct-19	166979	83	8.42	1876	105	379	827
2	02-Oct-19	167062	84	8.57	1821	118	442	852
3	03-Oct-19	167146	83	8.33	1913	77	361	817
4	04-Oct-19	167229	84	8.30	1877	65	382	847
5	05-Oct-19	167313	83	8.42	1854	92	365	857
6	06-Oct-19	167396	84	8.20	1789	88	379	869
7	07-Oct-19	167480	83	8.27	1662	78	352	820
8	08-Oct-19	167563	84	8.37	1784	92	370	827
9	09-Oct-19	167647	83	8.54	1880	92	405	817
10	10-Oct-19	167730	84	8.34	1927	101	454	898
11	11-Oct-19	167814	58	8.22	1821	64	471	887
12	12-Oct-19	167872	63	8.31	1756	86	442	905
13	13-Oct-19	167935	84	8.45	1774	117	392	844
14	14-Oct-19	168019	83	8.40	1751	85	327	859
15	15-Oct-19	168102	49	8.52	1985	64	268	869
16	16-Oct-19	168151	84	8.47	1773	89	322	917
17	17-Oct-19	168235	63	8.23	1839	107	426	938
18	18-Oct-19	168298	80	8.18	1790	111	398	890
19	19-Oct-19	168378	82	8.12	1755	102	350	865
20	20-Oct-19	168460	84	8.27	1784	98	364	804
21	21-Oct-19	168544	80	8.38	1786	78	377	773
22	22-Oct-19	168624	87	8.54	1913	90	416	766
23	23-Oct-19	168711	83	8.49	1690	102	448	816
24	24-Oct-19	168794	84	8.43	1566	79	375	786
25	25-Oct-19	168878	83	8.47	1647	88	388	792
26	26-Oct-19	168961	84	8.31	1689	102	428	817
27	27-Oct-19	169045	83	8.27	1787	96	396	842
28	28-Oct-19	169128	84	8.33	1824	89	352	806
29	29-Oct-19	169212	83	8.17	1779	80	342	780
30	30-Oct-19	169295	84	8.42	1708	78	315	797
31	31-Oct-19	169379	83	8.50	1679	85	339	775
32	01-Nov-19	169462						
			2483					

For

MPSEZ Utilities Pvt Ltd

Analysis Report (CETP Inlet)

M/s AHLSTROM MUNKSJO FIBERCOMPOSITES INDIA PRIVATE LIMITED

Oct-19

Sr. No.	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD	Chloride
				6.5-8.5	2100	800	2000	1000
					mg/l	mg/l	mg/l	mg/l
1	01-Oct-19	30685	15	7.27	1785	142	451	713
2	02-Oct-19	30700	15	7.40	1727	118	469	740
3	03-Oct-19	30715	15	7.50	1851	94	412	754
4	04-Oct-19	30730	15	7.62	1922	114	517	813
5	05-Oct-19	30745	15	7.82	1879	106	448	862
6	06-Oct-19	30760	15	7.56	1896	98	489	827
7	07-Oct-19	30775	15	7.91	1972	95	467	848
8	08-Oct-19	30790	15	7.62	1933	108	420	811
9	09-Oct-19	30805	15	7.79	1961	80	445	872
10	10-Oct-19	30820	15	7.90	1879	106	527	912
11	11-Oct-19	30835	15	7.58	1274	68	342	523
12	12-Oct-19	30850	15	7.70	1377	92	370	489
13	13-Oct-19	30865	15	7.68	1312	81	358	542
14	14-Oct-19	30880	15	7.74	1390	65	302	522
15	15-Oct-19	30895	15	7.62	1445	50	234	453
16	16-Oct-19	30910	15	7.48	1392	78	345	542
17	17-Oct-19	30925	15	7.51	1242	112	445	510
18	18-Oct-19	30940	15	7.41	1148	58	277	458
19	19-Oct-19	30955	15	7.56	1245	84	342	505
20	20-Oct-19	30970	15	7.52	1202	70	310	494
21	21-Oct-19	30985	15	7.66	1242	80	351	510
22	22-Oct-19	31000	15	7.70	1258	77	307	491
23	23-Oct-19	31015	15	7.78	1309	82	366	512
24	24-Oct-19	31030	15	7.61	1267	72	342	450
25	25-Oct-19	31045	0	7.72	1247	97	377	474
26	26-Oct-19	31045	15	7.62	1280	102	382	482
27	27-Oct-19	31060	15	7.58	1305	89	356	459
28	28-Oct-19	31075	15	7.80	1344	77	312	489
29	29-Oct-19	31090	15	7.94	1405	98	386	527
30	30-Oct-19	31105	15	7.47	1394	72	413	550
31	31-Oct-19	31120	15	7.81	1345	59	377	562
32	01-Nov-19	31135						
			450					

For

M. P. Rathod

MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)

M/s SKAPS Industries India (Pvt) Ltd. (Unit-I)

Oct-19

Sr. No.	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD
				6.5-8.5	2100 mg/l	800 mg/l	2000 mg/l
1	1-Oct	-	-	-	-	-	-
2	2-Oct	-	-	-	-	-	-
3	3-Oct	-	-	-	-	-	-
4	4-Oct	-	-	7.98	1705	220	661
5	5-Oct	-	-	-	-	-	-
6	6-Oct	-	-	-	-	-	-
7	7-Oct	-	-	-	-	-	-
8	8-Oct	-	-	-	-	-	-
9	9-Oct	-	-	-	-	-	-
10	10-Oct	-	-	-	-	-	-
11	11-Oct	-	-	8.14	1840	261	686
12	12-Oct	-	-	-	-	-	-
13	13-Oct	-	-	-	-	-	-
14	14-Oct	-	-	-	-	-	-
15	15-Oct	-	-	-	-	-	-
16	16-Oct	-	-	-	-	-	-
17	17-Oct	-	-	-	-	-	-
18	18-Oct	-	-	8.11	1698	312	654
19	19-Oct	-	-	-	-	-	-
20	20-Oct	-	-	-	-	-	-
21	21-Oct	-	-	-	-	-	-
22	22-Oct	-	-	-	-	-	-
23	23-Oct	-	-	-	-	-	-
24	24-Oct	-	-	-	-	-	-
25	25-Oct	-	-	7.87	1840	353	633
26	26-Oct	-	-	-	-	-	-
27	27-Oct	-	-	-	-	-	-
28	28-Oct	-	-	-	-	-	-
29	29-Oct	-	-	-	-	-	-
30	30-Oct	-	-	-	-	-	-
31	31-Oct						

Note: Analysis shown as per sampling done by CETP on weekly basis, whether effluent was discharged or not by unit to CETP.

For

N.P. Reddy

MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)

M/s SKAPS Industries India (Pvt) Ltd. (Unit-II)

Oct-19

Sr. No.	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD
				6.5-8.5	2100 mg/l	800 mg/l	2000 mg/l
1	1-Oct	-	-	-	-	-	-
2	2-Oct	-	-	-	-	-	-
3	3-Oct	-	-	-	-	-	-
4	4-Oct	-	-	8.11	1588	201	551
5	5-Oct	-	-	-	-	-	-
6	6-Oct	-	-	-	-	-	-
7	7-Oct	-	-	-	-	-	-
8	8-Oct	-	-	-	-	-	-
9	9-Oct	-	-	-	-	-	-
10	10-Oct	-	-	-	-	-	-
11	11-Oct	-	-	8.23	1709	248	726
12	12-Oct	-	-	-	-	-	-
13	13-Oct	-	-	-	-	-	-
14	14-Oct	-	-	-	-	-	-
15	15-Oct	-	-	-	-	-	-
16	16-Oct	-	-	-	-	-	-
17	17-Oct	-	-	-	-	-	-
18	18-Oct	-	-	8.07	1687	225	689
19	19-Oct	-	-	-	-	-	-
20	20-Oct	-	-	-	-	-	-
21	21-Oct	-	-	-	-	-	-
22	22-Oct	-	-	-	-	-	-
23	23-Oct	-	-	-	-	-	-
24	24-Oct	-	-	-	-	-	-
25	25-Oct	-	-	8.00	1710	257	650
26	26-Oct	-	-	-	-	-	-
27	27-Oct	-	-	-	-	-	-
28	28-Oct	-	-	-	-	-	-
29	29-Oct	-	-	-	-	-	-
30	30-Oct	-	-	-	-	-	-
31	31-Oct						

Note: Analysis shown as per sampling done by CETP on weekly basis, whether effluent was discharged or not by unit to CETP.

For



MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)

M/s Mundra SEZ Textile And Apparel Park Pvt. Ltd.

Oct-19

Sr. No.	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD
				6.5-8.5	2100	800	2000
					mg/l	mg/l	mg/l
1	1-Oct	45109.0	58.6	-	-	-	-
2	2-Oct	45167.6	59.2	-	-	-	-
3	3-Oct	45226.8	60.4	-	-	-	-
4	4-Oct	45287.2	60.2	8.10	1608	216	621
5	5-Oct	45347.4	60.3	-	-	-	-
6	6-Oct	45407.7	58.5	-	-	-	-
7	7-Oct	45466.2	59.3	-	-	-	-
8	8-Oct	45525.5	57.0	-	-	-	-
9	9-Oct	45582.5	58.5	-	-	-	-
10	10-Oct	45641.0	59.1	-	-	-	-
11	11-Oct	45700.1	58.4	8.02	1652	226	663
12	12-Oct	45758.5	57.7	-	-	-	-
13	13-Oct	45816.2	58.4	-	-	-	-
14	14-Oct	45874.6	59.4	-	-	-	-
15	15-Oct	45934.0	59.2	-	-	-	-
16	16-Oct	45993.2	60.0	-	-	-	-
17	17-Oct	46053.2	60.2	-	-	-	-
18	18-Oct	46113.4	59.4	7.93	1738	209	705
19	19-Oct	46172.8	60.1	-	-	-	-
20	20-Oct	46232.9	59.0	-	-	-	-
21	21-Oct	46291.9	59.3	-	-	-	-
22	22-Oct	46351.2	59.5	-	-	-	-
23	23-Oct	46410.7	58.0	-	-	-	-
24	24-Oct	46468.7	60.2	-	-	-	-
25	25-Oct	46528.9	60.0	8.16	1764	234	596
26	26-Oct	46588.9	59.2	-	-	-	-
27	27-Oct	46648.1	60.1	-	-	-	-
28	28-Oct	46708.2	59.2	-	-	-	-
29	29-Oct	46767.4	60.5	-	-	-	-
30	30-Oct	46827.9	59.5	-	-	-	-
31	31-Oct	46887.4	59.2	-	-	-	-
32	1-Nov	46946.6					
			1837.6				

Note: Analysis shown as per sampling done by CETP on weekly basis, whether effluent was discharged or not by unit to CETP.

For

N.P. Rathod

MPSEZ Utilities Pvt Ltd

Annexure – 3

Annexure – 3

Details of Water Consumption (Oct – 19 to Mar – 20)

Sr. No.	Month	Total water Consumption (KL)	Common Effluent Treatment Plant (CETP) Month wise Water consumption data in KL	
			Domestic	Industrial
1.	Oct'19	113	23	90
2.	Nov'19	172	32	140
3.	Dec'19	147	27	120
4.	Jan'20	218	38	180
5.	Feb'20	37	10	27
6.	Mar'20	186	42	144
	Total	873	172	701
	Avg. per Day	4.8	0.9	3.9

Collected Quantity of Trade Effluent and Treated Water Discharge (Oct – 19 to Mar – 20)

Sr. No.	Month	Effluent & Sewage collected from member units + CETP in KL	Treated water Discharge in KL
1	Oct'19	6205	6603
2	Nov'19	6902	4549
3	Dec'19	11359	6589
4	Jan'20	16727	11961
5	Feb'20	14978	15840
6	Mar'20	14710	16435
Total Quantity		63868	61977
Avg. Quantity per Day		349	339

Annexure – 4

Annexure – 4

List of CETP Member Units

Sr. No.	Name of the Member Unit (Industrial Effluent)	Booked Qty. KLD
1	M/s. Dorf Ketel Speciality Catalyst Pvt. Ltd.	85
2	M/s. Ahlstrom Fiber composites India Pvt. Ltd.	15

Sr. No.	Name of the Member Unit (Domestic Sewage)
1	M/s. Skaps Industries India (Pvt.) Ltd.
2	M/s. Skaps Industries India (Pvt.) Ltd. (Unit II)
3	M/s. Mundra SEZ Integtaed Textile Apprel Park Ltd. (MITAP) – Common Facility
4	Mundra Village

Annexure – 5



POLLUCON

LABORATORIES PVT. LTD.

Environmental Auditors, Consultants & Analysts.
Cleaner Production / Waste Minimization Facilitator

Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

"HALF YEARLY ENVIRONMENTAL MONITORING REPORT"

FOR



**COMMON EFFLUENT TREATMENT PLANT [CETP]
MPSEZL UTILITIES PVT LTD (MUPL)
TAL: MUNDRA, KUTCH, MUNDRA – 370 421**

**MONITORING PERIOD:
OCTOBER 2019 TO MARCH 2020**

PREPARED BY:



POLLUCON LABORATORIES PVT.LTD.

**PLOT NO.5/6 "POLLUCON HOUSE", OPP. BALAJI INDUSTRIAL SOCIETY,
OLD SHANTINATH SILK MILL LANE, NEAR GAYTRI FARSAN MART,
NAVJIVAN CIRCLE, UDHANA MAGDALLA ROAD, SURAT-395007.
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TC - 5945

ISO 9001:2015

ISO 14001:2015

OHSAS 18001:2007

**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts
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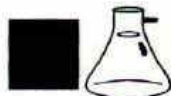
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RESULT OF CETP OUTLET

SR. NO.	TEST PARAMETERS	UNIT	CETP OUTLET							GPCB Permissible Limit CETP OUTLET	TEST METHOD
			Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Feb-20	March-20		
1	pH	--	7.65	7.55	7.67	7.79	7.75	7.83	8.01	6 to 9	IS3025(P11)8 3Re.02
2	Temperature	°C	31.8	31.4	31.3	31	29.2	29.9	31.1	Shall Not exceed more than 5 °C above ambient water temperature	IS3025(P9)84 Re.02
3	Colour	Co-pt	30	20	30	25	40	30	40	100	IS3025(P4)83 Re.02
4	Total Suspended Solids	mg/L	38	24	33	20	29	37	28	100	IS3025(P17)8 4Re.02
5	Oil & Grease	mg/L	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	10	APHA(22 nd Edi) 5520D
6	Phenolic Compound	mg/L	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	1	IS3025(P43)9 2Re.03
7	Fluorides	mg/L	0.28	0.25	0.38	0.55	0.60	0.48	0.55	2	APHA(22 nd Edi) 4500 F D SPANDS
8	Iron	mg/L	0.088	0.076	0.098	0.065	0.048	0.033	0.025	3	AAS APHA(22 nd Edi) 3111 B
9	Zinc as Zn	mg/L	0.12	0.15	0.11	0.096	0.19	0.18	0.12	15	AAS APHA(22 nd Edi) 3111 B
10	Trivalent Chromium	mg/L	0.18	0.23	0.16	0.11	0.075	0.23	0.16	2	AAS APHA(22 nd Edi) 3111 B
11	Sulphide as S	mg/L	0.88	0.6	0.8	0.5	0.24	0.6	0.4	2	APHA(22 nd Edi) 4500-S
12	Ammonical Nitrogen as NH ₃	mg/L	22.4	20	20	16	12	18	21	50	IS3025(P34)8 8Cla.2.3
13	BOD (3 Days @ 27°C)	mg/L	38	29	56	44	32	44	40	100	IS 3025 (P44)1993Re. 03Edition2.1
14	COD	mg/L	172	136	202	150	164	209	186	250	APHA(22 nd Edi) 5520-D Open Reflux
15	Chloride as Cl	mg/L	458	490	712	699	690	713	701	1000	IS3025(P32)8 8Re.99
16	Sulphate as SO ₄	mg/L	82	93	119	94	78	110	129	1000	APHA(22 nd Edi) 4500 SO ₄ E
17	Total Dissolved Solids	mg/L	1288	1316	1904	1544	1900	1982	1964	2100	IS3025(P16)8 4Re.02
18	Total Residual Chlorine	mg/L	0.8	0.6	0.8	Not Detected	Not Detected	Not Detected	Not Detected	1	APHA(22 nd Edi) 4500 Cl
19	Copper as Cu	mg/L	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	3	AAS APHA(22 nd Edi) 3111 B

*Below Detection Limit

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts
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RESULT OF AMBIENT AIR QUALITY MONITORING

WTP- NEAR CETP					
Sr.No.	Date of Sampling	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Dioxide (SO ₂) µg/m ³	Oxides of Nitrogen (NO ₂) µg/m ³
1	02/10/2019	78.54	39.40	18.72	33.23
2	07/10/2019	73.76	30.42	23.70	40.23
3	09/10/2019	87.50	36.57	11.24	30.57
4	14/10/2019	65.36	29.38	14.53	38.26
5	16/10/2019	76.28	44.26	22.31	28.44
6	21/10/2019	68.37	37.57	24.69	39.52
7	23/10/2019	88.62	42.47	16.57	36.55
8	30/10/2019	79.61	38.44	19.51	31.54
9	31/10/2019	90.23	46.67	21.59	41.26
10	04/11/2019	72.35	32.53	24.22	30.25
11	06/11/2019	82.51	43.52	15.65	35.51
12	11/11/2019	78.68	35.69	22.57	45.54
13	13/11/2019	84.38	47.52	26.35	42.39
14	18/11/2019	73.60	39.65	18.48	39.57
15	20/11/2019	90.24	52.60	23.33	36.54
16	25/11/2019	85.32	32.49	21.56	33.57
17	27/11/2019	94.54	49.27	17.76	40.22
18	02/12/2019	70.55	38.23	20.38	33.43
19	04/12/2019	68.62	27.41	27.67	41.59
20	09/12/2019	82.61	37.28	17.58	30.56
21	11/12/2019	94.28	53.44	19.51	34.57
22	16/12/2019	82.44	45.32	24.53	28.60
23	18/12/2019	92.34	49.23	26.45	31.52
24	23/12/2019	74.56	42.44	25.62	39.57
25	25/12/2019	80.25	46.56	29.44	35.51
26	30/12/2019	71.51	34.28	23.48	40.53
27	01/01/2020	73.59	36.53	21.55	36.56
28	06/01/2020	66.85	30.24	25.50	33.45
29	08/01/2020	92.60	53.48	23.34	42.31
30	13/01/2020	81.27	47.48	20.51	39.52

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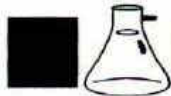
H. T. Shah

Lab Manager



Dr. Arun Bajpai

Lab Manager (Q)

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WTP/ NEAR CETP					
Sr.No.	Date of Sampling	Particulate Matter (PM10) µg/m3	Particulate Matter (PM2.5) µg/m3	Sulphur Dioxide (SO2) µg/m3	Oxides of Nitrogen (NO2) µg/m3
31	15/01/2020	70.64	43.65	18.21	29.56
32	20/01/2020	84.20	48.23	16.24	30.26
33	22/01/2020	77.20	38.57	27.60	34.51
34	27/01/2020	93.23	52.31	14.23	28.63
35	29/01/2020	74.65	35.44	24.59	37.29
36	03/02/2020	84.30	41.36	17.52	34.23
37	05/02/2020	64.24	37.24	19.41	37.57
38	10/02/2020	79.37	44.57	20.35	30.21
39	12/02/2020	89.36	50.23	22.34	33.51
40	17/02/2020	77.53	34.53	15.42	26.32
41	19/02/2020	62.57	26.36	24.66	29.41
42	24/02/2020	85.33	46.27	13.55	27.55
43	26/02/2020	75.66	41.53	21.56	35.68
44	02/03/2020	79.55	46.52	18.23	29.42
45	04/03/2020	88.23	49.56	21.66	35.37
46	09/03/2020	66.51	38.57	25.43	27.24
47	11/03/2020	82.67	43.32	20.55	37.56
48	16/03/2020	78.24	35.65	26.39	40.24
49	18/03/2020	86.52	50.27	22.83	43.53
TEST METHOD		IS:5182(Part 23):Gravimetric CPCB - Method (Vol.I,May-2011)	Gravimetric- CPCB - Method (Vol.I,May-2011)	IS:5182(Part II):Improved West and Gaeke	IS:5182(Part VI):Modified Jacob &Hochheiser (NaOH-NaAsO2)

*Below detection limit

H. T. Shah

Lab Manager



Dr. Arun Bajpai

Lab Manager (Q)

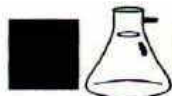
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RESULT OF AMBIENT AIR QUALITY MONITORING

AIR STRIP								
Sr. No.	Date of Sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM 2.5) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO2) $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen (NO2) $\mu\text{g}/\text{m}^3$	Carbon Monoxide as CO mg/m^3	Hydrocarbon as CH₄ mg/m^3	Benzene as C₆H₆ $\mu\text{g}/\text{m}^3$
1	02/10/2019	62.64	35.39	14.25	28.66	0.14	BDL*	BDL*
2	07/10/2019	49.39	27.63	11.37	20.44	0.22	BDL*	BDL*
3	09/10/2019	67.45	40.20	9.51	15.62	0.11	BDL*	BDL*
4	14/10/2019	60.42	34.29	19.55	24.30	0.32	BDL*	BDL*
5	16/10/2019	57.53	22.38	12.45	23.55	0.24	BDL*	BDL*
6	21/10/2019	72.45	36.27	6.34	19.61	0.37	BDL*	BDL*
7	23/10/2019	48.32	18.69	13.25	21.23	0.48	BDL*	BDL*
8	30/10/2019	66.46	29.70	7.79	25.33	0.27	BDL*	BDL*
9	31/10/2019	83.69	26.59	16.58	29.22	0.41	BDL*	BDL*
10	04/11/2019	66.34	36.29	13.84	23.42	0.34	BDL*	BDL*
11	06/11/2019	75.68	39.38	9.57	26.70	0.40	BDL*	BDL*
12	11/11/2019	52.30	30.44	17.53	31.50	0.24	BDL*	BDL*
13	13/11/2019	79.62	42.64	12.61	22.46	0.15	BDL*	BDL*
14	18/11/2019	58.44	32.45	7.16	19.65	0.18	BDL*	BDL*
15	20/11/2019	71.65	44.22	16.18	32.44	0.23	BDL*	BDL*
16	25/11/2019	68.58	31.53	10.55	28.64	0.30	BDL*	BDL*
17	27/11/2019	53.79	24.51	15.64	24.58	0.52	BDL*	BDL*
18	02/12/2019	54.51	27.69	7.91	17.59	0.23	BDL*	BDL*
19	04/12/2019	77.52	38.54	15.66	21.50	0.16	BDL*	BDL*
20	09/12/2019	69.49	34.62	10.23	24.54	0.32	BDL*	BDL*
21	11/12/2019	70.68	31.57	17.36	31.55	0.57	BDL*	BDL*
22	16/12/2019	88.22	42.51	11.23	23.38	0.26	BDL*	BDL*
23	18/12/2019	65.32	36.50	18.55	26.54	0.38	BDL*	BDL*
24	23/12/2019	58.48	20.25	21.30	22.55	0.44	BDL*	BDL*
25	25/12/2019	71.56	37.54	13.61	19.22	0.19	BDL*	BDL*
26	30/12/2019	52.65	25.47	8.53	15.65	0.48	BDL*	BDL*
27	01/01/2020	57.55	25.31	6.81	28.60	0.42	BDL*	BDL*
28	06/01/2020	74.23	40.26	13.57	20.31	0.54	BDL*	BDL*
29	08/01/2020	84.27	42.59	16.60	29.38	0.25	BDL*	BDL*
30	13/01/2020	79.45	45.31	10.49	19.49	0.49	BDL*	BDL*

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

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AIR STRIP								
Sr. No.	Date of Sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM 2.5) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (SO2) $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen (NO2) $\mu\text{g}/\text{m}^3$	Carbon Monoxide as CO mg/m^3	Hydrocarbon as CH ₄ mg/m^3	Benzene as C ₆ H ₆ $\mu\text{g}/\text{m}^3$
31	15/01/2020	52.62	30.19	7.47	15.68	0.18	BDL*	BDL*
32	20/01/2020	64.33	38.46	9.65	18.67	0.64	BDL*	BDL*
33	22/01/2020	70.29	35.29	11.49	23.36	0.22	BDL*	BDL*
34	27/01/2020	66.26	29.44	8.63	21.58	0.30	BDL*	BDL*
35	29/01/2020	59.60	26.39	19.28	25.34	0.36	BDL*	BDL*
36	03/02/2020	62.36	22.38	8.65	17.19	0.53	BDL*	BDL*
37	05/02/2020	70.22	34.58	14.22	26.29	0.34	BDL*	BDL*
38	10/02/2020	58.66	20.59	9.64	20.22	0.41	BDL*	BDL*
39	12/02/2020	68.65	36.25	15.63	23.47	0.22	BDL*	BDL*
40	17/02/2020	55.33	28.48	6.54	16.28	0.48	BDL*	BDL*
41	19/02/2020	69.33	32.40	19.60	24.68	0.31	BDL*	BDL*
42	24/02/2020	78.59	37.67	7.53	13.54	0.15	BDL*	BDL*
43	26/02/2020	65.65	39.46	16.31	22.61	0.40	BDL*	BDL*
44	02/03/2020	73.52	38.67	15.64	18.66	0.49	BDL*	BDL*
45	04/03/2020	66.27	22.34	10.31	22.69	0.26	BDL*	BDL*
46	09/03/2020	55.32	36.37	14.32	30.21	0.39	BDL*	BDL*
47	11/03/2020	67.55	41.26	6.60	25.46	0.46	BDL*	BDL*
48	16/03/2020	57.62	30.32	11.55	27.88	0.22	BDL*	BDL*
49	18/03/2020	65.33	37.33	16.21	23.61	0.25	BDL*	BDL*
	TEST METHOD	IS:5182(Part 23):Gravimetric CPCB - Method (Vol.I, May-2011)	Gravimetric-CPCB - Method (Vol.I, May-2011)	IS:5182(Part II):Improved West and Gaeke	IS:5182(Part VI):Modified Jacob & Hochheiser (NaOH-NaAsO ₂)	NDIR Digital Gas Analyzer	SOP: HC: GC/GCMS/ Gas analyzer	IS 5182 (Part XI):2006/CPCB Method

*Below detection limit

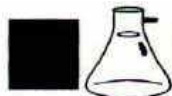
H. T. Shah

Lab Manager



Dr. Arun Bajpai

Lab Manager (Q)

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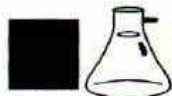
RESULTS OF NOISE LEVEL MONITORING**Result of Noise level monitoring [Day Time]**

SR. NO.	Name of Location	WTP- NEAR CETP					
		Result [dB(A) Leq]					
		04/10/2019	01/11/2019	09/12/2019	02/01/2020	26/02/2020	11/03/2020
1	6:00-7:00	67.3	63.2	65.2	63.2	65.3	65.2
2	7:00-8:00	62.1	67.3	68.8	64.8	68.5	68.3
3	8:00-9:00	69.4	69.4	63.2	65.5	62.3	63.4
4	9:00-10:00	71.3	72.2	62.1	69.6	60.3	66.8
5	10:00-11:00	67.7	66.5	66.8	68.9	63.1	69.4
6	11:00-12:00	65.3	64.3	68.5	66.9	64.8	65.3
7	12:00-13:00	63.8	67.4	66.3	64.8	68.4	61.2
8	13:00-14:00	69.4	68.4	63.2	62.1	65.8	64.2
9	14:00-15:00	63.2	64.2	70.3	60.3	69.5	63.6
10	15:00-16:00	69.5	66.8	69.3	65.3	70.9	68.3
11	16:00-17:00	65.1	68.3	54.2	62.5	67.5	63.2
12	17:00-18:00	63.3	70.8	62.3	68.7	69.4	67.4
13	18:00-19:00	69.7	64.2	65.4	65.3	63.9	69.9
14	19:00-20:00	67.4	63.1	64.8	63.5	66.5	65.3
15	20:00-21:00	64.4	65	67.4	67.8	62.8	62.1
16	21:00-22:00	63.1	65.8	65.3	66.9	60.2	65.9
Day Time Limit*		75 dB(A) Leq					

Result of Noise level monitoring [Night Time]

SR. NO.	Name of Location	WTP- NEAR CETP					
		Result [dB(A) Leq]					
		04/10/2019	01/11/2019	09/12/2019	02/01/2020	26/02/2020	11/03/2020
1	22:00-23:00	69.5	65.3	60.4	63.4	64.3	67.3
2	23:00-00:00	65.2	60.2	52.1	62.7	67.9	64.3
3	00:00-01:00	62.3	63.1	57.1	68.4	60.3	62.3
4	01:00-02:00	62.8	59.3	53.4	61.4	62.7	66.3
5	02:00-03:00	68.4	63.2	60.4	60.8	65.1	67.3
6	03:00-04:00	65.9	62.1	62.4	65.3	67.4	62.2
7	04:00-05:00	60.2	60.3	61.4	62.4	62.1	60.3
8	05:00-06:00	63.2	61.5	67.4	62.4	60.3	62.2
Night Time Limit*		70 dB(A) Leq					

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

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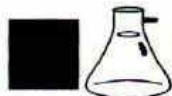
RESULTS OF NOISE LEVEL MONITORING**Result of Noise level monitoring [Day Time]**

SR. NO.	Name of Location	AIR STRIP					
		Result [dB(A) Leq]					
		23/10/2019	15/11/2019	25/12/2019	13/01/2020	27/02/2020	--
1	6:00-7:00	52.4	54.6	57.3	54.2	56.3	--
2	7:00-8:00	57.5	59.7	60.2	59.4	61.3	--
3	8:00-9:00	60.4	62.4	62.1	60.3	65.8	--
4	9:00-10:00	68.5	60.4	65.4	63.4	62.1	--
5	10:00-11:00	61.3	67.4	62.1	65.3	60.4	--
6	11:00-12:00	64.4	66.3	68.2	69.5	66.4	--
7	12:00-13:00	66.4	63.6	66.3	63.3	68.3	--
8	13:00-14:00	68.4	60.4	62.4	61.6	65.3	--
9	14:00-15:00	63.1	64.1	66.9	62.9	63.8	--
10	15:00-16:00	60.3	61.4	65.5	60.2	68.0	--
11	16:00-17:00	65.3	65.2	62.1	62.3	64.2	--
12	17:00-18:00	63.1	66.6	61.2	65.3	60.2	--
13	18:00-19:00	67.4	62.3	63.2	61.2	58.3	--
14	19:00-20:00	63.3	62.8	60.3	63.5	62.5	--
15	20:00-21:00	62.2	60.5	64.3	65.4	60.9	--
16	21:00-22:00	65.2	66.7	67.4	63.3	57.9	--
Day Time Limit*		75 dB(A) Leq					

Result of Noise level monitoring [Night Time]

SR. NO.	Name of Location	AIR STRIP					
		Result [dB(A) Leq]					
		23/10/2019	15/11/2019	25/12/2019	13/01/2020	27/02/2020	--
1	22:00-23:00	64.2	62.3	60.3	53.4	59.8	--
2	23:00-00:00	60.2	59.4	60.5	56.1	64.3	--
3	00:00-01:00	53.2	60.3	57.3	49.8	56.3	--
4	01:00-02:00	50.3	52.1	52.6	52.7	62.1	--
5	02:00-03:00	48.3	58.3	54.7	57.4	56.3	--
6	03:00-04:00	53.7	55.2	50.4	60.4	53.4	--
7	04:00-05:00	58.1	54.9	59.4	60.8	56.8	--
8	05:00-06:00	55.2	60.3	62.5	61.8	60.4	--
Night Time Limit*		70 dB(A) Leq					

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

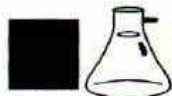
**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts.
Cleaner Production / Waste Minimization Facilitator

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RESULTS OF D.G. STACK MONITORING

23/11/2019					
SR. NO.	TEST PARAMETERS	Unit	WTP	GPCB Limit	Test Method
			D.G. Set (380KVA)		
1	Particulate Matter	mg/Nm ³	17.81	150	IS:11255 (Part-I):1985
2	Sulphur Dioxide	ppm	5.50	100	IS:11255 (Part-II):1985
3	Oxide of Nitrogen	ppm	29.47	50	IS:11255 (Part-VII):2005
4	Carbon Monoxide	mg/m ³	9.08	Not Specified	Digital Gas Analyzer
5	Hydro Carbon NMHC	ppm	Not Detected	Not Specified	Gas Chromatography

*DG sets are used as standby, so stack monitoring is done on quarterly basis. Results on 15 % O₂ Correction when Oxygen is greater than 15 %**H. T. Shah****Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

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Minimum Detection Limit [MDL]

Ambient Air Parameter		
Sr. No.	Test parameter	MDL
1	Particulate Matter (PM ₁₀) (µg/m ³)	10
2	Particulate Matter (PM 2.5) (µg/m ³)	10
3	Sulphur Dioxide (SO ₂) (µg/m ³)	5
4	Oxides of Nitrogen(µg/m ³)	5
5	Carbon Monoxide (CO)(mg/m ³)	0.1
6	Hydrocarbon (CH ₄) (mg/m ³)	150
7	Benzene (C ₆ H ₆)(µg/m ³)	2

Stack parameter		
Sr.No.	Test parameter	MDL
1	Particulate Matter (mg/Nm ³)	10
2	Sulphur Dioxide (ppm)	1.52
3	Oxides of Nitrogen (ppm)	2.65
4	Carbon Monoxide (mg/Nm ³)	0.1
5	Hydro Carbon NMHC(ppm)	1.0

Water parameter(mg/L)		
Sr. No.	Test parameter	MDL
1	pH	2
2	Temperature	2
3	Colour	2
4	Total Suspended Solids	2
5	Oil & Grease	2
6	Phenolic Compound	0.005
7	Fluorides	0.05
8	Iron	0.01
9	Zinc as Zn	0.05
10	Trivalent Chromium	0.05
11	Sulphide as S	0.1
12	Ammonical Nitrogen as NH ₃	0.2
13	BOD (3 Days @ 27 °C)	1
14	COD	5
15	Chloride as Cl	1
16	Sulphate as SO ₄	1
17	Total Dissolved Solids	10
18	Total Residual Chlorine	0.2
19	Copper as Cu	0.01

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts.
Cleaner Production / Waste Minimization Facilitator

Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

"HALF YEARLY ENVIRONMENTAL MONITORING REPORT"

FOR

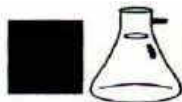
**MPSEZ UTILITIES PVT. LTD. (CETP)
ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED
TAL: MUNDRA, KUTCH, MUNDRA – 370 421**

**MONITORING PERIOD:
OCTOBER 2019 TO MARCH 2020**

PREPARED BY:**POLLUCON LABORATORIES PVT.LTD.**

**PLOT NO.5/6 "POLLUCON HOUSE", OPP. BALAJI INDUSTRIAL SOCIETY,
OLD SHANTINATH SILK MILL LANE, NEAR GAYTRI FARSAH MART,
NAVJIVAN CIRCLE, UDHANA MAGDALLA ROAD, SURAT-395007.
PHONE/FAX – (+91 261) 2455 751, 2601 106, 2601 224.
E-mail: pollucon@gmail.com Web: www.polluconlab.com**

TC - 5945**ISO 9001:2015****ISO 14001:2015****OHSAS 18001:2007**

**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts
Cleaner Production / Waste Minimization Facilitator

Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

RESULTS OF BORE HOLE WATER

SR. NO	TEST PARAMETERS	UNIT	RESULTS	TEST METHOD
			NEAR CETP MAIN GATE	
	Sampling Date		06/12/2019	
1	pH	--	8.1	IS3025(P11)83Re.02
2	Salinity	ppt	3.5	APHA 2520B
3	Oil & Grease	mg/L	Not Detected	APHA(22 nd Edi)5520D
4	Hydrocarbon	mg/L	Not Detected	GC/GC-MS
5	Lead as Pb	mg/L	0.046	AAS APHA(22 nd Edi)3111 B
6	Arsenic as As	mg/L	Not Detected	AAS APHA 3114 B
7	Nickel as Ni	mg/L	Not Detected	AAS APHA(22 nd Edi)3111 B
8	Total Chromium as Cr	mg/L	0.037	AAS 3111B
9	Cadmium as Cd	mg/L	Not Detected	AAS APHA(22 nd Edi)3111 B
10	Mercury as Hg	mg/L	Not Detected	AAS APHA- 3112 B
11	Zinc as Zn	mg/L	0.068	AAS APHA(22 nd Edi)3111 B
12	Copper as Cu	mg/L	Not Detected	AAS APHA(22 nd Edi)3111 B
13	Iron as Fe	mg/L	0.15	AAS APHA(22 nd Edi)3111 B
14	Insecticides/Pesticides	mg/L	Absent	GC/GC-MS
15	Depth of Water Level from Ground Level	meter	2.50	--

*BDL: Below Detection Limit

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts.
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Borehole Water Parameters			
SR. NO.	TEST PARAMETERS	UNIT	MDL
1	pH	--	2
2	Salinity	mg/L	0.5
3	Oil & Grease	mg/L	2
4	Hydrocarbon	mg/L	0.01
5	Lead as Pb	mg/L	0.01
6	Arsenic as As	mg/L	0.001
7	Nickel as Ni	mg/L	0.02
8	Total Chromium as Cr	mg/L	0.025
9	Cadmium as Cd	mg/L	0.002
10	Mercury as Hg	mg/L	0.005
11	Zinc as Zn	mg/L	0.06
12	Copper as Cu	mg/L	0.01
13	Iron as Fe	mg/L	0.1
14	Insecticides/Pesticides	mg/L	0.1

H. T. Shah**Lab Manager****Dr. Arun Bajpai****Lab Manager (Q)**

Annexure – 6

Chiragsing Rajput

From: Chiragsing Rajput
Sent: Monday, April 6, 2020 6:14 PM
To: 'ro-gpcb-kute@gujarat.gov.in'; rowz.bpl-mef@nic.in; mefcc.ia3@gmail.com; monitoring-ec@nic.in; 'ms-gpcb@gujarat.gov.in'
Cc: Shalin Shah; Azharuddin Kazi; Vivek Gundraniya; Kripa Shah; Mahendra Kumar Ghritlahre (Mahendra.Ghritlahare@adani.com); Ashvin Kumar Patni; Dhanesh Tank
Subject: Intimation Letter_Stoppage of Environment Monitoring due to COVID-19_APSEZ, Mundra
Attachments: Letter_Stoppage of Envionmental Monitoring due to COVID-19.pdf

Dear Sir,

Please find attached intimation letter w.r.t. stoppage of environmental monitoring within Adani Ports & SEZ Limited, Mundra, Kutch (Gujarat) since 23rd March, 2020 considering COVID-19 Pandemic lockdown.

So kindly consider this submission and oblige.

Thanks & Regards,
Chiragsing Rajput
Environment Cell | Adani Ports & Special Economic Zone Ltd.
Mob +91 9687678443 | Ext: 52132 | chiragsing.rajput@adani.com | www.adani.com
Adani House, 1st Floor, P.O. Box 1, Mundra 370 421, Gujarat, India.

adani

Growth
with
Goodness

Our Values: Courage | Trust | Commitment



APSEZL/EnvCell/2020-21/001

Date: 06.04.2020

To,

Regional Officer,

Regional Office – East Kutch

Gujarat Pollution Control Board,

Gandhidham – 370201.

Subject: Intimation for stoppage of environmental monitoring within APSEZ, Mundra (Kutch, Gujarat) during COVID – 19 Pandemic lockdown.

Ref.: Regulatory Permission obtained by APSEZ, Mundra (Kutch, Gujarat) as per attached **Annexure – 1.**

Dear Sir,


With reference to above stated subject, we would like intimate you that, in compliance to various regulatory permissions granted by MoEF&CC / SEIAA as well as SPCB for various project, M/s. Adani Ports and SEZ Limited, Mundra (Kutch, Gujarat) has been regularly carrying out post environment clearance, monitoring (environmental attributes viz. Air, Water, Noise, Soil, Marine etc.) through NABL accredited / MoEF recognized laboratory and same is being reported/submitted to regulatory body periodically.

However, considering the current scenario of COVID – 19 Pandemic lockdown, we were forced to stop the Environmental Monitoring from 23rd March, 2020 and same shall be restarted after completion of this lockdown period and/or when the condition is normalized (as directed by district administration/State/Central Govt.). The date of restart of Environment Monitoring, shall be communicated to your good office.

Kindly consider our above submission and oblige.

Thanks & Regards

For, Adani Ports and Special Economic Zone Limited



Shalin Shah

(Head – Environment)

CC To:

1. Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382 010
2. APCCF, Regional Office (WZ), MoEF&CC, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Link Road No. – 3, Bhopal – 462 016
3. The Director (IA Division), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003

Adani Ports and Special Economic Zone Ltd
Adani House,
PO Box No. 1
Mundra, Kutch 370 421
Gujarat, India

Tel +91 2838 25 5000
Fax +91 2838 25 51110
info@adani.com
www.adani.com

ANNEXURE – 1

REGULATORY PERMISSIONS

Sr. No.	Permission for	Ref. No. & Dated
Environmental / CRZ clearance from MoEF&CC / SEIAA		
1.	Handling facility of General Cargo / LPG /Chemicals and their storage terminal	F. No. J-16011/13/95-IA.III, 25 th August, 1995
2.	Port expansion project including dry/break bulk cargo container terminal, railway link and related ancillary and back-up facilities	F. No. J-16011/40/99-IA.III, 20 th September, 2000
3.	Single Point Mooring (SPM), Crude Oil Terminal (COT) and connecting pipes	F. No. J-16011/30/2003-IA-III, 21 st July, 2004
4.	Development of Multipurpose berth (Terminal- 2)	F. No. 11-84/2006- IA.III, 5 th February, 2007
5.	Water Front Development Project	F. No. 10-47/2008- IA.III, 12 th & 19 th January, 2009, 7 th October, 2015
6.	Township and area development project	Letter No. SEIAA/GUJ/EC/8(b)/44 /2010, 20 th February, 2010
7.	Establishment of Common Effluent Treatment Plant (CETP) of 17 MLD	Letter no. SEIAA/GUJ/EC/7(h)/43/2010, 20 th February, 2010
8.	Multi Product SEZ, Desalination, Sea Water Intake, Outfall Facility and Pipeline	F. No. 10-138/2008-IA.III, 15 th July, 2014
Consent to Operate from SPCB		
1.	Mundra Port Terminal (PCB ID: 17739) for handling, storage and distribution of Dry, Liquid and Containerized Cargo	Order No. AWH-83561, Dated 09.02.2017
2.	WFDP – West Port (PCB ID: 35427) for Dry cargo handling	Order No. AWH-79241, Dated 28.07.2016
3.	SPM and Pipeline for Crude Oil Terminal (PCB ID: 37436)	Order No. WH-86980, Dated 30.08.2017
4.	Multi Product SEZ (PCB ID: 31463)	Order No. AWH-88998, Dated 23.11.2017
5.	MUPL – CETP (PCB ID: 10605) for 2.5 MLD Capacity	Order No. AWH-79311, Dated 29.07.2016
6.	AMSIPL (PCB ID: 10602) for township and area development	Order No. AWH-89533, Dated 05.12.2017
7.	APSEZ, Residential colony (PCB ID: 17738) for STPs (350 + 250 KLD) & RO Plant (10 KLPH)	Order No. AWH-81075, Dated 12.09.2016
8.	MLPTPL (PCB ID: 53331) for handling, storage and distribution of LPG	Order No. AWH-103906, Dated 09.11.2019

Annexure – 7



**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:277738 - Analysis Completion:18/03/2020

**Common treatment and disposal facilities(CETP, TSDF, Ewaste
recycling, CBMWTF, effluent conveyance project, incinerator,
solvent/acid recovery plant, MSW sanitary landfill site) / LAB Inward :
5874**

TEST REPORT

Test Report No. : 5874

Date: 18/03/2020

- | | |
|---|--|
| 1. Name of the Customer | : Mpsez Utilities Pvt. Ltd.(Mupl) - 10605 |
| 2. Address | : SURVEY NO. 141 (PART),SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. MUNDRA |
| 3. Nature of Sample | : REP-Representative/Grab, (Insp Type : ROU-Routine Visit) |
| 4. Sample Collected By | : R.H.JIVANI,SO |
| 5. Quantity of Sample Received | : 5 ltr |
| 6. Code No. of the Sample | : 277738 |
| 7. Date & Time of Collection & Inwarding | : 03/03/2020 , (1720 to 1722) & 05/03/2020 |
| 8. Date of Start & Completion of Analysis | : 05/03/2020 & 18/03/2020 |
| 9. Sampling Point | : P-Collection Tank ~ From collection tank B/T |
| 10. Flow Details (Remarks) | : Observed |
| 11. Mode of Disposal | : In to CETP for treatment |
| 12. Ultimate Receiving Body | : u/g strata |
| 13. Temperature on Collection | : 27 & pH Range on pH Strip :7 to 8 on pH strip |
| 14. Carboys Nos for | : W 3 & Color & Appearance :Gray |
| 15. Water Consumption & W.W.G (KLPD) | : Ind :80.000 , Dom :20.000 & Ind :0.000 , Dom :15.000 |

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	Temperature	Centigrade	IS: 3025 (Part – 9) – 1984(Reaffirmed 2006)	Ambient oC - 60 oC	27
2	pH	pH Units	4500 H+ B APHA Standard Methods 22nd edi.2012	1 – 14 pH value As or	7.72
3	Colour	Pt.Co.Sc.	2120 B APHA Standard Methods 22nd edi. 2012	2 - to 99 Hazen & 1-50	60
4	Total Dissolved Solids	mg/l	Gravimetric method. (2540 C APHA Standard Methoc	10 – 200000 mg/L	1236
5	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Methoc	2 – 10000 mg/L	134
6	Ammonical Nitrogen	mg/l	1).Titrimetric method (4500 NH3 B & C APHA Standa	1 - 2000 mg/l.	22.96
7	Percent Sodium	%Na	IS11624-1986(Reaffirmed 2009)	0.01 – 100%.	74.97
8	Chloride	mg/l	Argentometric method. (4500 Cl? B APHA Standard M	1 - 50000 mg/l	640
9	Sulphate	mg/l	APHA(22nd edi)4500 SO4 E	2-40mg/l	88
10	Chemical Oxygen Demand	mg/l	APHA (22nd Edition)- 5220 B Open Reflux Method-2	5.0- 50000 mg/l	538
11	Oil & Grease	mg/l	Liquid – Liquid Partition Gravimetric method. (5520 B	01 – 1000 mg/l	4
12	Phenolic Compounds	mg/l	4 Amino Antipyrine method without Chloroform Extra	0.1 – 50 mg/l	0.2
13	Fluoride	mg/l	SPADNS method (4500-F-D APHA standard Methods	0.10-40 mg/l	1.9
14	Sulphide	mg/l	APHA (22nd Edi.)4500-s2-F –iodometric Method	1-500.0 mg/l	1.78
15	Iron	mg/l	(3111 B APHA Standard methods 21st edi)	0.02-150mg/l	U/A
16	Zinc	mg/l	(3111 B APHA Standard methods 21st edi)	0.005-100mg/l	U/A
17	Hexavalent Chromium	mg/l	APHA (22nd Edition) –3500 – Cr B : -2012 Colorimet	0.1 – 100 mg/l	0.0
18	Copper	mg/l	3111 B APHA Standard methods 21st edi)	0.01-150 mg/l	U/A
19	B.O.D (3 Days 27oC)	mg/l	3 – Day BOD test. (IS 3025 (Part 44) 1993 Reaffirme	05–50000 mg/l	226

Laboratory Remarks : Sample freeze By:682-ae_682 Dt.: 18/03/2020



Dr. S. N. Agravat

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- 22nd Edition by APHA.
9. Bioassay test (for toxicity) -IS:6582:Part-2:2001; Reaffirmed 2007.



**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:277739 - Analysis Completion:18/03/2020

**Common treatment and disposal facilities(CETP, TSDF, Ewaste
recycling, CBMWTF, effluent conveyance project, incinerator,
solvent/acid recovery plant, MSW sanitary landfill site) / LAB Inward :
5875**

TEST REPORT

Test Report No. : 5875

Date: 18/03/2020

- | | |
|---|--|
| 1. Name of the Customer | : Mpsez Utilities Pvt. Ltd.(Mupl) - 10605 |
| 2. Address | : SURVEY NO. 141 (PART),SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. MUNDRA |
| 3. Nature of Sample | : REP-Representative/Grab, (Insp Type : ROU-Routine Visit) |
| 4. Sample Collected By | : R.H.JIVANI,SO |
| 5. Quantity of Sample Received | : 5 ltr |
| 6. Code No. of the Sample | : 277739 |
| 7. Date & Time of Collection & Inwarding | : 03/03/2020 , (1730 to 1732) & 05/03/2020 |
| 8. Date of Start & Completion of Analysis | : 05/03/2020 & 18/03/2020 |
| 9. Sampling Point | : ## Final Outlet of the ETP ~ From final out let of CETP |
| 10. Flow Details (Remarks) | : Observed |
| 11. Mode of Disposal | : On land for gardening/plantation |
| 12. Ultimate Receiving Body | : u/g strata |
| 13. Temperature on Collection | : 27 & pH Range on pH Strip :7 to 8 on pH strip |
| 14. Carboys Nos for | : W 4 & Color & Appearance :Light yellow |
| 15. Water Consumption & W.W.G (KLPD) | : Ind :80.000 , Dom :20.000 & Ind :0.000 , Dom :15.000 |

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	Temperature	Centigrade	IS: 3025 (Part – 9) – 1984(Reaffirmed 2006)	Ambient oC - 60 oC	27
2	pH	pH Units	4500 H+ B APHA Standard Methods 22nd edi.2012	1 – 14 pH value As or	7.63
3	Colour	Pt.Co.Sc.	2120 B APHA Standard Methods 22nd edi. 2012	2 - to 99 Hazen & 1-50	20
4	Total Dissolved Solids	mg/l	Gravimetric method. (2540 C APHA Standard Methoc	10 – 200000 mg/L	1686
5	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Methoc	2 – 10000 mg/L	38
6	Ammonical Nitrogen	mg/l	1).Titrimetric method (4500 NH3 B & C APHA Standa	1 - 2000 mg/l.	56.56
7	Percent Sodium	%Na	IS11624-1986(Reaffirmed 2009)	0.01 – 100%.	76.17
8	Chloride	mg/l	Argentometric method. (4500 Cl? B APHA Standard M	1 - 50000 mg/l	810
9	Sulphate	mg/l	APHA(22nd edi)4500 SO4 E	2-40mg/l	82
10	Chemical Oxygen Demand	mg/l	APHA (22nd Edition)- 5220 B Open Reflux Method-2	5.0- 50000 mg/l	80
11	Oil & Grease	mg/l	Liquid – Liquid Partition Gravimetric method. (5520 B	01 – 1000 mg/l	2.4
12	Phenolic Compounds	mg/l	4 Amino Antipyrine method without Chloroform Extra	0.1 – 50 mg/l	0.0
13	Fluoride	mg/l	SPADNS method (4500-F-D APHA standard Methods	0.10-40 mg/l	2
14	Iron	mg/l	(3111 B APHA Standard methods 21st edi)	0.02-150mg/l	U/A
15	Zinc	mg/l	(3111 B APHA Standard methods 21st edi)	0.005-100mg/l	U/A
16	Hexavalent Chromium	mg/l	APHA (22nd Edition) –3500 – Cr B : -2012 Colorimet	0.1 – 100 mg/l	0.0
17	Copper	mg/l	3111 B APHA Standard methods 21st edi)	0.01-150 mg/l	U/A
18	B.O.D (3 Days 27oC)	mg/l	3 – Day BOD test. (IS 3025 (Part 44) 1993 Reaffirme	05–50000 mg/l	28

Laboratory Remarks : Sample freeze By:682-ae_682 Dt.: 18/03/2020



Dr. S. N. Agravat

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- 22nd Edition by APHA.
9. Bioassay test (for toxicity) -IS:6582:Part-2:2001; Reaffirmed 2007.




Annexure – 8

MPSEZ UTILITIES PVT LTD

Common Effluent Treatment Plant

Day shift

Date: 01/02/20

Unit	Time	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	Total running Hrs
MITAP Pump (I & II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Atc
Sector 5 Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Screen Chamber Mechanism		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	01
Effluent Feed Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Triton Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	09
Triton Blower		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Neutralisation Blower		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Lime Dosing Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Lime Dosing Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Alum Dosing Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Alum Dosing pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Poly Electrolyte Dosing Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Poly Electrolyte Dosing Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	05
Primary Clarifier Mechanism		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	09
Primary Sludge Drain Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	01
Primary Sludge Drain Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	01
Aeration I Blower		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	09
Aeration II Blower		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	09
Secondary Clarifier		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	09
Sludge Recirculation Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Secondary Sludge Drain Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Secondary Sludge Drain Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Sludge Thickener Mechanism		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Sludge Thickener Drain Mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Sludge Thickener Drain Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Chlorine Dosing Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Filter Feed Pump		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
Electrical Meter Reading		Initial	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Energy Meter of CETP		6792.25	—	—	—	—	—	—	—	—	—	—	—	—
Flow Meter Reading		Initial	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
MITAP Line		163775	—	—	—	—	—	—	—	—	—	—	—	—
Sector 5 Line		213961	—	—	—	—	—	—	—	—	—	—	—	—
Final Outlet (MGF&ACF)		3086	—	—	—	—	—	—	—	—	—	—	—	—
Final Outlet (Horticulture)		—	—	—	—	—	—	—	—	—	—	—	—	—
Fresh Water Consumption		—	—	—	—	—	—	—	—	—	—	—	—	—
Remarks :		<div> <div>  </div> <div> N. S. R. Srinivas </div> </div>												
Operator		<div> <div>  </div> <div> N. S. R. Srinivas </div> </div>												
Plant Incharge		<div> <div>  </div> <div> N. S. R. Srinivas </div> </div>												

Common Effluent Treatment Plant

Date: 02/02/20

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Annexure – 9

DETAILS OF CETP MEMBER UNITS (DISCHARGING INDUSTRIAL EFFLUENT)

M/s. Ahlstrom Fiber Composites India Pvt. Ltd.

Sr. No.	Month	Product	Production in MT	Water Consumption, KL	Wastewater Generation, KL
1	Oct'19	Medical gown & Textile and Hygiene textile	718.06	992	450
2	Nov'19		674.53	1357	180
3	Dec'19		734.37	1669	135
4	Jan'20		747.1	1615	45
5	Feb'20		834.7	2267	120
6	Mar'20		714.2	2332	105

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 : CEE-72166,26/07/2020

5. CCA No. & Date of Expiry : H-94333, 14/04/2021

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=514208,Kilo Litre=9829

Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable : 7740 / 454 / 1635 / 0

9. Electricity consumed in PRODUCTION : 1193744 **ETP/CETP :** 43550 **APCM :** 9426

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

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

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),salt of ammonium chloride (by-product),Sodium bi-sulphide solution (By-product),tetra iso-propyl titanate(tpt),tpt based titanates,Wax (IM 3027), by-product

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): Land Filling Waste to TSDF=27.160,Co-Incineration Waste to other Industry=49.150,Trucks despatched=33

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	449.200-M.T	
FUE	FUR	fo	64.252-M.T	
FUE	LDO	ldo	2.583-KLT	
GAS		HCL	0.090-KGS	
GAS		NH3	18.480-KGS	
GAS		NOX	1028.270-KGS	
GAS		PM	824.910-KGS	
GAS		SO2	1817.740-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	600.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	3595.000-M.T	
PRD	81426	salt of ammonium chloride (by-product)	408.000-M.T	
PRD	257017	sodium bi-sulphide solution (by-product)	23.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	360.000-M.T	
PRD	81422	tpt based titanates	627.000-M.T	
PRD	256930	wax (im 3027), by-product	48.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
956409-31/10/2019	GJ01BV2811-31/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.405 MTS (33.1)
955508-26/10/2019	GJ01BV2811-26/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.930 MTS (33.1)
955110-25/10/2019	GJ01DZ3613-25/10/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.250 MTS (33.1)
955000-25/10/2019	GJ01BV2083-25/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.865 MTS (33.1)
954937-25/10/2019	GJ12AW0109-25/10/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 7.900 MTS (35.3)
954096-23/10/2019	GJ10Z6659-23/10/2019	IND:Shayam Enterprises, Ankleshwar	MIXED SOLVENT 13.967 MTS (20.1)
953937-23/10/2019	GJ10W6754-23/10/2019	IND:Shayam Enterprises, Ankleshwar	MIXED SOLVENT 13.460 MTS (20.1)
953746-23/10/2019	GJ01BV2811-23/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.520 MTS (33.1)
953678-23/10/2019	GJ01BV2083-23/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.925 MTS (33.1)

953451-23/10/2019	GJ12AT7901-23/10/2019	IND:Shayam Enterprises, Ankleshwar	MIXED SOLVENT 15.576 MTS (20.1)
953354-22/10/2019	GJ12X0213-22/10/2019	IND:Shayam Enterprises, Ankleshwar	MIXED SOLVENT 14.836 MTS (20.1)
953089-22/10/2019	GJ12AT6162-22/10/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 14.674 MTS (20.1)
952941-22/10/2019	GJ12AZ8321-22/10/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 19.970 MTS (20.1)
952691-21/10/2019	GJ01DZ7235-21/10/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.570 MTS (33.1)
952635-21/10/2019	GJ01DZ7003-21/10/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.050 MTS (33.1)
952617-21/10/2019	GJ01DZ3828-21/10/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.175 MTS (33.1)
952463-21/10/2019	GJ12BT0152-21/10/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation Residue-36.4 9.380 MTS (36.1)
952437-21/10/2019	GJ08U3438-21/10/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 10.825 MTS (28.1)
952413-21/10/2019	GJ01BV1576-21/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.740 MTS (33.1)
952241-21/10/2019	GJ01DZ3613-21/10/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.695 MTS (33.1)
951322-19/10/2019	GJ01BY5021-19/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.360 MTS (33.1)
951382-19/10/2019	GJ12AT9415-19/10/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment(Evaporation Residue-34.3) 9.450 MTS (35.3)
950843-18/10/2019	GJ12AU7375-18/10/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MISED SOLVENT 14.128 MTS (20.1)
950480-18/10/2019	GJ01BV1576-18/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.965 MTS (33.1)
950019-17/10/2019	GJ12AW0685-17/10/2019	IND:JAY AMBE CORPORATION,NANDESARI	MIXED SOLVENT 20.000 MTS (20.1)
949483-16/10/2019	GJ01BY5021-16/10/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.795 MTS (33.1)
947278-12/10/2019	GJ15YY2041-12/10/2019	IND:GULSHAN BARREL & CONTAINERS	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.000 MTS (33.1)
947235-12/10/2019	GJ15AT3616-12/10/2019	IND:GULSHAN BARREL & CONTAINERS	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.370 MTS (33.1)
945551-09/10/2019	GJ08U3438-09/10/2019	IND:J.K. Lakshmi Cement Ltd. Sirohi (Rajasthan)	Process Residue and wastes 11.180 MTS (28.1)

944891-07/10/2019	GJ01DY2517-07/10/2019	IND:GULSHAN BARREL & CONTAINERS	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.585 MTS (33.1)
944886-07/10/2019	GJ01DZ7027-07/10/2019	IND:GULSHAN BARREL & CONTAINERS	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.935 MTS (33.1)
943721-04/10/2019	GJ12AT9419-04/10/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment-34.3 9.810 MTS (35.3)
943363-03/10/2019	GJ19X7523-03/10/2019	IND:GREEN GENE ENVIRO PROTECTION AND INFRACTURE P	Distillation residue-36.4 17.765 MTS (36.1)

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 : CEE-72166,26/07/2020

5. CCA No. & Date of Expiry : H-94333, 14/04/2021

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=523898,Kilo Litre=9690

Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable : 7514 / 439 / 1737 / 0

9. Electricity consumed in PRODUCTION : 1083944 **ETP/CETP :** 43470 **APCM :** 9426

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

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

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),salt of ammonium chloride (by-product),tetra iso-propyl titanate(tpt),tpt based titanates,Wax (IM 3027), by-product

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): Land Filling Waste to TSDF=25.330,Co-Incineration Waste to other Industry=84.325,Trucks despatched=40

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	418.900-M.T	
FUE	FUR	fo	64.019-M.T	
FUE	LDO	ldo	2.389-KLT	
GAS		HCL	0.120-KGS	
GAS		NH3	22.330-KGS	
GAS		NOX	994.220-KGS	
GAS		PM	780.050-KGS	
GAS		SO2	1751.570-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	831.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1666.000-M.T	
PRD	81426	salt of ammonium chloride (by-product)	321.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	830.000-M.T	
PRD	81422	tpt based titanates	828.000-M.T	
PRD	256930	wax (im 3027), by-product	60.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
973751-30/11/2019	GJ01BV1576-30/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.865 MTS (33.1)
973323-29/11/2019	GJ01DZ7054-29/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.672 MTS (33.1)
973278-29/11/2019	GJ01DZ7097-29/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.915 MTS (33.1)
973274-29/11/2019	GJ01BV2814-29/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.170 MTS (33.1)
972670-28/11/2019	GJ12BT0251-28/11/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 2.905 MTS (35.3)
972650-28/11/2019	GJ12AW1230-28/11/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 19.880 MTS (20.1)
970752-26/11/2019	GJ12Y7246-26/11/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 12.125 MTS (28.1)
970096-25/11/2019	GJ10W5074-25/11/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 15.570 MTS (20.1)
970093-25/11/2019	GJ12X0299-25/11/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 14.708 MTS (20.1)
970082-25/11/2019	GJ25T9828-25/11/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 15.385 MTS (20.1)

969156-23/11/2019	GJ12AT9420-23/11/2019	Detox India Pvt. Ltd.	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.005 MTS (35.3)
969154-23/11/2019	GJ15YY9456-23/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.000 MTS (33.1)
969117-23/11/2019	GJ10X6491-23/11/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 12.538 MTS (20.1)
969077-23/11/2019	GJ12BW0110-23/11/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 7.640 MTS (35.3)
969003-23/11/2019	GJ10X7549-23/11/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 13.351 MTS (20.1)
968404-22/11/2019	GJ12Z2727-22/11/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 14.921 MTS (20.1)
968336-22/11/2019	GJ12AT5032-22/11/2019	IND:GEETA CHEMICAL ,ANKELSHWAR	MIXED SOLVENT 14.576 MTS (20.1)
968292-22/11/2019	GJ12AT6586-22/11/2019	IND:GEETA CHEMICAL ,ANKELSHWAR	MIXED SOLVENT 14.576 MTS (33.1)
966875-20/11/2019	GJ01BV2811-20/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.803 MTS (33.1)
966866-20/11/2019	GJ01DZ3828-20/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.440 MTS (33.1)
966762-20/11/2019	GJ15AT2684-20/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.540 MTS (33.1)
966468-20/11/2019	GJ01BV1576-20/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.920 MTS (33.1)
966168-19/11/2019	GJ12AW0999-19/11/2019	IND:KARAM PETROLEUM P. LTD	Used Oil CAT. NO.-5.1 9.000 MTS (5.1)
966111-19/11/2019	GJ12AZ8125-19/11/2019	IND:KARAM PETROLEUM P. LTD	Used Oil - CAT.NO.-5.1 10.000 MTS (5.1)
965411-18/11/2019	GJ19X7523-18/11/2019	IND:GREEN GENE ENVIRO PROTECTION AND INFRASTRUCTUR	Process Residue and wastes 18.160 MTS (28.1)
965398-18/11/2019	GJ12AU9043-18/11/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 14.330 MTS (20.1)
965235-18/11/2019	GJ01DZ7027-18/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.115 MTS (33.1)
965124-18/11/2019	GJ01BV2811-18/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /waste 4.770 MTS (33.1)
965075-18/11/2019	GJ01DZ7378-18/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /waste 2.035 MTS (33.1)
964169-16/11/2019	GJ12AW0110-16/11/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment - 34.3 10.780 MTS (35.3)

964076-16/11/2019	GJ01BV1576-16/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.560 MTS (33.1)
963694-15/11/2019	GJ15AT2684-15/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.000 MTS (33.1)
963693-15/11/2019	GJ01DZ7003-15/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABADa	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.010 MTS (33.1)
961763-12/11/2019	GJ09AU9027-12/11/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 10.590 MTS (28.1)
960704-11/11/2019	GJ06AV5244-11/11/2019	IND:GREEN GENE ENVIRO PROTECTION AND INFRASTRUCTUR	SPENT CATALYST Cat. No-35.2 24.125 MTS (35.2)
959318-07/11/2019	GJ09AU9027-07/11/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 11.070 MTS (28.1)
959128-07/11/2019	GJ01HT9495-07/11/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 8.255 MTS (28.1)
958685-06/11/2019	GJ01BV1576-06/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.855 MTS (33.1)
958562-05/11/2019	GJ01DY7364-05/11/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.600 MTS (33.1)
957113-02/11/2019	GJ04X7245-02/11/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.030 MTS (33.1)

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 : CEE-72166,26/07/2020

5. CCA No. & Date of Expiry : H-94333, 14/04/2021

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=534055,Kilo Litre=10157

Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable : 7643 / 455 / 2059 / 0

9. Electricity consumed in PRODUCTION : 1085584 **ETP/CETP :** 43630 **APCM :** 9426

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

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

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),salt of ammonium chloride (by-product),tetra iso-propyl titanate(tpt),tpt based titanates

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): Land Filling Waste to TSDF=19.625,INC. Waste for Incineration=58.720,Co-Incineration Waste to other Industry=91.555,Trucks despatched=35

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	497.600-M.T	
FUE	FUR	fo	74.833-M.T	
FUE	LDO	ldo	2.730-KLT	
GAS		HCL	0.140-KGS	
GAS		NH3	19.780-KGS	
GAS		NOX	1103.280-KGS	
GAS		PM	948.570-KGS	
GAS		SO2	1987.460-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	829.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1663.000-M.T	
PRD	81426	salt of ammonium chloride (by-product)	356.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	828.000-M.T	
PRD	81422	tpt based titanates	830.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
997969-31/12/2019	GJ12AW0109-31/12/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	DISTILLATION RESIDUE -36.4 9.745 MTS (36.1)
996766-30/12/2019	GJ01HT2342-30/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.505 MTS (33.1)
996750-30/12/2019	GJ10X6491-30/12/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIX SOLVENT 14.979 MTS (20.1)
996587-30/12/2019	GJ12AU9419-30/12/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	process residue &waste 23.915 MTS (28.1)
996703-30/12/2019	GJ10X7549-30/12/2019	IND:GEETA CHEMICAL, ANKELSHWAR	MIX SOLVENT 15.523 MTS (20.1)
995983-28/12/2019	GJ01BV2811-28/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.215 MTS (33.1)
993876-26/12/2019	GJ12AW0110-26/12/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation residue-36.4 9.915 MTS (36.1)
991672-23/12/2019	GJ12Z9946-23/12/2019	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	process residue and waste 21.755 MTS (28.1)
991598-23/12/2019	GJ01DZ7097-23/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.000 MTS (33.1)
991450-23/12/2019	GJ01DZ7003-23/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	empty barrels/ containers/liners contaminated with hazardous chemicals /wastes 3.180 MTS (33.1)

991316-23/12/2019	GJ18AZ4251-23/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 5.040 MTS (33.1)
991281-23/12/2019	GJ12AW0109-23/12/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation Residue-36.4 9.980 MTS (36.1)
990189-21/12/2019	GJ12AT9419-21/12/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 9.625 MTS (35.3)
990085-21/12/2019	GJ12Z9929-21/12/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	Mixed solvent 14.174 MTS (20.1)
989327-20/12/2019	GJ12AW5442-20/12/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIX SOLVENT 15.171 MTS (20.1)
988999-20/12/2019	GJ12Z4126-20/12/2019	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 20.000 MTS (20.1)
990023-21/12/2019	GJ18AZ4251-20/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	empty barrels/containers/liner contaminated with hazardous chemicals/wastes 4.580 MTS (33.1)
988035-19/12/2019	GJ01DZ7003-19/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.170 MTS (33.1)
988023-19/12/2019	GJ01DZ7010-19/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /waste 4.215 MTS (33.1)
986400-17/12/2019	GJ06BT8915-17/12/2019	IND:GREEN GENE ENVIRO PROTECTION AND INFRASTRUCTUR	SPENT CATALYST-35.2 28.770 MTS (35.2)
985653-16/12/2019	GJ12AT9419-16/12/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation residue 10.000 MTS (36.1)
984690-14/12/2019	GJ03AT4995-14/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.600 MTS (33.1)
984587-14/12/2019	GJ01BV2811-14/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.300 MTS (33.1)
983126-12/12/2019	GJ12BT0251-12/12/2019	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 10.000 MTS (35.3)
983000-12/12/2019	GJ07VW7556-12/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.035 MTS (33.1)
982454-11/12/2019	GJ19X1178-11/12/2019	IND:GREEN GENE ENVIRO PROTECTION AND INFRASTRUCTUR	Process Residue and wastes 17.115 MTS (28.1)
981544-10/12/2019	GJ01DZ7010-10/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.160 MTS (33.1)
981539-10/12/2019	GJ01DZ3828-10/12/2019	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.000 MTS (33.1)
981445-10/12/2019	GJ12BT5210-10/12/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation residue-36.4 9.400 MTS (36.1)
980421-09/12/2019	GJ01BV1576-09/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.270 MTS (33.1)

979353-07/12/2019	GJ18AZ4251-07/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.375 MTS (33.1)
978974-07/12/2019	GJ12AT6139-07/12/2019	IND:JAY AMBE CORPORATION,NANDESARI	MIXED SOLVENT 19.940 MTS (20.1)
977606-05/12/2019	GJ12BT0152-05/12/2019	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	distilation residue 9.680 MTS (36.1)
976494-04/12/2019	GJ01BV1576-04/12/2019	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.525 MTS (33.1)
976020-03/12/2019	GJ18AZ4251-03/12/2019	IND:Hindustan enviroment	Empty barrels 2.390 MTS (33.1)

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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 : CEE-72166,26/07/2020

5. CCA No. & Date of Expiry : H-94333, 14/04/2021

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=543421,Kilo Litre=9366

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 6685 / 430 / 2251 / 0

9. Electricity consumed in PRODUCTION : 1173754 **ETP/CETP :** 47580 **APCM :** 9426

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

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

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),salt of ammonium chloride (by-product),tetra iso-propyl titanate(tpt),tpt based titanates,Wax (IM 3027), by-product

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): Land Filling Waste to TSDF=48.685,INC. Waste for Incineration=28.755,Co-Incineration Waste to other Industry=92.225,Trucks despatched=36

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	473.100-M.T	
FUE	FUR	fo	85.770-M.T	
FUE	LDO	ldo	2.832-KLT	
GAS		HCL	0.170-KGS	
GAS		NH3	16.080-KGS	
GAS		NOX	1240.740-KGS	
GAS		PM	1089.170-KGS	
GAS		SO2	2252.450-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	828.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1665.000-M.T	
PRD	81426	salt of ammonium chloride (by-product)	392.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	825.000-M.T	
PRD	81422	tpt based titanates	827.000-M.T	
PRD	256930	wax (im 3027), by-product	68.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
1021593-31/01/2020	GJ01DZ7109-31/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.620 MTS (33.1)
1021568-31/01/2020	GJ01DZ7235-31/01/2020	IND:Gulshan Barrel and Containers, Ahmadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.495 MTS (33.1)
1021055-31/01/2020	GJ12Z9795-31/01/2020	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 20.000 MTS (20.1)
1020767-30/01/2020	GJ18AU9785-30/01/2020	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 20.800 MTS (28.1)
1020699-30/01/2020	GJ12BT0251-30/01/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 8.290 MTS (35.3)
1020543-30/01/2020	GJ12Z9946-30/01/2020	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 25.000 MTS (28.1)
1018974-28/01/2020	GJ15AT2684-28/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.456 MTS (33.1)
1018956-28/01/2020	GJ01DY2517-28/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.456 MTS (33.1)
1018926-28/01/2020	GJ01DZ3613-28/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.750 MTS (33.1)
1018776-28/01/2020	GJ12AW0107-28/01/2020	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation residue-36.4 9.040 MTS (36.1)

1018103-27/01/2020	GJ12X1522-27/01/2020	IND:JAY AMBE CORPORATION,NANDESARI	MIXED SOLVENT 15.251 MTS (20.1)
1017653-27/01/2020	GJ12Z4126-27/01/2020	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 19.915 MTS (20.1)
1016711-25/01/2020	GJ12AT8286-25/01/2020	IND:SHREE MAHAKALI TRADERS Ankleshwar	MIXED SOLVENT 15.660 MTS (20.1)
1016691-25/01/2020	GJ12AT9415-25/01/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 11.875 MTS (35.3)
1015922-24/01/2020	GJ12AW0108-24/01/2020	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation Residue-36.4 9.770 MTS (36.1)
1015840-24/01/2020	GJ01BV2811-24/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.265 MTS (33.1)
1015792-24/01/2020	GJ01DZ7010-24/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.170 MTS (33.1)
1014325-22/01/2020	DN09U9179-22/01/2020	IND:GREEN GENE ENVIRO PROTECTION AND INFRASTRUCTUR	Distillation Residue-36.4 16.670 MTS (36.1)
1014177-22/01/2020	GJ01DX8840-22/01/2020	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 10.020 MTS (28.1)
1011709-19/01/2020	GJ01BV2811-19/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.735 MTS (33.1)
1011376-18/01/2020	GJ04X7245-18/01/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.090 MTS (33.1)
1011313-18/01/2020	GJ12BT0152-18/01/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 8.620 MTS (35.3)
1011167-18/01/2020	GJ01DY7364-18/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.415 MTS (33.1)
1009418-16/01/2020	GJ12AW0109-16/01/2020	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	Distillation Residue-36.4 9.945 MTS (36.1)
1009027-16/01/2020	GJ01DZ7027-16/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.220 MTS (33.1)
1008912-15/01/2020	GJ01DZ9922-15/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.790 MTS (33.1)
1008880-15/01/2020	GJ12DY2623-15/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.740 MTS (33.1)
1007951-13/01/2020	GJ01BV2811-13/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.325 MTS (33.1)
1006881-11/01/2020	GJ12BV0818-11/01/2020	IND:SHREE MAHAKALI TRADERS Ankleshwar	mixed solvent 19.800 MTS (28.1)
1006775-11/01/2020	GJ12AT9419-11/01/2020	Bhachau-Saurashtra Enviro Projects Pvt. Ltd [28203]	chemical sludge from waste water treatments 3.445 MTS (35.3)

1006277- 11/01/2020	GJ01DZ7367- 11/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	empty barrels/containers/liners contaminated with hazardous chemicals/ waste 3.795 MTS (33.1)
1005878- 10/01/2020	GJ01BV1576- 10/01/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.050 MTS (33.1)
1003035- 07/01/2020	GJ01DZ7203- 07/01/2020	IND:GULSHAN BARREL& CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.900 MTS (33.1)
1002642- 06/01/2020	GJ12AT9415- 06/01/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 9.910 MTS (35.3)
1000668- 03/01/2020	GJ18AZ4251- 03/01/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.385 MTS (33.1)
1000053- 03/01/2020	GJ12Y6427- 03/01/2020	IND:J.K. Lakshmi Cement Ltd,Sirohi,Rajasthan	Process Residue and wastes 19.735 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 : CEE-72166,26/07/2020

5. CCA No. & Date of Expiry : H-94333, 14/04/2021

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=552712,Kilo Litre=9291

Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable : 6627 / 418 / 2246 / 0

9. Electricity consumed in PRODUCTION : 1110734 **ETP/CETP :** 44320 **APCM :** 9426

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

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

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),salt of ammonium chloride (by-product),Sodium bi-sulphide solution (By-product),tetra iso-propyl titanate(tpt),tpt based titanates,Wax (IM 3027), by-product

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): Land Filling Waste to TSDF=27.135,Co-Incineration Waste to other Industry=15.855,Trucks despatched=35

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	413.400-M.T	
FUE	FUR	fo	59.805-M.T	
FUE	LDO	ldo	2.340-KLT	
GAS		HCL	0.080-KGS	
GAS		NH3	16.110-KGS	
GAS		NOX	793.300-KGS	
GAS		PM	728.390-KGS	
GAS		SO2	1445.720-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	601.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1660.000-M.T	
PRD	81426	salt of ammonium chloride (by-product)	452.000-M.T	
PRD	257017	sodium bi-sulphide solution (by-product)	12.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	760.000-M.T	
PRD	81422	tpt based titanates	788.000-M.T	
PRD	256930	wax (im 3027), by-product	15.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
1039973-25/02/2020	GJ01DZ3828-25/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.720 MTS (33.1)
1038764-25/02/2020	GJ01DZ7412-24/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.760 MTS (33.1)
1038763-24/02/2020	GJ01BV1576-24/02/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LT	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.935 MTS (33.1)
1037966-22/02/2020	GJ01FT4610-22/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.170 MTS (33.1)
1037913-22/02/2020	GJ01DZ3613-22/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.275 MTS (33.1)
1036529-20/02/2020	GJ12AW0108-20/02/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 6.600 MTS (35.3)
1036413-20/02/2020	GJ03AT3216-20/02/2020	IND:Shree Mahakali Traders,Ankeleswar	MIXED SOLVENT 14.534 MTS (20.1)
1035777-19/02/2020	GJ12AU5442-19/02/2020	IND:JAY AMBE CORPORATION, NANDESARI	MIX SOLVENT 14.871 MTS (20.1)
1035764-19/02/2020	GJ12AU7521-19/02/2020	IND:JAY AMBE CORPORATION, NANDESARI	MIX SOLVENT 16.030 MTS (20.1)

1035471-19/02/2020	GJ01DZ9911-19/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.850 MTS (33.1)
1035360-19/02/2020	GJ04X7245-19/02/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LT	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.070 MTS (33.1)
1034835-18/02/2020	GJ01DZ3613-18/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.750 MTS (35.2)
1034806-18/02/2020	GJ01DZ7235-18/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.505 MTS (33.1)
1034210-17/02/2020	MH04EL6305-17/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.495 MTS (33.1)
1033998-17/02/2020	DN09R9310-17/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.895 MTS (33.1)
1033351-17/02/2020	GJ18AU9785-17/02/2020	IND:J.K LAKSHMI CEMENT LTD , SIROHI,RAJASTHAN	Process Residue and waste 15.855 MTS (28.1)
1032064-14/02/2020	GJ12AZ5012-14/02/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 10.565 MTS (35.3)
1032042-14/02/2020	DN09R9316-14/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.955 MTS (33.1)
1031823-14/02/2020	DN09P9879-14/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.845 MTS (33.1)
1031679-14/02/2020	GJ4X7245-14/02/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LT	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.820 MTS (33.1)
1030408-12/02/2020	GJ01DZ7027-12/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.590 MTS (33.1)
1030121-12/02/2020	GJ01BV1576-12/02/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LT	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.940 MTS (33.1)
1028999-11/02/2020	GJ01BV2811-11/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.745 MTS (33.1)
1028550-10/02/2020	GJ01DZ7412-10/02/2020	IND:Gulshan Barrels& Containers Ahemadabad	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.705 MTS (33.1)
1028538-10/02/2020	GJ12AW0110-10/02/2020	Detox India Pvt. Ltd.	Chemical sludge from waste water treatment 9.970 MTS (35.3)
1026624-07/02/2020	GJ01DZ3613-07/02/2020	IND:GULSHAN BARREL & CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.540 MTS (33.1)
1026348-07/02/2020	GJ01DZ7109-07/02/2020	IND:GULSHAN BARREL & CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 1.945 MTS (33.1)
1025810-06/02/2020	GJ04X7245-06/02/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 2.060 MTS (33.1)
1025693-06/02/2020	GJ12Y6776-06/02/2020	IND:GEETA CHEMICAL, ANKELSHWAR	MIX SOLVENT 15.873 MTS (20.1)

1025348-05/02/2020	GJ12AT9724-05/02/2020	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 15.844 MTS (20.1)
1025184-05/02/2020	GJ12AT5032-05/02/2020	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 15.480 MTS (20.1)
1024797-05/02/2020	GJ12AU6525-05/02/2020	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 15.669 MTS (20.1)
1024492-04/02/2020	GJ12Z2727-04/02/2020	IND:GEETA CHEMICAL, ANKELSHWAR	MIXED SOLVENT 14.698 MTS (20.1)
1024367-04/02/2020	GJ01DY7364-04/02/2020	IND:GULSHAN BARREL&CONTAINERS,AHMEDABAD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 4.265 MTS (33.1)
1023342-03/02/2020	GJ04X7245-03/02/2020	IND:HINDUSTAN ENVIRON LIFE PROTECTION SERVICES LTD	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes 3.775 MTS (33.1)

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 : CEE-72166,26/07/2020

5. CCA No. & Date of Expiry : H-94333, 14/04/2021

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=560475,Kilo Litre=7763

Water Cess Cooling Boiler/Dom/BIO Degradable/Non BIO Degradable : 5724 / 399 / 1640 / 0

9. Electricity consumed in PRODUCTION : 992524 **ETP/CETP :** 35570 **APCM :** 9426

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

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

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),salt of ammonium chloride (by-product),tetra iso-propyl titanate(tpt),tpt based titanates,Wax (IM 3027), by-product

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): Land Filling Waste to TSDF=33.780,Co-Incineration Waste to other Industry=109.445,Trucks despatched=35

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	337.400-M.T	
FUE	FUR	fo	57.634-M.T	
FUE	LDO	ldo	2.195-KLT	
GAS		HCL	0.070-KGS	
GAS		NH3	15.530-KGS	
GAS		NOX	560.760-KGS	
GAS		PM	493.320-KGS	
GAS		SO2	1047.050-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	100.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2344.000-M.T	
PRD	81426	salt of ammonium chloride (by-product)	306.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	331.000-M.T	
PRD	81422	tpt based titanates	447.000-M.T	
PRD	256930	wax (im 3027), by-product	24.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
1056784-21/03/2020	DN09R9230-21/03/2020		vehicles goes as per national government regulations. 3.880 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1055660-20/03/2020	GJ12AU9043-20/03/2020		vehicle will be as per national government regulations. 14.628 MTS (20.2)
1056407-20/03/2020	GJ12AT6139-20/03/2020		vehicle will be as per national government regulations. 19.820 MTS (20.2)
1056363-20/03/2020	GJ12BW9362-20/03/2020		vehicle wil go as per national government regulations. 19.700 MTS (20.2)
1056277-20/03/2020	GJ01BV2811-20/03/2020		vehicle goes as per national government regulations. 3.420 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1056304-20/03/2020	GJ27TT1496-20/03/2020		Vehicle will go as per national government regulations. 2.050 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1055078-19/03/2020	GJ15AY0084-19/03/2020		vehicle will go as per national government regulations. 23.430 MTS (28.1)
1054824-18/03/2020	GJ12X2423-18/03/2020		vehicle will be as per national government regulations. 14.996 MTS (20.2)
1054820-18/03/2020	GJ12X2423-18/03/2020		vehicle will be as per national government regulations. 14.996 MTS (20.1)
1054785-18/03/2020	DN09R9961-18/03/2020		vehicle will go as per national government regulations. 3.840 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

1054607-18/03/2020	GJ19V0034-18/03/2020		vehicle will go as per national government regulations. 15.680 MTS (28.1)
1054553-18/03/2020	DN09R9160-18/03/2020		vehicle will go as per national government regulations. 3.900 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1053782-17/03/2020	GJ01DZ9944-17/03/2020		Vehicle will go as per national government regulations. 3.570 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1053661-17/03/2020	GJ12AW0111-17/03/2020		Vehicle will go as per national government regulations. 11.680 MTS (35.3)
1052628-16/03/2020	GJ27TT1496-16/03/2020		vehicle send as per national government regulations. 4.045 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1052475-16/03/2020	GJ15YY6316-16/03/2020		Vehicle will go as per national government regulations. 23.960 MTS (28.1)
1051842-14/03/2020	MH04EL6304-14/03/2020		vehicle will go as per national government regulations 2.115 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1050949-13/03/2020	GJ12AW0109-13/03/2020		Vehicle will go as per national government regulations. 10.030 MTS (35.3)
1050824-13/03/2020	DN09P9868-13/03/2020		Vehicle will go as per national government regulations. 3.585 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1050044-12/03/2020	GJ12AT6139-12/03/2020		vehicle will go as per national government regulations 19.950 MTS (20.2)
1048637-09/03/2020	GJ01BV1576-09/03/2020		Vehicle will go as per national government regulations. 3.665 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1048379-09/03/2020	GJ15YY6316-09/03/2020		vehicle send as per national government regulations. 24.350 MTS (28.1)
1047704-07/03/2020	DN09R9310-07/03/2020		vehicle sent to as per national government regulations 2.470 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1047655-07/03/2020	GJ04X7245-07/03/2020		Vehicle will go as per national government regulations. 2.005 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1047593-07/03/2020	GJ01BV2811-07/03/2020		Vehicle will go as per national government regulations. 3.325 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1047517-07/03/2020	DN09R9791-07/03/2020		vehicle will go as per national government regulations. 3.560 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1047023-06/03/2020	GJ13W3311-06/03/2020		vehicle send as per national government regulations. 14.901 MTS (20.1)
1046417-05/03/2020	GJ12Z4126-05/03/2020		Vehicle send as per national government regulations. 19.715 MTS (20.1)
1046257-05/03/2020	GJ10W6349-05/03/2020		vehicle send as per national government regulations. 14.652 MTS (20.1)
1046057-05/03/2020	GJ12AT5634-05/03/2020		vehicle send as per national government regulations. 14.756 MTS (20.1)

1045790-05/03/2020	GJ01BT8456-05/03/2020		Vehicle will go as per national government regulations. 15.516 MTS (20.1)
1045435-04/03/2020	GJ12AT5032-04/03/2020		vehicle send as per national government regulations. 15.306 MTS (20.1)
1045393-04/03/2020	GJ12BT0251-04/03/2020		vehicle send to as per national government regulations. 11.460 MTS (35.3)
1045141-04/03/2020	GJ12AT5812-04/03/2020		Vehicle sent with national government regulations 14.826 MTS (20.1)
1044423-03/03/2020	GJ01BV2811-03/03/2020		Vehicle will go as per national government regulations. 3.220 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
1043494-02/03/2020	GJ15YY6316-02/03/2020		vehicle send with national government regulation 22.180 MTS (28.1)

Annexure–10



Provisional Consent Order (CCA)

Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A,
Gandhinagar - 382010
Tele : 23222756

Consent No. WH-107851 Valid upto: 07/04/2021

Application : CtO:CCA-Ammendment, No. 170857 Dt. 15/01/2020, Granted On: 17/04/2020

PCB Id:10605

Besides streamlining and simplifying of regulatory regime, Gujarat Pollution Control Board has taken initiative in from of introduction of Consolidated Consent and Authorization (CC&A) which provides for a one shot application and clearance of the consents under Water Act, Air Act and Authorization under Hazardous Wastes Rules for a period of 5 years. Board issues consolidated consent and Authorization to an industrial unit for operation of plant/carrying out industrial activity specifying following conditions.

Consolidated Consent and Authorisation

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules'2008 framed under the E(P) Act-1986.

And whereas Board has received consolidated Application No.(CtO:CCA-Ammendment) 170857 and Dated 15/01/2020 for the consolidated consent and authorization(CC&A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION : (under the provisions / rules of the aforesaid environmental acts)

To,

M/s. Mpsez Utilities Pvt. Ltd.(Mupl).

SURVEY NO. 141 (PART), SURVEY NO. 141 (PART), VILL MUNDRA,

SURVEY NO. 141 (PART), VILL MUNDRA, City : MUNDRA,

Dist : Kutch East, Tal : Mundra, SIDC : Not In Gide

Phone : 9687678443

1. Consent Order No: WH-107851 Valid Upto: 07/04/2021

2. All Conditions under the WATER ACT-1974 HAZARDOUS ACT-2008 shall be Applicable to you as mentioned in the detailed Consent Order

Consented CETP: Not Linked to any CETP

Consented TSDF: Bhachau-Saurashtra Enviro Projects Pvt. Ltd[28203]

3. GENERAL CONDITIONS :-

- This order is provisional order and detailed order is considered as final.
- All the conditions & provisions under the Water Act 1974, the Air Act 1981 and the Environment (Protection) Act – 1986 and the rules made there under shall be complied with *.
- All the conditions & provisions under the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2008 as amended shall be complied
- The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(A) during day time and 70dB(A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
- In case of change of ownership/management the name and address of the new owners/ partners/ directors/ proprietor or equipment or working conditions as mentioned in the consents form / order should immediately be intimated to the Board.
- Industry shall have to display data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within the factory premises.
- The CCA shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- Any unauthorized change in personnel, equipment or working conditions as mentioned in the CCA order by CCA holder shall constitute a breach of this CCA.
- Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 5 meters width is developed.
- The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.

***** Note : ACT-Specific, Industry-specific, Area-specific Conditions alongwith Product, Waste water effluent details shall be precisely mentioned in the DETAILED Consent Order.**

***** Note :This is only provisional communication. The final Consent/Authorization in hard copy with duly signed by competent authority shall the final and valid Consent/Authorization.**

For and on behalf of
Gujarat Pollution Control Board

(Member Secretary)

Annexure–1 1

Details of Greenbelt Development at APSEZ, Mundra

LOCATION	Total Green Zone Detail Till Up to March - 20 20				
	Area (In Ha.)	Trees (Nos.)	Palm (Nos.)	Shrubs (SQM)	Lawn (SQM)
SV COLONY	66.40	29592	7072	67187.00	92019.00
PORT & NON SEZ	81.38	146692	19220	75061.78	61982.38
SEZ	116.60	227120	20489	220583.60	28162.03
MITAP	2.48	8168	33	3340.00	4036.00
WEST PORT	94.35	206772	63331	24112.00	22854.15
AGRI PARK	8.94	17244	1332	5400.00	2121.44
SOUTH PORT	14.45	27530	3470	3882.00	3327.26
Samudra Township	56.03	53922	11834	20908.89	47520.07
Productive Farming (Vadala Farm)	23.79	27976	--	--	--
TOTAL (APSEZL)	464.40	745016	126781.00	420475.27	262022.33
	Total Saplings	871797			

Annexure–12

AXIS BANK LTD,
ADANI PORT, MUNDRA-370421.
GUJ/SOS/AUTH/AV/101/2006

भारत 65285 SPECIAL गुजरात
178968 ADHESIVE FEB 13 2019
11:48
R.0000100/- PB5257
INDIA STAMP DUTY GUJARAT

Purchaser's Name	APSEZ
Address	100
Value	100
In Words	One Hundred
License No	GUJ/SOS/AUTH/AV/101/2006/8211

MEMORANDUM OF UNDERSTANDING

This agreement ("this agreement") is made at Mundra on 13th day of February, 2019.

BETWEEN

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for
Gram Panchayat, Mundra and having its office at Mundra (hereinafter referred to as "MGP" which expression shall, unless repugnant to the context or meaning thereof shall mean and include its successors and assigns) of the FIRST PART.

AND

Adani Ports and Special Economic Zone Limited-, a company incorporated under the provisions of the Companies Act, 1956, having its registered office at "Adani House", Near Mithakhali Six Roads, Navrangpura, Ahmedabad-380009 and port office at Adani House, Navinal Island, Mundra, Kutch - 370421(hereinafter referred to as "APSEZL", which expression shall, unless repugnant to the context or meaning thereof shall mean and include its successors and assigns) of the SECOND PART.

Hereinafter, both the MGP and the APSEZL may also be individually referred to as 'Party' and together as 'Parties'.

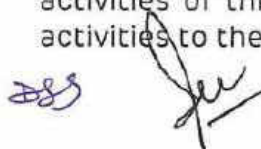
WHEREAS:

- a) MGP ('the **sewage generator**') approached the APSEZL for treating the sewage at its existing STP/CETP located in Mundra SEZ.
- b) The APSEZL is desirous of executing a project and has approached the MGP to endorse that the project will aid in the of Mundra region to enable APSEZL managing sewage in line with environmental sustainability.
- c) The MGP has appraised the detailed proposal submitted by the APSEZL and is satisfied that the project proposed to be executed by the MGP will, on completion, support in the management of sewage.

The APSEZL agrees to work with and coordinate with the MGP in the development of their initiatives to improve and expand support to treating the sewage.

GENERAL TERMS OF MoU

1. PERIOD of validity
This MoU shall be valid for the period of 25 (Twenty Five) years, commencing on 13th day of February, 2019 and will end on 12th day of February, 2044 and may be renewed subsequently by mutual consent of both the parties. Accordingly, parties will enter into definitive agreement(s) as the case may be.
2. SPECIFICATIONS
 - a) The Generator will ensure only domestic sewage for treatment to the Service Provider shall, under all circumstances. There shall not be any other waste water other than sewage in any case.
 - b) Subject to the availability of space with the Service Provider, the Generator agrees to send material requiring treatment on a regular basis to the Service Provider up to 2 MLD.
3. COORDINATION
In order to carry out and fulfill the aims of this MoU, each party will appoint an appropriate person(s) to represent its organization and to coordinate the implementation of activities.
4. TECHNICAL AND FINANCIAL SUPPORT
Addendums to this MoU will be developed for specific technical and financial support activities. These Addendums will provide a detailed description of the role, responsibility, and financial contribution of each party. Work plans and reporting requirements will be clearly outlined in the Addendums.
5. CONFIDENTIALITY
Each party agrees that it shall not, at any time, after executing the activities of this MoU, disclose any information in relation to these activities to the third party without consent of both parties.



6. FORCE MAJEURE

In the event of non-fulfillment of the terms and conditions of this MoU due to any reason of force majeure namely fires, wars, riots, strikes, natural calamities, etc., neither MGP nor APSEZL shall be held responsible for any loss or consequential loss.

7. TERMINATION

The MoU shall terminate upon completion of the agreed upon period. The agreement may also be terminated with a written one month notice from either side. In the event of non-compliance or breach by one of the parties of the obligations binding upon it, the other party may terminate the agreement with immediate effect.

8. AMENDMENTS

During the operation of the MoU, circumstances may arise which call for alteration or modifications of this MoU. These modifications/alterations will be mutually discussed and agreed upon in writing.

9. DISPUTE RESOLUTION

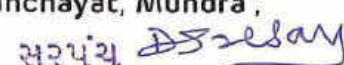
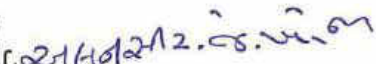

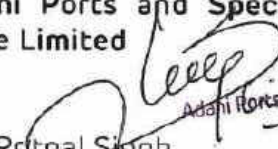
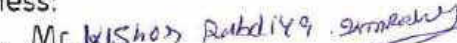

Any dispute arising with regard to any aspect of this MoU shall be settled through mutual Consultations and agreements by the parties to the MoU.

10. APPLICABLE LAW

The construction, interpretation and enforcement of this MoU shall be governed by the laws of the laws of India. The competent courts at Mundra/Bhuj shall have jurisdiction in relation to this MoU.

This MoU shall be executed in duplicate and both the counterparts shall be treated as original.

IN WITNESS WHEREOF the parties hereto acting through their properly constituted representatives have set their hands to cause this MEMORANDUM OF UNDERSTANDING signed and executed in their respective names and on their behalf.

<p>SIGNED AND DELIVERED by the Within named Sewage Generator, Gram Panchayat, Mundra ,  શ્રી મુંદરા ગ્રામ પંચાયત Mr. Dharmendra Desai (Sarpanch, Gram panchayat, Mundra)</p> <p>Witness: 1. Mr.  2. Mr. </p>	<p>SIGNED AND DELIVERED by the Within named Service Provider Adani Ports and Special Economic Zone Limited  Mr. Pritpal Singh (Authorized Signatory)</p> <p>Witness: 1. Mr.  2. Mr. </p>
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Annexure–13

TO WHOM SO EVER IT MAY CONCERN

It is to certify that **M/s. Dorf Ketel Chemicals India Pvt. Ltd.** at Plot No. 2, Block F, Sector 12N, Adani Ports & SEZ Limited, Mundra, Dist. Kutch – 370421 is the member unit of Common Effluent Treatment Plant (CETP) operated by M/s. MPSEZ Utilities Pvt. Ltd. (MUPL).

The booked capacity of M/s. Dorf Ketel Chemicals India Pvt. Ltd. for discharge of effluent to the Common Effluent Treatment Plant (CETP) is **85 KLD***.

- | | |
|--------------------------------------|--|
| 1. Total Capacity of CETP | : 2.5 MLD |
| 2. Consented Capacity of CETP | : 2.5 MLD (Consent Order No. AWH – 79311, Valid till 07.04.2021) |
| 3. Occupied Capacity of CETP | : 150 KLD (Considering this booked quantity) |
| 4. Spare Capacity of CETP | : 2.35 MLD |

M/s. Dorf Ketel Chemicals India Pvt. Ltd. should discharge their effluent to the Common Effluent Treatment Plant (CETP), which MPSEZ Utilities Pvt. Ltd. accepts at Common Effluent Treatment Plant (CETP) as per inlet norms mentioned in Consolidated Consent & Authorization (CC&A).

This membership is valid for a period of 5 Years

Date of Issue : 01.03.2020
Date of Expiration: 28.02.2025
Place of Issue : Mundra, Kutch

This is for your kind information please.

For, MPSEZ Utilities Pvt. Ltd.

(Authorized Signatory)



* This membership is issued subject to verification of member industry's CC&A and unit has to inform to the CETP in case of any augmentation or reduction in effluent discharge quantity as per their amendment application to the state pollution control board.

Inlet Parameters of CETP as per CC&A:-

Sr. No.	Parameters	Unit	Value
1.	pH	--	6.5 to 8.5
2.	Temperature	^o C	--
3.	Colour (Pt. Co. Scale)	Units	100
4.	Suspended Solids	mg/L	800
5.	Oil & Grease	mg/L	20
6.	Phenolic Compounds	mg/L	1.0
7.	Fluorides	mg/L	2.0
8.	Iron	mg/L	3.0
9.	Zinc	mg/L	15.0
10.	Trivalent Chromium	mg/L	2.0
11.	Sulphide	mg/L	2.0
12.	Ammonical Nitrogen	mg/L	50.0
13.	BOD (3 days at 27°C)	mg/L	1000
14.	COD	mg/L	2000
15.	Chlorides	mg/L	1000
16.	Sulphates	mg/L	1000
17.	Total Dissolved Solids	mg/L	2100
18.	Total Residual Chlorine	mg/L	2.0
19.	Copper	mg/L	3.0
20.	Trivalent Chromium	mg/L	3.0

**MPSEZ UTILITIES PRIVATE LIMITED
(MUPL)**

Regd. Office: Adani house, Near Mithakhali Circle, Navrangpura, Ahmadabad - 380 009, India
Tel: +91-79-25555801 Fax: +91-79-25556490 Email: utility@adani.com

Term sheet for Common Effluent Treatment Plant (CETP)

Client Name : Dorf Ketal chemicals india Pvt Ltd.
Booked Quantity : 85 KLD

1	Effective date and terms of the Agreement	<ol style="list-style-type: none"> 1. Agreement to be effective on date of its signing 2. The terms of the Agreement shall commence on the effective date & shall be for a period for 5 years or validity of CC&A submitted by the user unit and validity of CC&A of CETP, whichever expires earlier. 3. On expiry of the term, it may be extended as per the validity of CC&A of the user unit and then prevailing terms term as mutually agreed between the parties.
2	Connection charges	Payable by the user unit towards the connectivity estimate issued along with non-refundable one time charges.
3	Tariff	Rs. 130/- per KL for <u>85</u> KLD booked quantity during FY2019-20 It shall be escalated at WPI for subsequent years.(Subject to review after optimal utilization of CETP)
4	Flow meter	Unit has to provide battery operated Electromagnetic flow meter of Approved quality (E&H/Krone Marshall) at the final outlet which shall be calibrated every year by the user unit in presence of the representative of MUPL. MUPL shall inspect the installation periodically as per the requirement.
5	Storage tanks	<ol style="list-style-type: none"> 1. The User unit shall construct the two tanks for its effluent each of 12 hours storage capacity. However, User unit shall have overall storage facilities to store effluent for at least 72 hours in an impervious acid proof brick lining tanks / HDPE tanks.MUPL will check the quality of Effluent and if comply with the parameters given, will allow to discharge the Effluent into collection system. 2. There will be a locking system at out let of the tanks. MUPL will take the sample in presence of the representative of the Industry and test the same. If the quality is as per the given parameters, the effluent will be allowed to discharge into the collection system. 3. Domestic waste water shall be discharged into septic tank/soak pit system by the user unit and the overflow shall be conveyed to MUPL along with industrial effluent for its treatment

1 of 3

Xiran Shah



Rajiv Nimali Kishore



6	Minimum Guaranteed off take	100% of booked quantity with MUPL. MUPL shall not accept higher quantity of effluent than booked quantity.
7	Usage charges	1. Treatment charges Rs.130/- per KL for booked quantity of <u>85</u> KLD. 2. Sample analysis charges @Rs.250/- per sample collected by MUPL at user's end. (Analysis includes pH, COD, TDS, TSS, etc.)
8	Billing method	1. Effluent charges @ Rs.130/- per KL for <u>85</u> KLD booked quantity. 2. Sample analysis charges @ Rs. 250/- per sample will be billed along with the monthly effluent charges. 3. Taxes/government duties applicable if any on effluent charges shall be borne by the user unit.
9	Price Variation	The above rates will be applicable subject to revision from time to time as decided by MUPL.
10	Rejection of Effluent	MUPL will have the right to refuse for taking effluent into CETP in case it does not comply with the given Parameters mentioned in Annexure-I. This will be intimated to GPCB by the MUPL.
11	Supply of Effluent	The user unit shall book quantity with MUPL to supply entire effluent to the CETP.
12	Termination/Suspension of CETP Services	MUPL shall terminate/suspend CETP Services in case of any violation referring to GPCB consents and shall intimate GPCB accordingly.
13	Billing Period	A Calendar month.
14	Payment Terms	1. Liability for making payment for Effluent commences from the expiry of one month from the effective date or the date of taking effluent whichever is later 2. MUPL will raise the invoice by 5 th of the next month for Effluent taken in previous month. 3. User unit has to release payment of the entire amount of the Invoice for immediately preceding month within 10 days of the billing date. 4. In case of dispute regarding the invoice amount, User shall not be entitled to withhold the entire amount but shall make payment of 85% of the invoice amount. 5. In case when the amount is disputed by the user unit and not paid on or before the due date for payment and the same is agreed or determined to be payable by the User unit then the same shall be payable by the User unit with 18% interest from the date of invoice till the date of payment. 6. In the case when the amount on any item or part of item shown in statement is disputed by the buyer, then the same shall be adjusted in the succeeding invoice without any interest.

Nirav Shah



As Ego. Murali Krishna

2 of 3









15	Payment Security mechanism	Interest free deposits for amount equal to the billing amount of 180 days considering 100% consumption of committed quantity.
16	Late Payment Surcharge	Late payment surcharge payable@ 18% p.a on due amount from the date of invoice till the date of receipt of the invoice amount by the MUPL.
17	CETP Connectivity	MUPL shall grant CETP Connectivity upon obtaining valid CTE/CC&A of the GPCB and upon such terms and conditions as may be imposed by MUPL a part from those mentioned in the separate CETP Agreement.
18	Responsibility for infrastructure before delivery point	All the responsibility for construction, operation and maintenance of the effluent conveyance infrastructure before the delivery point will rest with the user unit.
19	Governing law and dispute resolution	1. Agreement to be governed by law of India 2. Jurisdiction of courts at Mundra. 3. Arbitration by sole Arbitrator/ panel of three Arbitrators as per the Indian Arbitration and Reconciliation act 4. Venue of Arbitration proceedings to be Ahmadabad
20	Limitation of Liability	The liabilities of both the parties shall be limited to that provided under the provisions of this agreement and no party shall be liable for consequential losses incurred by the other party.

Note: Detailed Terms and Conditions of taking effluent will be governed by separate CETP connectivity agreement to be entered between the parties.

<p>Signed for and on behalf of MPSEZ Utilities Private Limited</p> <p><i>[Signature]</i></p> <p>[Authorized Signatory]</p> 	<p>Signed for and on behalf of, [<i>Dorf Ketal Chemicals India P. Ltd.</i>]</p> <p><i>B. J. Nimali Kulkarni</i></p> <p>[Authorized Signatory]</p> 
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Annexure–14

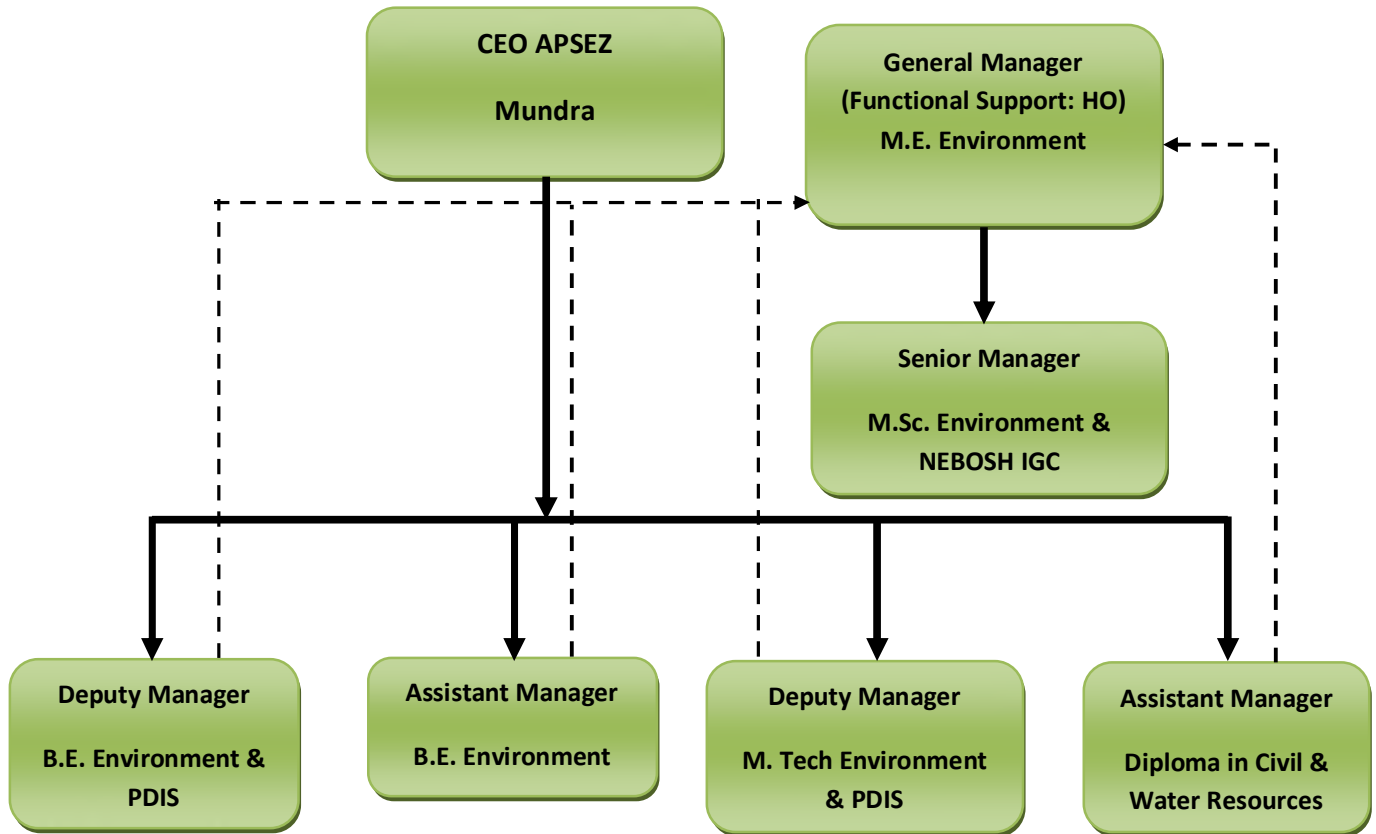
Maintenance at CETP - MPSEZ - SEZ AREA							
Sr. No.	Date	Location	Type of incident/ Activity	Brief Description	Action Taken	Remarks	Photographs
MUPL - CETP							
1	1-Oct-19	chemical dosing area	preventive maintenance	continuous daily dosing of chemicals by preventive maintenance of gearbox of agitators and motors connected with dosing pumps and metering dosing pumps.	Oiling done in metering dosing pumps, oiling and greasing in gearbox mechanism all agitators and gearbox connected for chemical dosing	working ok	
2	19-Oct-19	Neutralization Tank	preventive maintenance	V-belts found damaged	replaced new v-belts A-43 - 3 nos replaced in each blower.	blowers working ok	
3	26-Oct-19	Final Outlet	preventive maintenance	for smooth operation of MGF/ACF greasing required.	greasing done in all valves connected in lines of MGF/ACF.	working ok	
4	2-Nov-19	Primary Clarifier	scraper stopped	due to electrical fault in 1 HP motor, scraper was stopped	rewinding done of motor at workshop and motor fitting with gearbox.	working ok	
5	10-Nov-19	Aeration Tanks	preventive maintenance	V-belts found damaged	replaced new v-belts B-95 - 3 nos replaced in two blowers.	blowers working ok	
6	13-Nov-19	Air Blowers	preventive maintenance	air filters cleaning work required in all blowers connected with aeration and neutralization tank.	cleaning work done	blowers working ok	
7	5-Dec-19	Final Outlet	HDPE Line Leakage	200 mm HDPE line connected from filter feed pump house to MGF-1 leakage from joint.	HDPE Joint repairing work done.	leakage stopped.	
8	7-Dec-19	Final outlet pump house	pump no. 3 stopped	Due to Spider L-100 damaged in pump no.3 lovejoy couple.	New spider L-100 replaced.	pump working ok.	
9	9-Dec-19	Final outlet pump house	pump no. 4 stopped	Due to Spider L-100 damaged in pump no.4 lovejoy couple.	New spider L-100 replaced.	pump working ok.	
10	11-Dec-19	Equalization pump house	pump suction line leakage	160 mm HDPE suction line leakage from HDPE joint.	160 mm HDPE joint repaired in line.	leakage stopped.	
11	11-Dec-19	Equalization pump house	pump no. 3 stopped	suction line leakages from stubend	New Stubend replaced in pump no.3	leakage stopped.	
12	12-Dec-19	Equalization pump house	pump no. 1 : preventive maintenance	water leakage from gland cover damage	new gland cover replaced in pump no.1	leakage stopped.	
13	16-Dec-19	Final outlet pump house	Pump replacement	existing centrifugal pumps - 2 nos. are not working properly.	2 nos. standby centrifugal pumps replacement done in pump no.1 & 2.	both pumps replaced after proper servicing.	
14	18-Dec-19	Final outlet pump house	preventive maintenance	water leakage from gland in all pumps	new gland packing replaced in all 4 pumps.	working ok	
15	18-Dec-19	Final outlet pump house	preventive maintenance	Oil level indicator damaged in pump no.2	replaced new oil level indicator	working ok	
16	21-Dec-19	Equalization pump house	preventive maintenance	water leakage from gland in all pumps	new gland packing replaced in all 4 pumps.	working ok	

17	22-Dec-19	Final outlet pump house	pump no.4 stopped	pump no.4 stopped due to spider damaged of lovejoy couple.	New spider L-100 replaced and pump alignment done properly.	working ok	
18	31-Dec-19	Final outlet pump house	pump no. 4 stopped	Due to Spider L-100 damaged in pump no.4 lovejoy couple.	New spider L-100 replaced.	pump working ok.	
19	1-Jan-20	MITAP pump house	pump stopped	existing submersible pump not working properly	new submersible pump 5 HP replaced, 100 mm and 110 mm NRV replaced in existing line connected with pump.	pump working ok.	
20	15-Jan-20	Equalization Tank - 1	Triton blower stopped and agitator stopped	Blower motor stopped due to electrical fault and air filter chockup and agitator motor stopped due to rewinding work required	both motor for agitator and blower with motor repairing work done at ele workshop	both agitator and blower working ok	
21	22-Jan-20	Aeration Tanks	both DO meter stopped	existing DO meters are not working properly	replaced new DO meters at both aeration tanks.	working ok	
22	25-Jan-20	MGF and ACF	HDPE Line supports of MS are corroded	Due to corroded MS supports of existing HDPE lines and joints are leaking due to this	new supports done instead of old corroded supports	work done	 
23	9-Feb-20	Final Outlet	Increase treated water supply to horticulture	existing treated water supply to horticulture by flexible pipeline	new tanker filling point with new valves and flowmeters for filling 2 tankers parallel	working ok	 

24	10-Feb-20	Primary Sludge collection chamber	motor guard required	to protect from rain and dusting guard required	installed new guard	protected	
25	15-Feb-20	Equalization Tank - 2	Triton blower stopped	due to corroded MS support blower with motor fall down in equalization tank	repairing work done at ele workshop and new support fixed	triton blower working ok	
26	17-Feb-20	Screen Chamber	Metallic screen damaged	due to corrosion metallic screen damaged from bottom	new screen replaced	working ok	
27	17-Feb-20	Equalization Tank - 1	tanker unloading work	to prevent big particles and waste entering with effluent, screen required	new screen installed for tanker unloading direct to Eq tank - 1	work done	
28	19-Feb-20	Final outlet	HDPE line modification	Required modification work to increase treated water supply by tankers	HDPE line modification work done, new flowmeter replaced in line and 2 nos flowmeter separated for parallel both tankers filling.	now each tanker can fill within 10 min instead of 22 min earlier	

Annexure–15

Organogram of Environment Management Cell, APSEZ, Mundra



Annexure–16

Cost of Environmental Protection Measures

Sr. No.	Activity	Cost incurred (INR in Lacs)			Budgeted Cost (INR in Lacs)
		20 17 – 18	20 18 – 19	20 19 – 20	20 19 – 20
1.	Environmental Study / Audit and Consultancy	9.0	6.7	0.33	6.0
2.	Legal & Statutory Expenses	5.07	4.42	0.84	3.0
3.	Environmental Monitoring Services	27.02	20.36	21.74	24.0
4.	Hazardous / Non Hazardous Waste Management & Disposal	65.62	95.72	108.43	120.57
5.	Environment Days Celebration and Advertisement / Business development	2.85	0.28	1.5	10.0
6.	Treatment and Disposal of Bio-Medical Waste	1.13	1.21	1.62	1.56
7.	Mangrove Plantation, Monitoring & Conservation	60.0	47.0	Nil	Nil
8.	Other Horticulture Expenses	547.0	579.32	734.18	727.80
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	70.02	144.29	110.18	128.52
10.	Expenditure of Environment Dept. (Apart from above head)	102.15	109.28	105.13	124.38
Total		889.86	1008.58	1083.95	1145.83

Annexure–17

Sustainable Growth

With Goodness



Our Journey

The year 2019-20 has passed off with motivation through recognition by Ministry of Corporate Affairs and courage to work for the commitment given to the community. It is necessary that sustained growth is achieved at rural level along with the industrial development. This can be made possible by involving more and more people in the rural development programme.

Since beginning, The Adani Foundation Mundra is committed to the cause of the deprived and underprivileged. It has been working relentlessly across 6 Talukas, covering 92 villages, to uplift the lives of more than 60,000 families with a multi-faceted approach.

This year conceded with more streamline projects of Education i.e. Utthan – to enhance primary education of 17 schools of Mundra and 8 Schools of Nakhatrana, milestone achievement in Fisherman Livelihood project, Launched Gram Utthan in seven villages of Mundra , considerable impact created by Mangroves Biodiversity projects and new era defined in agriculture projects i.e. Home biogas and Dragon Fruit Cultivation

Adani Hospital Mundra is come out as a true blessings for the community due to reframed rate structure with more than 90% discount. Current year G K General Hospital recognized by Government for best implementation of Ayushman Yojana and for the best health service provider as well. Two Health Weeks were Celebrated to increase outreach of GKGH.

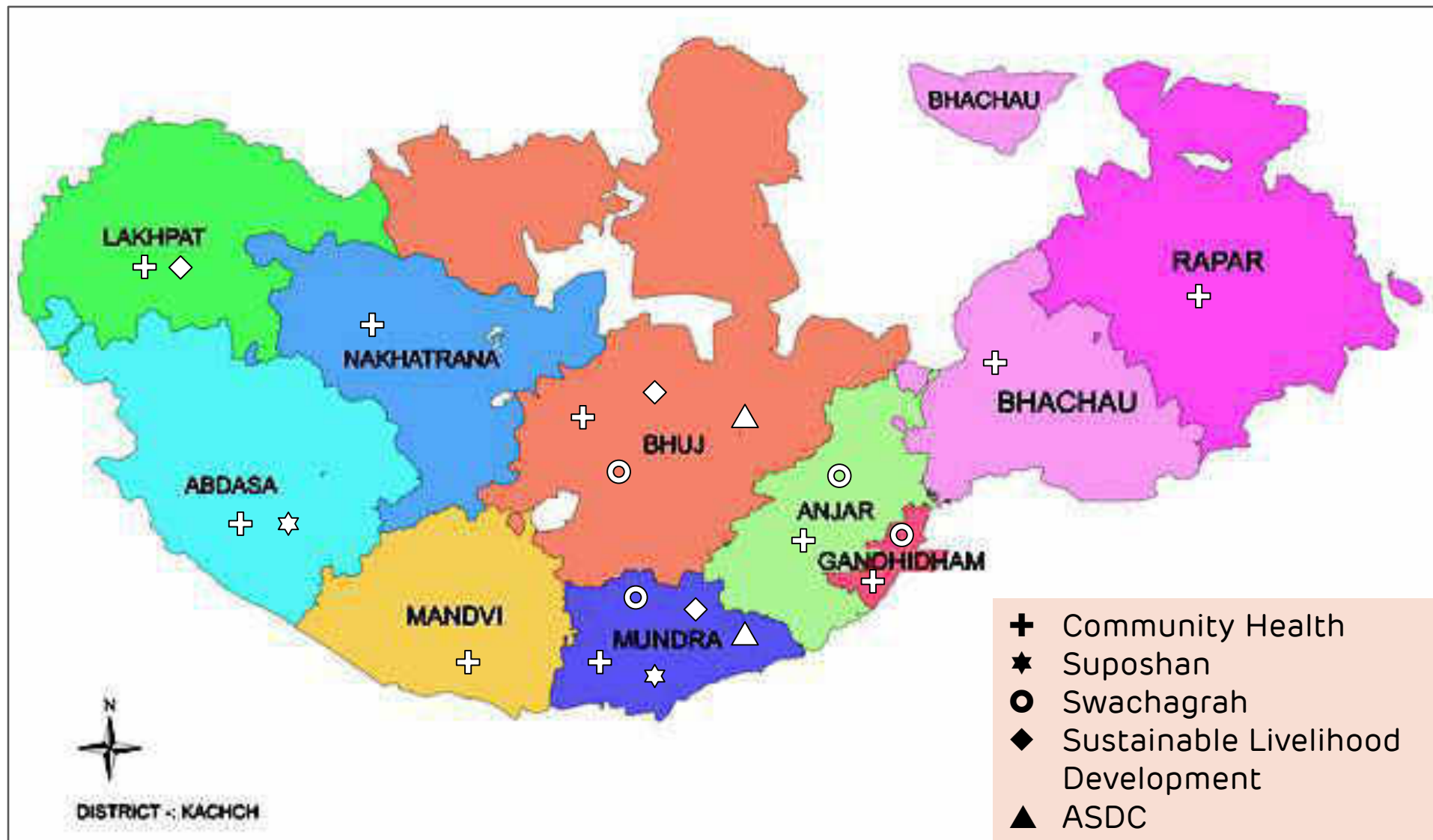
Namda Artisan Karim mansoori was awarded with "Best State Artisan Award" by CM, Gujrat. Live exhibition of different mangroves spices in District Level Krishi Mela by Adani Foundation. " Speaker of Kutchh" organized to motivate and identify youth speaker at District Level.

The people of Kutch have generously supported the activities carried out by the Adani Group or else this wouldn't have been possible. Their determination, understanding and commitment have strengthened the development even more.

Thanks to Mr. Rakshit Shah – Executive Director APSEZ and Mr. Avinash Rai – CEO APSEZ for being mentor of the team Always !

Our Achievement would not be possible without the ultimate support by Mr. P N Roy Chaudhry, Executive Director - AF and generous faith and passionate support by Dr. (Mrs.) Priti G Adani, Chairperson– Adani Foundation

Our Presence in Kutch



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Education



3417 Students	: 25 Schools Utthan
502 Students	: Khel Mahakumbh
3100 Enrollment Kit	: 118 Schools
997 Students	: Dignity of Workforce
3110 Mothers	: Mother's meet touch
33030 Students	: Udaan Project
443 Students	: Adani Vidya Mandir
552 Teachers	: Guruvandana- I,II



The future of India depends upon the quality of education imparted to our children in primary schools. Primary education is the basic foundation on which a nation builds its future.

In this context with an aim to enhance the quality of primary education in Kutch district, Adani foundation adopted 25 government school located at Mundra and Nakhtrana Taluka under the project 'UTTHAN' a drive of quality education.



Large-scale efforts have been made by the government and non-government sectors, especially in rural government primary schools, but coverage and quality of education are still not satisfactory. Adani Foundation leveraging their experience, to intervene in Government Schools. These interventions will aim to enhance the quality of primary education in Government schools. Under Project UTTHAN 25 primary government schools of Mundra and Nakhtrana Taluka of Kutch district have been adopted to take up various initiatives aimed at improving quality in these schools. 3417 children are benefiting from a meaningful education in these schools.

Academic

Co -curricular

Extra curricular



Academic

- One teacher – One school + Sports teacher + IT teacher
- 'IT on Wheel' Van with 35 laptops and computer instructor make students more tech savvy and spreading the digital and technology knowledge amongst the younger generation
- To achieve academic excellence of Priya Vidyarthi, Utthan Shikshak implies various alternative method to make their classroom more friendly and interesting.
- English is to be taught to the students from the early classes so that they will be equipped with ample resources during their further studies.
- Training cum Induction Program on various topic like teaching methodology of progressive learner, assessment pattern of slow learner, multiple intelligence etc.





Library activities

Use of Reading Corner by students
of Std. 3 to 8 of Utthan School
Every Saturday Library activity with
the Book issue were planned and
executed in a meaningful manner

7113 Book issued in academic
year 2019-20



Book mark
exchange program

Through book mark exchange
program Received

32 Partner schools from
11 different
countries



Other Activities



Sports

Sports are a crucial part of a student's growth and development. Through participation in sports and games, a student gains various skills, experience and confidence. With the intervene of our Sports teacher in all Utthan Schools successfully enrolled 500+ students in Khel Mahakumbh

All 17 Utthan school has received FIT INDIA certificate from Government of Gujrat.

36 Students (24 girls, 12 boys) reached on District level in Khelmakakumbh

500+ students enrolled in Khel Mahakumbh



Achievements

Utthan Sahayaks with the help of customize

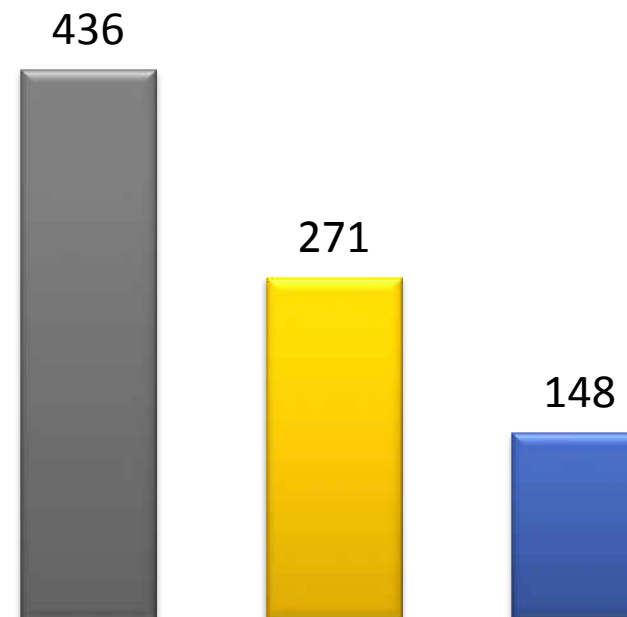
table meet huge success to achieve the main objective of the program

The No's of priya vidhyarthi in 2019 was 271 which is reduced to 148 in 2020

Third party assessment by KSKV University Department of Master of Social Work

Smart Classroom:

Gradually Reduction in no's of Priya Vidhyarthi



■ No. of Priya Vidyarthi as per the result of Gunotsav - 2017

■ No. of Priya Vidyarthi as per the report of Impact Assessment 2019

■ No. of Priya Vidyarthi as per the Internal assessment 2020

One of the major element of project Utthan is to convert traditional teaching method into technological based learning After the installation of Software classroom become more Interactive and Interesting – Stated in the Impact Assessment report done by KSKV University



Extra - Curricular

- Utthan Sahayak + 1222 students from High school & Higher secondary of 6 villages celebrate Fifth International Yoga Day
- On International Plastic Bag Free Day, Awareness were spread through Effective speech, Soft board decoration, Video and Newspaper clipping in all Utthan school.
- Celebration of Gurupurnima in all Utthan Schools during morning special.
- 363 students from 17 schools got an opportunity to visit Adani West port. Main port , Willmar, power & power through project Udaan.
- Tree plantation in all the Utthan School. Adani Foundation align with the circular passed by the Government of Gujarat "Ek baal Ek Jhhad" distributed 100 trees in each school. Students not only planted the trees in fact they adopt each tree with giving their own names.



Adani foundation has make out four major criteria for peripheral Development work amongst them “EDUCATION PROGRAMME” is the one of the major area where we work on following objectives.



Render support to gap understanding school Environment.

Efforts for 100% enrollment and retention of eligible children in Govt. primary school.

To fill the gap- understanding the importance and urgency of requirement though material or infrastructure support.

Sr. No.	Activities	Beneficiaries
1	Mothers Meeting	3110
2	Chintan Shibir	1155
3	Praveshotsav	3100
4	Celebrations	3295
5	Other Activities	734
Total		11394

Adani foundation is supporting for improving quality of education To motivate children for schooling as well as inspire peers with create conducive Environment by various activities like Mothers Meeting, Chintan Shibir etc.

Adani Vidya Mandir Bhadreshwar

In Bhadreshwar, Mundra, the Adani Vidyamandir has completely revolutionized the education scenario. Only the children of families with an income of less than 1.5 lakh are admitted to this school. Along with quality education, the school also focuses on providing nutritious food, uniforms and other services to the children for free.

In year 2019-20 Total strength of students are 443 in Adani Vidya Mandir



Adani Vidya Mandir Bhadreshwar

Annual Day Celebration



Annual Day was celebrated in Adani Vidya Mandir on 13th December 2019 on theme "Mera Bharat Mahan". Chief Guest of the Event was Wing Commander BSF and Mr. Rakshit Shah Executive Director, APSEZ was the chief guest of the Event. All the students participated with great Enthusiasm and Zeal.



ADANI VIDYA MANDIR BHADRESHWAR

adani
Foundation



Std:10
2019-20

AVMB STD - 10 SECOND BATCH RESULT

Year 2019-2020

SR NO	GRADE	STUDENTS
1	Above 80 %	1
2	Above 70 %	3
3	Above 60 %	5
4	Above 50 %	9
5	Above 40 %	7
6	Fail	2
TOTAL		27

AVMB Std.-10 Second Batch Result 2018-19

Adani Vidya Mandir Bhadreshwar achievement in Gujrat Board Standard 10th Examination Result 92% (25 students have passed the examination out of 27). Adani Foundation will take all responsibility of further study of students with respect to their interest.



Project Udaan

With a vision to familiarize, educate and inspire the future generations, Adani Foundation organizes Education Exposure visits to Mundra for High schools and educational institutes in Various parts of Gujrat.

568 institutes and 33,030 beneficiaries have made inspirational visit up to March 2020

Objective of the program:

The main objective of the project is to encourage and motivate young school students to develop their entrepreneurial skills. The main idea behind this project goes back a long way when Mr. Gautam Adani himself had a life changing experience. Young Mr. Adani had the chance to go and visit Kandla port, Gujarat. Looking at the expanse, the large scale activities being carried out at the port he got extremely inspired and encouraged. From that day onwards he nurtured his entrepreneurial skills only to later become the proud owner of one of the most successful ports in the world. Mr. Adani believes that if that one visit could have such an impact on his life, it could similarly do wonders for hundreds of other young minds if given a chance to dream big.



Other activities



Follow up Mechanism:

There is a structured feedback mechanism for the project where the visiting students along with their teachers send back a feedback form to the organization sharing their experience and inputs to

better the overall program. Entering in its 10th year, there are

concentrated efforts in the organization to conduct a full-fledged impact

study of the program to measure its short term and long terms effects.

Community Health Mundra



Project	Total OPD & IPD
Senior citizen	9860
Medical Supports	2129
Dialysis Supports	6
Medical Mobile van	20399
Rural Clinic	25142
Ayushman Bharat yojna	364
General Health camp	3137
Utthan Health camp	837
Brest & Cervical Cancer Camp	370
Forthnight health celebration	712
Total	62956

"ॐ सर्वे भवन्तु सुखिनः सर्वे ऽन्तु निरामयाः" is the Arogya Mantra of India – Adani Foundation Mundra is always following this mantra in case of health and well being of the community. Health is the basic need for development of community. Adani Foundation understands this fact and its committed to improve health care facilities in every corner of region.



Rural Clinic & Mobile healthcare unit

To solve the health issue in interior villages and to cover the marginalized as well as poor people Mobile Van and rural clinic service is being executed by Adani Foundation. The mobile health care unit cover 25 villages and 07 fishermen settlements. Around 90 types of general life saving medicines are available in these units. It has turned out to be a boon for women and children as the service is availed at their door - step. The Adani Foundation operates Rural Dispensaries in 7 villages of Mundra block, 03 villages of Anjar block and 1 clinics in Mandvi Block. Mobile dispensary and rural clinics provide health services with token charge of 10/- rupees per patient daily by a doctor and a volunteer.



11 Rural Clinic

8 from mundra 3 from Anjar block treated ;

25142 patients.

31 villages covered through Mobile healthcare unit
20399 patients benefited during the year



Health Cards to Senior Citizens

In the Fourth part of life is there is need special care for health and warmth hence Adani foundation has started senior citizen project in Mundra Block since 9 years.

The project is being implemented in three phase wise with key point of Blue and green card according to beneficiaries criteria.

The amount strategy per phase wise – Three year is as below

- | | |
|----------------|-----------|
| ❑ First phase | 75000 INR |
| ❑ Second phase | 50000 INR |
| ❑ Third Phase | 30000 INR |

During the year 2019-20, total 9860 transactions were done by 8672 card holders of 68 villages of Mundra Taluka. They received cash less medical services under this project.

The third phase of this scheme was started in last year. The limit for the beneficiary was set to 30000/- within a period of 3 years. the senior citizens get emergency medical care at Adani Hospital, Mundra and refer to GKGH, Hospital ,Bhuj in Emergency.

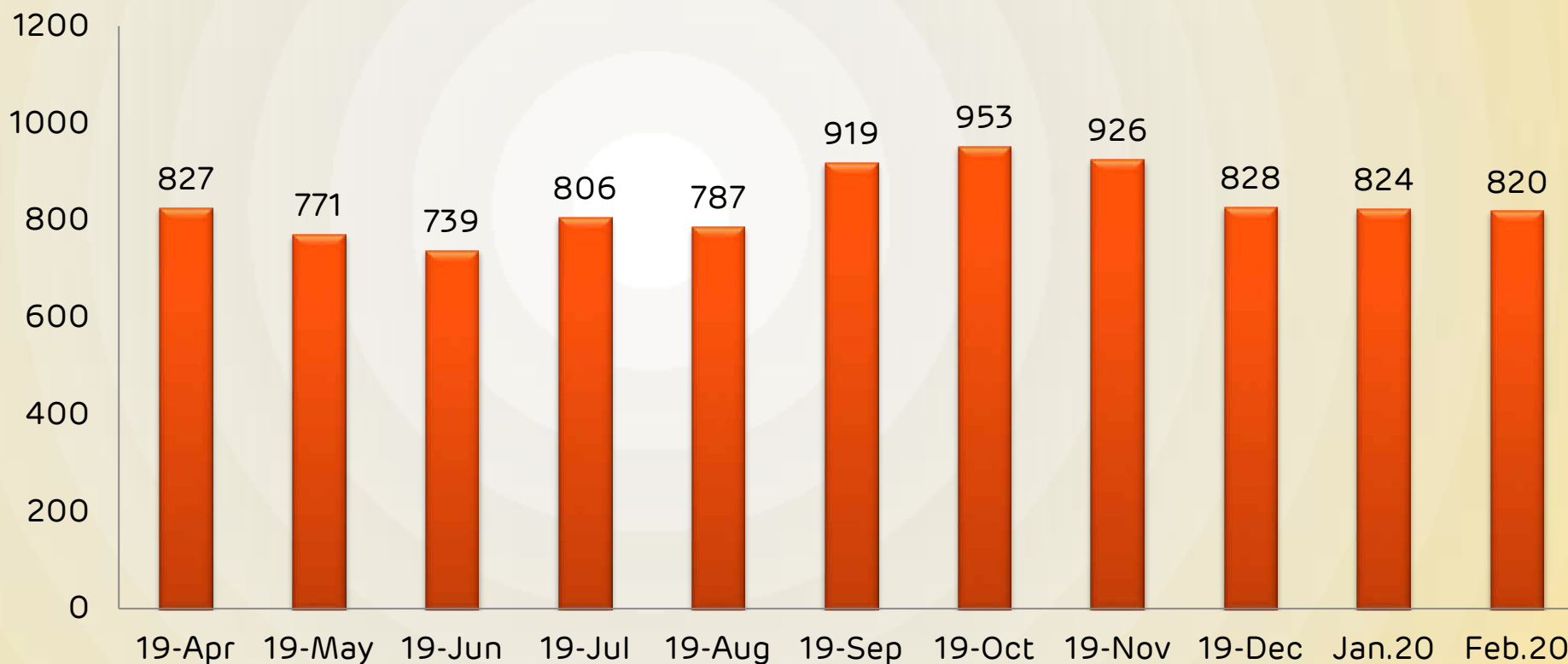


Sr.Citizen Project – Total village wise Card transection for April-19 to March-20

Sr.Citizen status Year-2011 to 2020

Number of Villages	Total Cards	Total Survey	Pending Renew Cards	EXP	Green cards	Blue Cards	BPL Cards	APL Cards	No Resnig Cards	RSBY Cards	MA Cards
68	8672	7056	901	715	6289	767	2493	4516	47	77	222

Month	OPD
19-Apr	827
19-May	771
19-Jun	739
19-Jul	806
19-Aug	787
19-Sep	919
19-Oct	953
19-Nov	926
19-Dec	828
Jan.20	824
Feb.20	820
Mar 20	660
Total	9860





General health camps, Pediatric Camp, breast and cervical cancer screening camp and surgical health camps was organized at frequently to meet the specific requirements of the community and in disease outbreak season.

In the year of 2020-2021 Total 3137 people had been benefitted by various kind of camp and needy and screened patients are treated in **Adani Hospital**.

As well as linkages and facilitated them with government health Yojna like Ayushman Bharat, RSBY, Maa Amrutam and Maa Vatsalya yojna ,Bal sakha yojna.

Health camp			
Sr. no.	Place	Villages Name	Total Patients
1	Ganesh Mandir Mela_ Health Camp	Luni	40
2	Hajipir Mela provide Medicine	Hajipir mela	100
3	Salimbhai Labour colony Health camp	Dhrub	71
4	Shri Ram Katha Nandi Sarovar Ahinsadham	Pragpar	491
5	Aslambhai Labour colony health camp	Dhrub	175
6	Tatwamsi Keraliyan Samaj	Mundra	64
7	Labour Colony Health camp - AWL	Dhrub	154
8	Labour Colony Health camp - AWL	Dhrub	117
9	Khoja Jamat khana Mundra	Mundra	125
10	Multi Speciality Camp Ramvadi Gundala	Gundala	105
11	Health camp at Uras Darga Sarif Luni	Luni	824
12	Labour Colony Health camp - AWL	Dhrub	161
13	Pra.School Sukhpar Vaas _mundra	Mundra	108
14	Samaj vadi Sukhpar vaas - Mundra	Mundra	160
15	Luni Samuha Sadi	Luni	290
16	Labour Colony Health camp - AWL	Dhrub	152
Total...			3137

Medical support



While Health emergency create its takes limitless rupees to recover it and it is not possible to economically poor though Adani Foundation provides primary health care and financial assistance for ailments such as kidney related problems, paralysis, cancerous and tumor surgeries, neurological and heart problems, blood pressure, diabetes etc.

Medical Support had been given to 2129 benefitted from Mundra, Mandavi and Anjar Block at adani hospital, Mundra where as In the Critical cases after stable them we refer them to GKGH, BHUJ for further treatment.

Dialysis support



As the kutchh is arid region and higher saline Drinking water in Mundra, there is urinary stone and kidney failure case is more prominent in Block. A dialysis support project to providing dialysis treatment to help the extremely needy patients to live a healthy life.

Total 6 Patients are being supported for regular dialysis (twice in a week) during this year.

Community Health Bhuj



- 5398 Patients taken Care and Coordination
- 52 Health Camps 4779 beneficiaries
- 609 Dead body referred by carry van
- 3557 Ayushman Gold Card facilitation through Enrollment camp and Mahiti Setu
- 549 support for Implants and Needy Patients
- 9896 People helped through Mahiti Setu for various government schemes
- 816 people benefitted in 6 health awareness camps



Gujarat Adani Institute of Medical Science (GAIMS) - Bhuj

Gujarat Adani Institute of Medical Science is the first Medical College of Kutch region. It started in partnership with Adani Group and Government of Gujarat in the year 2009. This college was affiliated by the Medical Council of India in the year 2014 for the MBBS with 150 seats per year. Gujarat Adani Institute of Medical Science is affiliated with the first digital university "Krantiguru Shyamji Krishna Verma Kutch University". In GAIMS, currently 750 students are studying. The GAIMS Medical College is situated in the heart of Bhuj city on a large plot of 27 acres.



Adani Foundation - Bhuj

- Adani Foundation Team has initiated coordination with GKGH hospital since 2014 and established a reception area for the smooth patient coordination and preparation for the social networking program.
- Adani Foundation organized **52 General Health Camps and Speciality Camps** in various interior villages of Kutch in coordination with GKGH which created magical impact and benefitted **4779 patients**. Adani Foundation Bhuj Health team has also organized more than six awareness camps.
- Dead body medical van – Dignity to death is one of the noble initiatives taken up by the Adani Foundation. If any death occurs in GKGH, dead bodies are shifted to the native village of the concerned in the Kutch District free of cost. Total 609 dead bodies privileged till now to different locations in Kutch.



Patent Care and coordination



Sr. No.	Month	Total Patient Special Care in OPD and IPD level
1	April to June	1350
2	July to September	1474
3	October to December	1419
4	January to March	1155

In the financial year 2019-20 G K General Hospital Adani Foundation team has coordinated with 5398 patients for proper IPD care from admission stage to up to discharge level.

Mahiti Setu

Mahiti Setu has created trust and easy access to various government schemes – outreach will increase with time and awareness. 9686 people helped through Mahiti setu for various govt scheme

Sr. No.	Month	Total Beneficiaries
1	April to June	2249
2	July to September	1993
3	October to December	1951
4	January to March	3493





Arogya Saptah

Adani foundation, Adani Hospital and GAIMS have Jointly Celebrated "Arogya Saptah" 8th to 14th August & 20th to 26th January in Respect of Independence and Republic of our country. Celebration included multi specialty camps, Workshops, truckers health check up, surgical camp on foundation day and adolescent fair at different part of district. Collector, **7th to 14th August 2019**

Day	Date	Event Name	Details about the event	Beneficiaries
1	07/08/2019	Health check up at Orphan age, Bhuj	Orphan children's of Yatimkhana ahlesunat primary schools 101 students health checked and referred 24 students for further treatment	101
2	08/08/2019	Blood Donation Camp, Nakhatrana	Blood donation of 16,500 MI was taken from blood donation camp at Nakhatrana.	55
3	09/08/2019	Pregnant Women health check up, Madhapar	ANC mothers HB and health checked by gynaecologist and advised for care and diet during the pregnancy	50
4	10/08/2019	Surgical Mega Camp, Khavda	Mega Surgical Health camp held in Khavda region 223 patient had been treated and more than 35 patients referred for further treatment	223
5	11/08/2019	General Health Camp, Palara Jail	Due to constant complaints about the health of the examiners of the Palara Jail, the camp was organized in the Palara jail and there were an 35 patients referred to gkgh of skin patient.	139
6	12/08/2019	Ayushman Health Card Enrolment, Gorevali	Aushyman bharat golden card enrolment camp was held at Gorevali PHC there was 39 family covered under the the skim and 52 card was given to beneficiary.	52
7	13/08/2019	Awareness on women health, mukt jivan college, Bhuj	Woman awareness for hostel girl of Muktjivan Swamibapa mahila collage was held 250 Student got aware about Menstrual, HIV, Breast and cervical cancer.	250
8	14/08/2019	Blood Donor Appreciation	More than 50 and 100 times blood donor was appreciated with certificate by Adani foundation and GAIMS.	36

Arogya Saptah

Objective of the program was to avail health benefits at GKGH and also at Adani Hospital Mundra and Approximately 1539 people were direct beneficiaries of the program.

20th – 26th January 2020

Day	Date	Event Name		Beneficiaries
1	20/01/2020	Eye diagnosis camp- Khavda	Due to the dry climate eye diseases such as Cataract etc. are more prevalent in Kachchh area. Thus we held speciality camp of eye and 9 operative patient referred to GKGH	42
2	21/01/2020	Woman Health and awareness and HB camp	Adolescent girl, woman HB awareness and check up camp was held at Mota reha village, 3 girls of higher haemoglobin was awarded as Miss Haemoglobin	86
3	22/01/2020	Health check-up camp ugedi	3 rd event of Health week 4 was held as Health check-up at Ugedi village of Nakhtrana Taluka. 115 Patient was taken benefits of the camp.	115
4	23/01/2020	Subhaschandra boss Jaynti celebration	Speech and Drawing Competition Held at 'PATVADI NAKA' Primary School on the occasion of the birth anniversary of Freedom Fighter Subhash Chandra Bose	150
5	24/01/2020	Ayushyman Bharat camp-Bhadreshwar	Golden card of central Government's PM-JAY scheme enrolled at Bhadreshwar PHC 32 family and 45 beneficiary taken benefits of this camp.	45
6	25/01/2020	World leprosy day celebration	Organized an awareness program to celebrate World Leprosy Day 160 PCA and Nursing staff got advice about leprosy	160
7	26/01/2020	Appreciation to housekeeping staff	PCA and Security staff who has done excellent work for Public Health was appreciated by adani foundation as part of 4 th Health week on the occasion of Republic Day celebrations	35

Sustainable Livelihood Development

In the villages at Mundra Taluka, several communities are economically side-lined and weaker that depend on a sole income source or are unemployed. Sustainable livelihood projects have been launched to cater financial independence through building local partnerships, providing diverse livelihood avenues, inculcate the attitude to establish savings, equipping to earn and updating local skills by making use of existing resources to encourage self-reliant lifestyles. Participation Is encouraged by launching specific projects for fishermen communities, farmers and cattle owners, youth and women.



Fisherman Amenities work



- 939 Students : Education Support
- 137 Students : Adani Vidya Mandir *
- 28 Fisherman : Alternate livelihood
- 11 Fisherwomen : Linkages for schemes
- 1295 Fisherman : Community Engagement
- 4340 Members : Potable water provision
- 6261 Mandays : Mangroves Plantation *
- 12 Members : Sea Weed Culture
- 6970 Direct Beneficiaries

28 Fisherman are engaged in various contract related jobs and 37 Fisherman are doing job after taken training from Adani Skill Development Center.



To strengthen the standard of pri-primary education, Adani Foundation has constructed 4 BALWADI at different fishermen helmet Which focuses on the development of basic age-appropriate learning concepts, discipline, regularity, awareness of health & hygiene, cleanliness and also provides nutritious food. 140 children are benefiting from this scheme

Balwadi		
Sr.	Village & Bandar	children
1	Juna Bandar	45
2	Luni Bandar	25
3	Bavdi Bandar	40
4	Zarapra	30
	Total	140

Learning with Joy

Adani foundation came to know that fishermen children are being suffered to continue their study due to migration of their family at different Vasahat so foundation has started vehicle support for transportation from different Bandar to village total 120 students were benefitted.





Scholarship Support

The Adani Foundation provided scholarship support to motivation and encouragement of fishermen boys and girls for higher education under this program we provide 100% fees support to girls and 80% fees support to boys as a scholarship. this year total 78 students are being facilitated by Adani foundation.



Book support:

49 Fisherman Students from Higher Secondary Standard (9 to 12) has been benefitted from various of Juna Bandar, Zarpara, Navinal, Bhadreshwar.



Cycle support:

Fishermen who are at fishermen hamlets are migrated with whole family for 8 month fishing season. During that time to continue higher education of their children at Mundra, Adani foundation provide cycle support every year to 9th standard students This year cycle support has been given to 7 students

Awareness Program



To create awareness about health, personal hygiene, child education and nutritional diet in fishermen community, various awareness programs have been organized.

Facilitation of Government's fishermen welfare scheme "Sarkar Apne Dwar" program organize. More than 150 Beneficiaries participated in this events.



Machhimar Ajivika Uparjan Yojana

Providing fishing materials support like fishing nets, ropes, buoys, anchor, etc. according to fishermen need. Before these Fishermen had to buy this borrowed materials from traders which were very expensive for them

28 fishermen has been facilitated by fishing materials

Potable Water to Fisher Folk at vasahat-2019-20

Sr.	Vasahat	family	Requirement Per day	Remarks
1	Luni Bandar	116	15000	9 Month
2	Bavdi Bandar	88	15000	9 Month
3	Kutdi Bandar	140	15000	Provide by Adani Solar
4	Virabandar	58	10000	Provide by Tuna port
5	Randh Bandar	350	25000	9 Month
6	Ghavarvaro Banadar	58	7500	Provide by Tuna port
7	Junabandar	134	30000	Connection with Mundra Gram Panchayat
8	Zarapra Vasahat	72		12 Months
9	Chhachh vadi Zarapra	69		12 Months
	Total	1085	117500	



Machhimar Shudhh Jal Yojana

Pure water play important role for good health hence reduce water scarcity and ultimately reduce load over women , potable water was provided to the fishermen communities at different vasahat through water tanker **A total of 1,17,500 litres of water per day was supplied to 1085 households from different settlements on a daily basis..**



Cricket Tournament

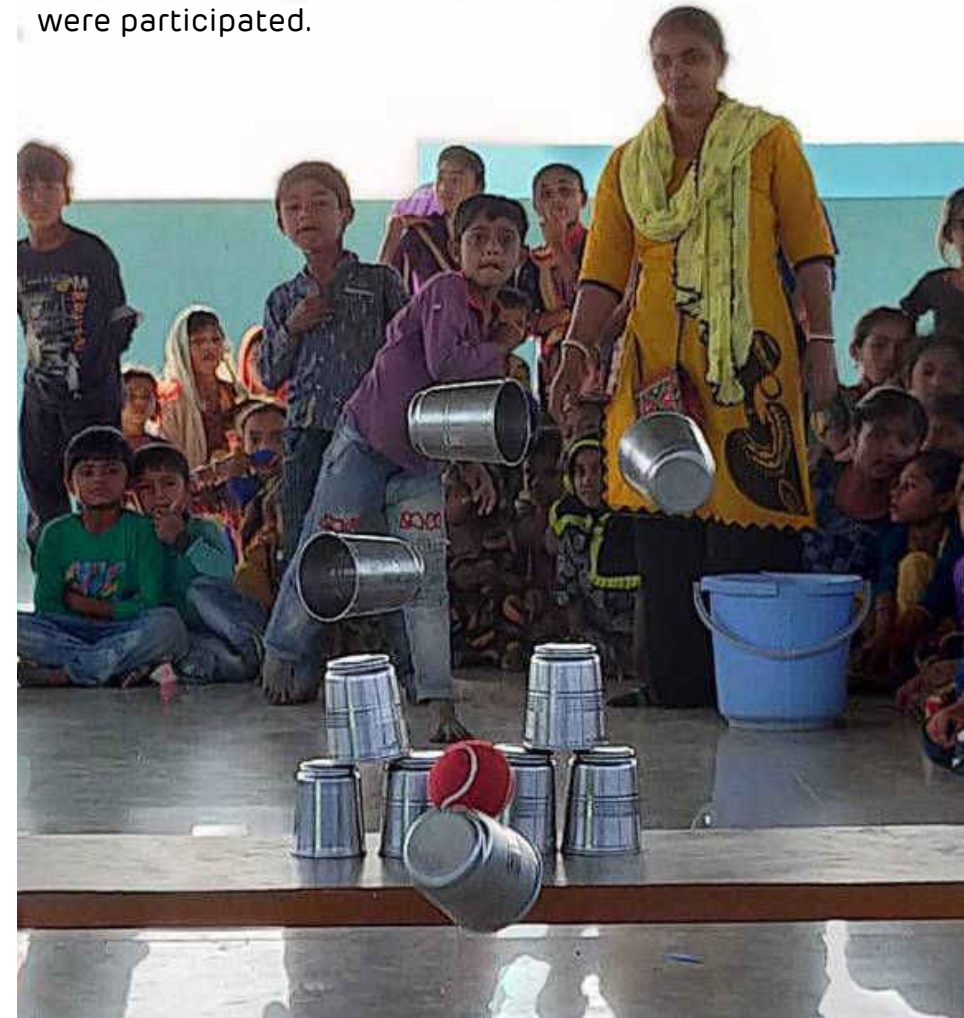
Adani Foundation, Mundra organized Cricket Tournament, **"Adani Premiere League"** among fishermen community to promote healthy sportsmanship ,and harmonically transparent community relationship among fisher folk of Mundra ,Anjar and Mandvi Taluka.

Total 65 Teams were participated from 13 villages i.e 750 Fisherman youth from various Villages Zarpara, Navinal, Shekhadia, Modhava, Salaya, Mundra, Tragadi, Luni, Gundiyali, Bhadreshwar ,Vandi (Tuna),layja and kathada with great enthusiasm.

Ramotsav Programme

To Development of physical and mental Development of youth Ramotsav week Program has been organized at various Vasahat. (i.e. Junabandar, Luni, Zarapara, Bavdi Bandar and Navinal & Vira Bandar)

This year Total 545 children of 1st to 10th standerds were participated.



Environment Sustainability

The Environment Impact Assessment (EIA) Notification, 2006, issued under the Environment (Protection) Act, 1986, as amended from time to time, prescribes the process for granting prior environment clearance (EC) in respect of certain development projects/activities listed out in the Schedule to the Notification.

Sustainable development has many important facets/components like social, economic, environmental, etc. these components are closely interrelated and mutually reinforcing. Under Corporate Environmental responsibility 10 km radius villages from SEZ Boundaries.

To make connections between human actions and the level of biological diversity found within a habitat and/or ecosystem, this year we launch project "Sanrakshan" in coordination with GUIDE. MOU has been signed with Dr. Thivakaran – GUIDE for conservation of five species of mangroves.



Bio diversity Project

Bio diversity Project has been Continue with three spices Rhizophora Mucronata ,Ceripos Tagal, Ceriops Decandra with good growth at Luni Bandar.

The mangrove biodiversity enrichment project in and around Adani ports special economic zone limited (APSEZL) aims to introduce select true mangrove species on a pilot scale in suitable coastal belts and assess their survival. Because this project is the first of its kind, the expected survival rate is between 20-30%.



The project is currently in its initial stages of establishing nurseries and sowing seeds of several different species brought in from multiple locations in and outside of Gujarat state. These nurseries have been developed in tidal flats near the village of Luni, Kutchh, Gujarat.

The mangrove seeds/propagules) for the establishment of the nursery were brought in from various locations in India, namely, Machilipatnam (Andhra Pradesh), Pondicherry (Tamil Nadu), Parangipettai (Pichavaram Mangroves, Tamil Nadu), Kandla (Gujarat) and Jamnagar (Gujarat).

In most of these locations, there is adequate fresh water supply available due to high/substantial rainfall and/or presence of major rivers (also important river confluences and deltas that give rise to a thriving estuarine environment). Consequently, the mangrove species that successfully grow in those regions are adapted to a low-salinity environment (where salinity is approximately 20 ppt) against that of 37-44 ppt prevailing in Kutchh coastal waters. Furthermore, the species selected to establish the biodiversity enrichment project also belong to this group of mangrove species. This subsequently creates a challenge for the team heading this project because the Kachchh region does not provide adequate salinity ranges for survival of most of these species. In fact, it provides an extremely harsh saline environment (salinity can range up to as high as 44 ppt during summer).

Considering the above-mentioned scenario, the site selection criteria, need for species of high salinity tolerance and studying their natural occurrence in Kutchh becomes critical in ensuring a substantial survival rate of the mangrove species selected to potentially successfully establish a diverse and resilient mangrove community in the Kutchh region.

Furthermore, a highly diverse set of mangrove species will ensure resilience in the face of changing climate and could probably provide as a thriving gene pool and seed bank in the future for the Kutchh region.

Book Launch : Multi- species Mangroves Biodiversity Park by Chairperson, Adani Foundation



SUJLAM SUFLAM JAL ABHIYAN

Global Problem-Local Solution

Water Conservation Work At the turn of millennium, the state watched with growing alarm the steady depletion of its ground water and launched massive drive to achieve water security in Mundra region.

- A large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and
- Ground recharge activities (pond deepening work for more than 52 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.
- Roof Top Rain Water Harvesting 54 Nos. and Recharge Bore well 75 Nos.
- Drip Irrigation 823 Farmers benefitted in coordination with Gujrat Green Revolution Company
- Participatory Ground Water Management in ten villages with holistic approach for Kankavati Sandstone Aquifer Programme

Water Harvesting Structures



Dhrub- pond deepening work – work completed



Zarpara – Roof Top Rain Water Harvesting

For Water conservation drive we are having vision for next five years that

- Drinking Water Sustainable Villages by Roof Top Rain Water Harvesting – at least 5 villages
- Agriculture water conservation by 100% Drip, Bore well Recharge
- Farm Bunding and Crop pattern
- Recycling Sewage water from STP
- Awareness for water conservation to community

Machhimar Ajivika Uparjan Yojana

The 'Ajivika Uparjan Yojana' was implemented to promote and support alternative livelihoods among the Fisher folk communities during the non-fishing months. The Foundation introduced 'Mangrove Nursery Development and Plantation' in the area as an alternate income generating activity for the people of the region. Both men and women received training on Mangrove plantation, moss cleaning, etc. as per requirements. The Foundation provided them with employment equivalent to 6261 man-days. In addition to this, employment worth of 42048 man-days has been provided till date. The Foundation has also supported Pagadiya fishermen as painting laborers by providing them with employment and job in various field.



Sea Weed Project

The cultivation of seaweed have significant potential for the sequestration of carbon dioxide (CO₂) and will very fulfill in mitigating the climate change. Seaweeds are macrophysics algae, a primitive type of plants lacking true roots, stems and leaves. They provides valuable source of raw material for industries like health food, medicines, pharmaceuticals, textiles, fertilizers, animal feed etc.

As per study of government of Gujarat, Seaweed culture can be best developed along the coast lines of Amreli and Kutchh districts in Gujarat. Juna bandar has good potential for seaweed farming as it has Calm and less wind action. We started this project as Pilot base at Junabadar with 50Kg Quantity. though there was good growth but due to cyclone it was damaged at present it 600Kg.





PROJECT "DRIP IRRIGATION"

- **Basis of Requirements of Drip Irrigation**

The main source of livelihood being agriculture, the cultivators tend to use more and more underground water for irrigation. Underground waters have gone very highly saline. The use of such water for irrigation has made the soil also saline and the crop yields have dwindled.

- **Process of Drip Support**

Farmer have to applied in the prescribed form of Adani foundation with photograph. Inspection and verification will be by AF representative.

Ration card, work order of G.G.R.C, 7/12 certificate and all bills must be attached.

Farmer will be informed by telephonic to have form query.

Primary information about farmer land will be received by telephone.

Farm visit within 10 days of after received of application and verified the installation of system as per map and material as per bill will be checked and get farmer feed back.

Verification report submitted to account office.

Payment within 20 days if all document is complete through net banking.

Farmer economic study after our support. – Follow up

- **We have covered 164 farmers and 755 acre drip irrigation area last year. Curret year We have covered 131 farmers and 667 acre drip irrigation which is remarkable for water conservation.**

Home Biogas



Home biogas is the Israel based company was founded in 2012 manufactures dynamic biogas unit not only for farm waste but for kitchen waste too.

Under Gram Utthan Project, Adani Foundation is supporting home biogas to farmers to Uthhan Villages phase wise. Current year supported 95 home biogas in Dhrub, Zarpara and Navinal Villages.

- Reducing organic waste,
- Transitioning to renewable energy
- Motivation for reduction in use for fertilizer

And Improving the health and living conditions for the millions of families that are still cooking on charcoal and wood. Adani Foundation is not only supporting but creating awareness to save environment and health of the community who regularly cooking on Chula. It is proven that one hour cooking on Chula is as dangerous as smoking 40 cigrates.



Objective of the Project :

As a Main Process, Bacteria break down organic waste in a naturally occurring process, and Home Biogas stores and harnesses the energy created so that it can be used for gas.

Earlier we had proceeded for capacity 2 cum but after visit and series of meetings with farmer group – we need to take up plant capacity 6 cum

Participation by Community :

For acceptance of this new biogas - We did awareness programmes, given information about usages of home biogas to farmers. Demonstration and training for smooth operation and also maintenance. Community has given 10 percent participation means 3000 INR per Home biogas.

SLD Agriculture Initiatives

- The organization has carried out remarkable activities in the agricultural and animal husbandry sectors. We have initiated Programme for Awareness of Farmers in collaboration with KVK. The outreach is approximate 200 farmers of seven villages under Gram Uthhan.
- The purpose of this project is to initiate village wise integrated agricultural & allied development for sustaining agriculture and socio economic situation of farming community of Mundra block.



Fodder Cultivation

After periodic discussions with Village Development Committee, Gram Panchayat and Gau Seva Samiti of Siracha – Adani Foundation had coordinated for Village Gauchar Development. Total 85 Acre Gauchar Land was approved by GP for Development by decision taken in Gram sabha . Among them 22 Acre land Has been Sowed with Sorghum and Remaining land would be Grow with Wild Grass

Siracha

22 Acre – 88000Kg Sorghum

63 Acre- 63000Kg Wild Grass

Total 85 Acre= 151000KG

Bhadreshwar @ 7 Acre= 28000Kg

Kukadsar @ 15 Acre= 60000Kg

Implementation Process includes

- Meeting with Village Development Committee
- Meeting with SDM for Gauchar Land Details





Tissue Culture : Date Palm

Brief Description

Make availability of 4000 tissue cultured plants of Barahi varieties to the farmers of project area. For this, we have selected best offshoots of Barahi plants from Well known Laboratory in coordination with farmers groups, Vice Chancellor (Anand Krishi University), Dr Murlidharan (Scientist, Date Research Center) and Krishi Vigyan Kendra Mundra.

The selected tissues from laboratory will take 3 years period for development and fruit. Hence, whole program is coordinating farmers participation basis having four party i.e. Tissue culture laboratory, Adani Foundation, KVK and farmers committee of project area. Major functions of all parties are as under;

TC Lab: Develop TC plantlets of Yellow varieties

Adani foundation: Financial support

KVK : Technical support to the program

Farmers committee: Provide their support for selection of Tissue plants & contribution in distribution & provide 50% cost of plants.

Objective:

To provide tissue culture plants of local elite varieties of Datepalm to the farmers of project area at affordable price.

Expected Outcome

We have registered Farmer's Producer Company first (Kutchh Kalptaru Farme's Producer Company) in which 140 farmers are registered members of project area. Adani Foundation will support for 25 plants/farmers phase wise. In first phase during Financial Year 2019-20 we will provide support to 70 Farmers.

Financial Outcome

If we will assume 100 kg production of fresh fruits of Datepalm of best varieties per plant. Then total production is 4 lakh Kg. and price Rs. 80 / Kg. Then total gross income will be generated Rs. 3.20 crore. Consultant Fees will be Rs. 60,000 including FPO Registration Charges

Strategy: For 4000 Date tissue plant in 2 phase (per plant cost 3300 INR)

Farmers : 70 Farmers will be supported 25 Plants (1750 Plants in current year)

(50 percent contribution from Farmers (they will get 35% from Government in a form of subsidy after plantation.)

Tissue Culture : Date Palm



Women Empowerment Projects



- In Kutch, the situation of women is miserable. Women are totally dependent on male members of family for their needs. Consumption of liquor is one of the main culprits in Kutch. Due to this evil prevalent among men many women are suffering.
- Considering this situation, We have started our training program with two major women's group of Villages near Adani Power and Adani Ports. Both the groups of women (**123 women in total**) successfully completed their training for preparing washing powder, phenyl, liquid for cleaning utensils and hand wash etc.
- We have selected 10 women groups having 123 members total, as per their ability for different work i.e. accounting, banking, leadership, marketing, administration etc.
- As a further step to bring sustainability, we thought to start a shop "Saheli Mahila Gruh Udyog" at Shantivan Colony.

Women Empowerment Projects

Step towards socio economic development

No	Name	Members	Work	Avg Income
1	Sonal Saheli Group	11	Washing Powder and Phynayle making	3000
2	Tejasvi Saheli Group	10	Stitching Unit / Bag Making	5000
3	Pragpar Saheli Group	29	Handicraft Suf, Pakko and Jat	7500
4	Shradhha Saheli Group	11	Dry and Fresh Nasta Making Unit	3200
5	Meghdhanush Saheli Group	10	Mud Mirror Work	6000
6	Umang Saheli Group	11	Soft Toys and Dori work	1400
7	Asha Saheli Group	10	Sanitary Pad Making Unit	2500
8	Anjali Saheli Group	10	Paper Bag and Paper Cup Making Unit	-
9	Vishwas Saheli Group	10	Dry Nasta – Chiki, Potato Waffer, Papad	2200
10	Radhe Saheli Group	11	Non Women Bags	1150
		123		

Women Empowerment Projects

Step towards socio economic development

Apart from Self help Group, Adani Foundation is motivating and supporting Rural women for appearing SSC/HSC board exams, completing graduations and joining course under Skill Development Center or RSETI.

Also coordinating for Bank Sakhi, Bima Sakhi, Gram Rakshak Dal and Private Companies for full time job. For the same we coordinate with district administration, DRDA and HR Department of Private Company. This Coordination became very fruitful in case of Britannia Company. We have coordinated with approximately 300 women for appearing for interview and filling forms for Britannia. As on date 271 women are doing job in Britannia and getting Rs. 9700 plus PF per Month.

No	Name	Members	Work	Avg Income
1	Bank Sakhi Yojana	9	By State Government – agent work	3000
2	Gram Rakshak Dal	7	Secured job by Government	6000
3	Laundry work at Samudra Township	2	Commercial Complex Samudra	2500
4	Britannia Company	270	By Capacity Building and confidence building	9800
5	Bima Sakhi Yojana	6	By State Government	3000
6	Aggarbatti making Unit	2	Widow Women	1700
		296		



7 women of village
Sadau, Mangra and
Baroi Selected in Gram
Rakshak Dal by our
Coordination

Women Empowerment

Adani Foundation Mundra has received Order of supplying 10,000 sanitary pad per Month to Seven Public Health Centers of Mundra Taluka and 9 KGBV hostels at Kutchh District.



Feminism isn't about making women strong. Women are already strong. It's about changing the way the world perceives that strength.



Right now 8 Females are working for the same. In second phase after starting one more unit our capacity will increase approx. 700 pad per day – which will enhance income of them up to 4000 per month.



8 Females



1.50 lac

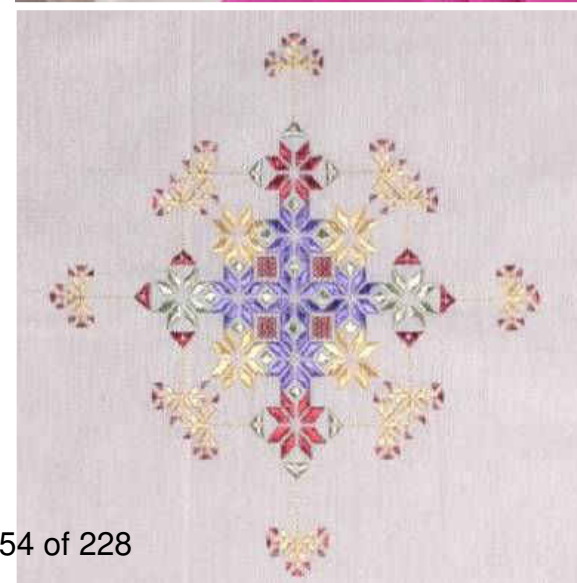
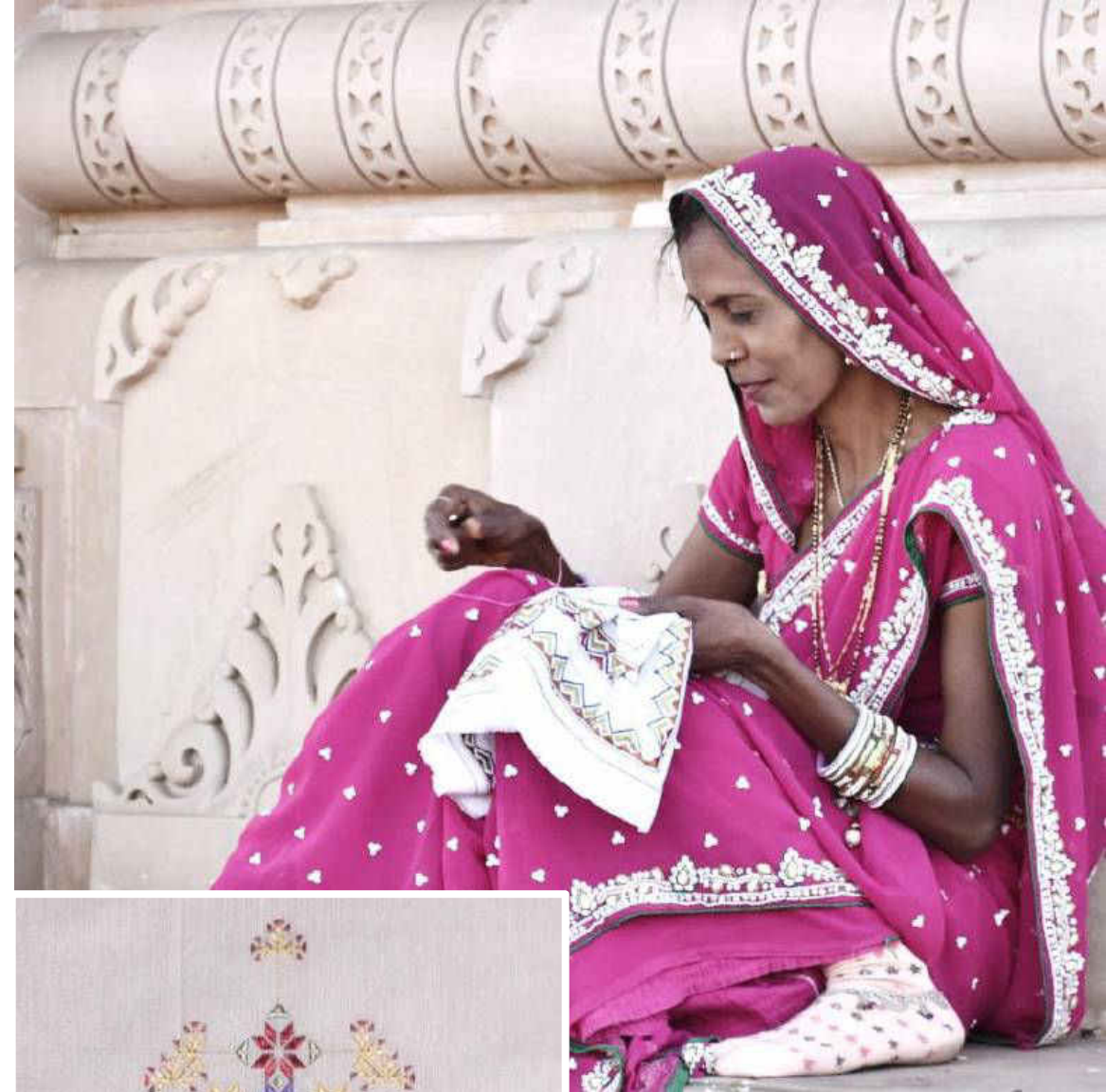
Women Empowerment

An initiative under the Sustainable Livelihoods Development Program to encourage women, take control of their own lives and increase their confidence whether they are single, married or widowed.



Total Sale more than Rs.4.50 Lacs and women are getting approximately Rs.8500 per month.

14 Women of Pragpar village are traditionally doing Suf Embroidery. We are on the verge of completion to development of Sahkari Mandali. After getting formal structure we could be able to sale products online with GST.



Community Infrastructure Development



Community infrastructure primarily refers to small scale basic structures, technical facilities and systems built at the community level that are critical for sustenance of lives and livelihoods of the population living in a community. Adani foundation has designed, planned and built a infrastructure community health, agriculture and living standards, all initiatives were fulfilled according to the needs of people of community.

Adani Foundation supports for infrastructure development on request basis. Adani foundation carries out the construction of prayer shade name "PRATHNA SHADHNA" at AVMB.



Construction of Prayer Shed at AVMB



Painting & Branding Old Strcture at
Old Bandar and Luni Bandar



Upgradation of Balwadi at Zarpara



Waiting place for Pgadiya at Navinal



Garden Development work



Road Side Beautification at Mundra.



S & F Benches In Various Location in Various Village



Construction of R.O. Plant Room at Primary School sadau Village



Construction of Shed at BRC Bhavan



Renovation Balwadi at Bavdi Banadar



Fixing of LED street light at Bhopawandh, Mundra & Bhorara)

Adani Skill Development Centre (ASDC) is playing a pivotal role in implementing sustainable development in the state.

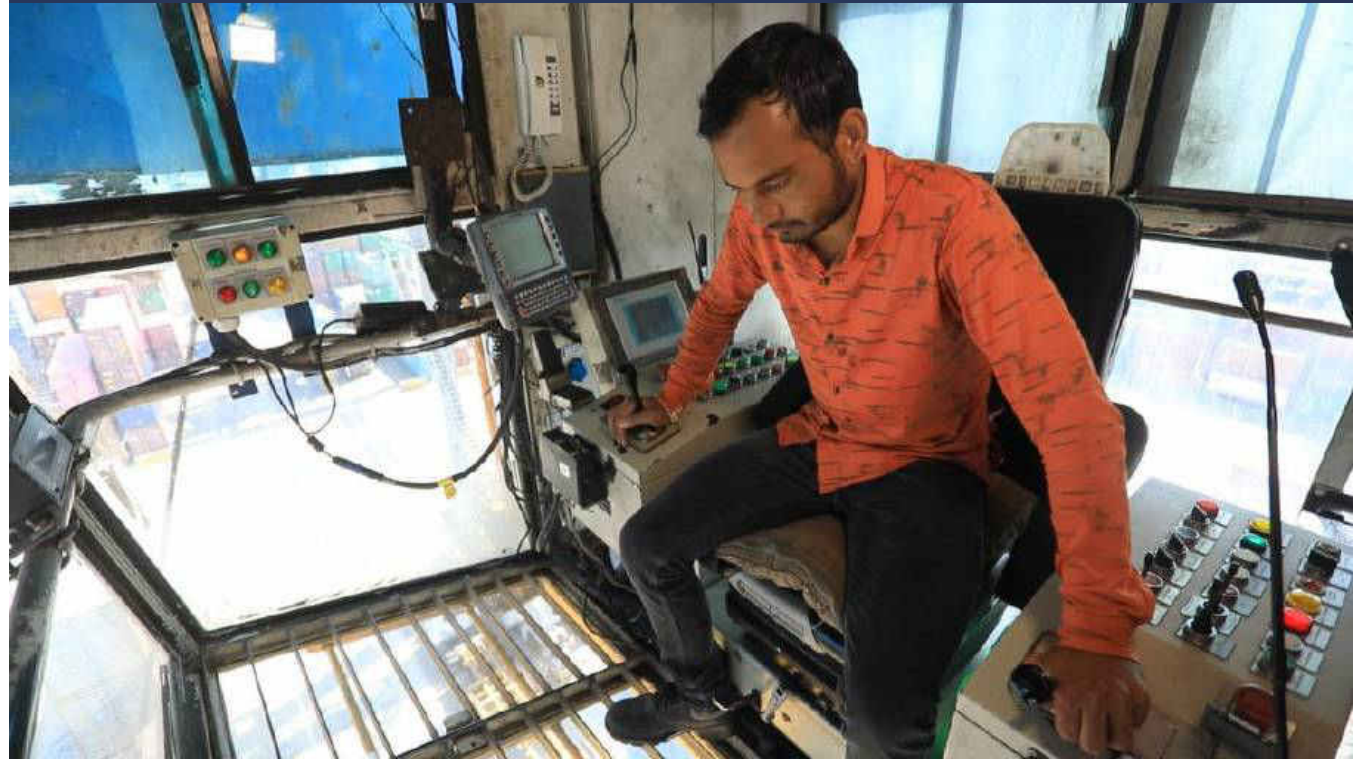
Several miscellaneous industries exist in Kutch district. Adani Skill Development Centre has started a center in Mundra block so that the needs of these industries are fulfilled, the local youth is enrolled in various training / skill courses and the distance between the both is minimized.

The objective of this Centre is to impart different kinds of training to the students of 10th, 12th, college or ITI from surrounding areas. Thus, various employment-oriented trainings are organized to optimize the skills, art and knowledge through proper guidance and direction.

During this year Total 2664 people trained in various trainings to enhance socio economic development.

Out of which more than 60% people are getting employment or Self Employment and average income up to Rs. 5200 per month. Digital literacy training is very helpful in coordinating with today's Digital world....

Adani Skill Development Centre



Adani Skill Development Centre Kutchh



Digital
Literacy
1119



Unarmed
Security
Guard
60



General
Duty
Assistant
188



Beauty
Therapist
465



Self
Employee
Tailor
262



JOC
60



Tally with
GST
34



RTG
24



MS Office &
Excel Training
26



Hand
Embroidery
197



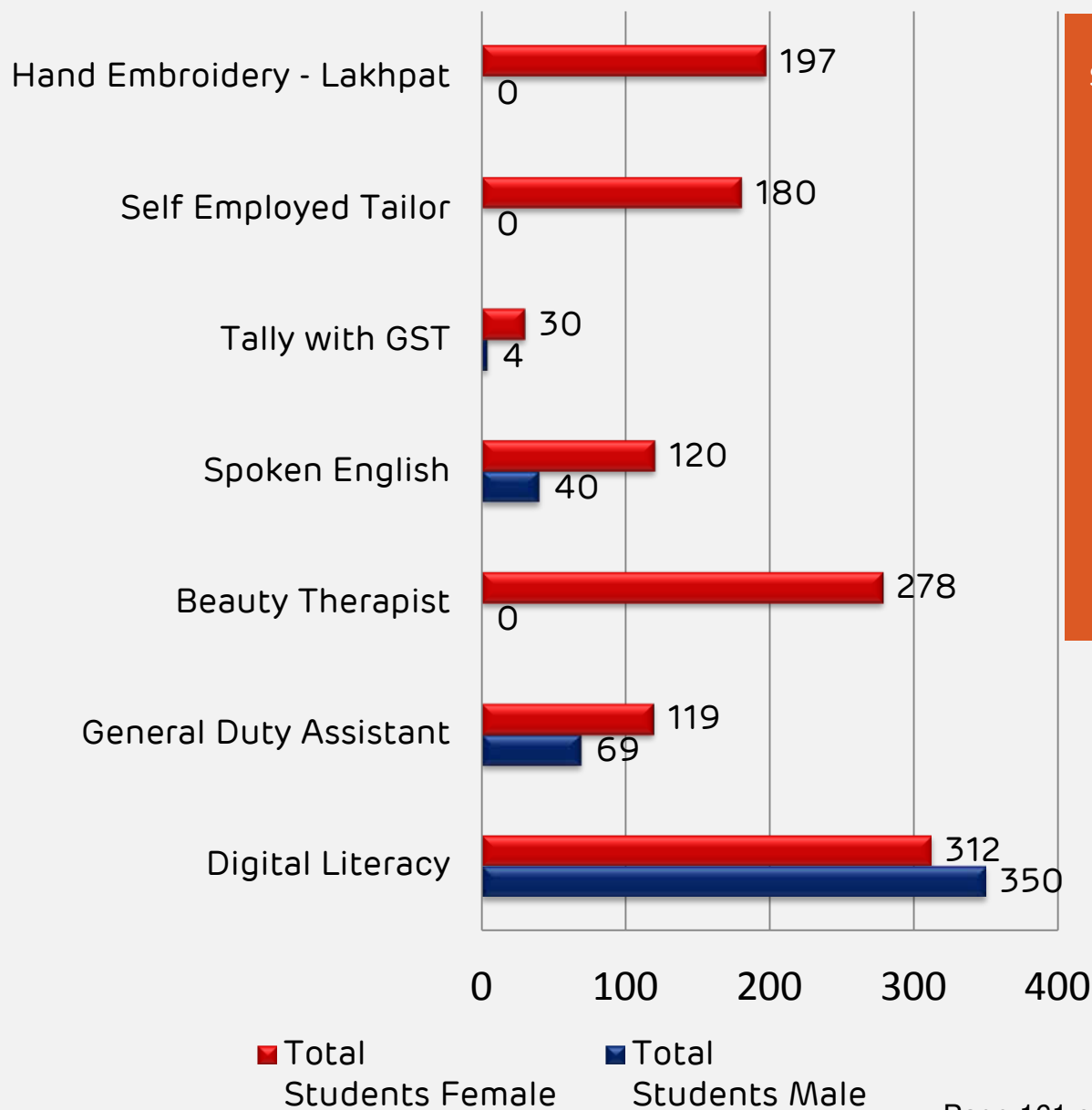
Spoken
English
229

Achievement : 2664

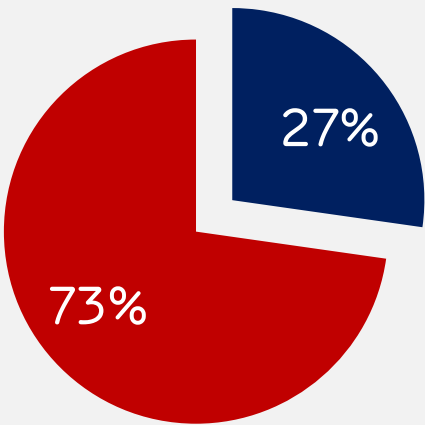
Total Batches: 126



In the year 2019-20,ASDC-Bhuj trained 1699 candidates.



Sr. No.	Name of Trade	Total Students	
		Male	Female
1	Digital Literacy	350	312
2	General Duty Assistant	69	119
3	Beauty Therapist	0	278
4	Spoken English	40	120
5	Tally with GST	4	30
6	Self Employed Tailor	0	180
7	Hand Embroidery - Lakhpat	0	197
Total	(1699)	463	1236

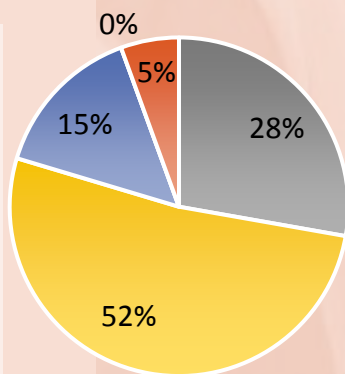


Adani Skill Development Centre - Bhuj

- Certificate Oriented Training Program: On Successful completion of the course and completion of Assessment organized by the Centre.
- The training methodology ensures a balance between theoretical concept delivery and emphasis on application of concepts through latest training pedagogical processes.

Placement F.Y. 2019-'20

- Digital Literacy
- General Duty Assistant
- Beauty Therapist
- Spoken English
- Tally with GST



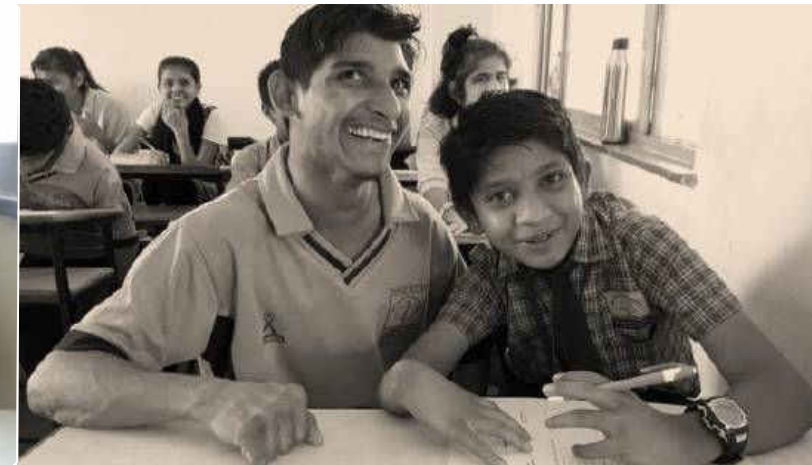
ADANI SKILL DEVELOPMENT CENTRE - BHUJ						
Quarter & Training wise Candidate Detail F.Y.: 2019-20						
Sr. No.	Name of Trade	Q-1_Total	Q-2_Total	Q-3_Total	Q-4_Total	Total
1	Digital Literacy	278	163	138	83	662
2	General Duty Assistant	60	0	68	60	188
3	Beauty Therapist	38	0	0	240	278
4	Spoken English	144	16	0	0	160
5	Tally with GST	12	22	0	0	34
6	SET	0	0	0	180	180
7	HE	0	0	0	197	197
Total		532	201	206	760	1699

- 52% students got the job in PMKVY GDA training.
- 28% students got job in Digital Literacy Course.
- 8 women self employed in Beauty Therapist Course.

Special Training for Widows

MOU signed between Govt. of Gujarat and Adani Skill Development Centre with an aim to provide quality skill training to widow women to become self-reliant and generate their livelihood.

Total 25 widow women has enrolled for GDA course training.



Special Training for Divyang

Digital Literacy, Beauty And Wellness And Spoken English Training for Physically Challenged Students under Social Welfare Justice Department at Navchetan Andhjan Mandal, Bhuj.

The trainings conducted by Adani Skill Development Centre, Bhuj for Differently Abled Students - Madhapar. Navchetan Andhjan Mandal has dedicated Computer Lab which consists of 15 computers with NVDA software to facilitate disabled students to learn efficiently.

124 students trained for Digital Literacy, Beauty And Wellness And Spoken English Training.

(Digital Literacy = 62, Spoken English= 40, Beauty & wellness= 22)

5 of them placed during the year.



Adani Skill Development Centre – Bhuj

One more feather added in cap of ASDC Bhuj Centre is PMKVY GDA Training Project Saksham – Adani Skill Development Centre completed Four PMKVY GDA Batches in Bhuj received with Four Star Rating in PMKVY certification.

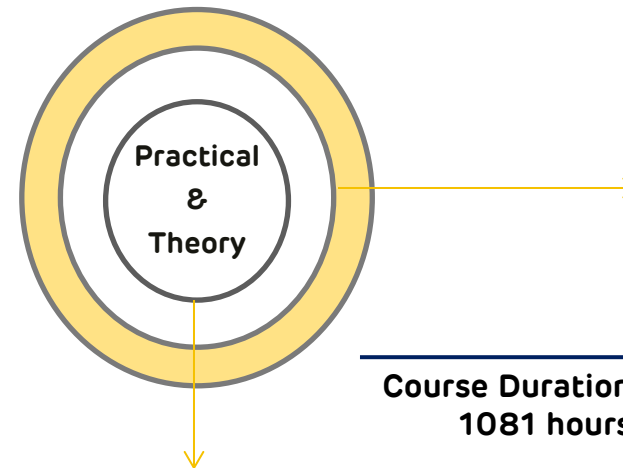
Total 120 Candidates trained till the date (F.Y. 2018-20).

In a year 2019-'20, 28 out of 60 (52%) candidates got the job in various medical departments. 55 candidates passed out of 60 people of PMKVY General Duty Assistant training.

ASDC Bhuj first ever Centre to implement successfully DDU GKY Project for GDA Training.

Total Hours	Domain (GDA)	Non-Domain (Soft-skill)	Non-Domain (IT)	Non-Domain (English)
1081	780	38	150	113

DDU-GKY is placement linked skill development initiative by ministry of rural development, government of India (MoRD).



**Course Duration
1081 hours**



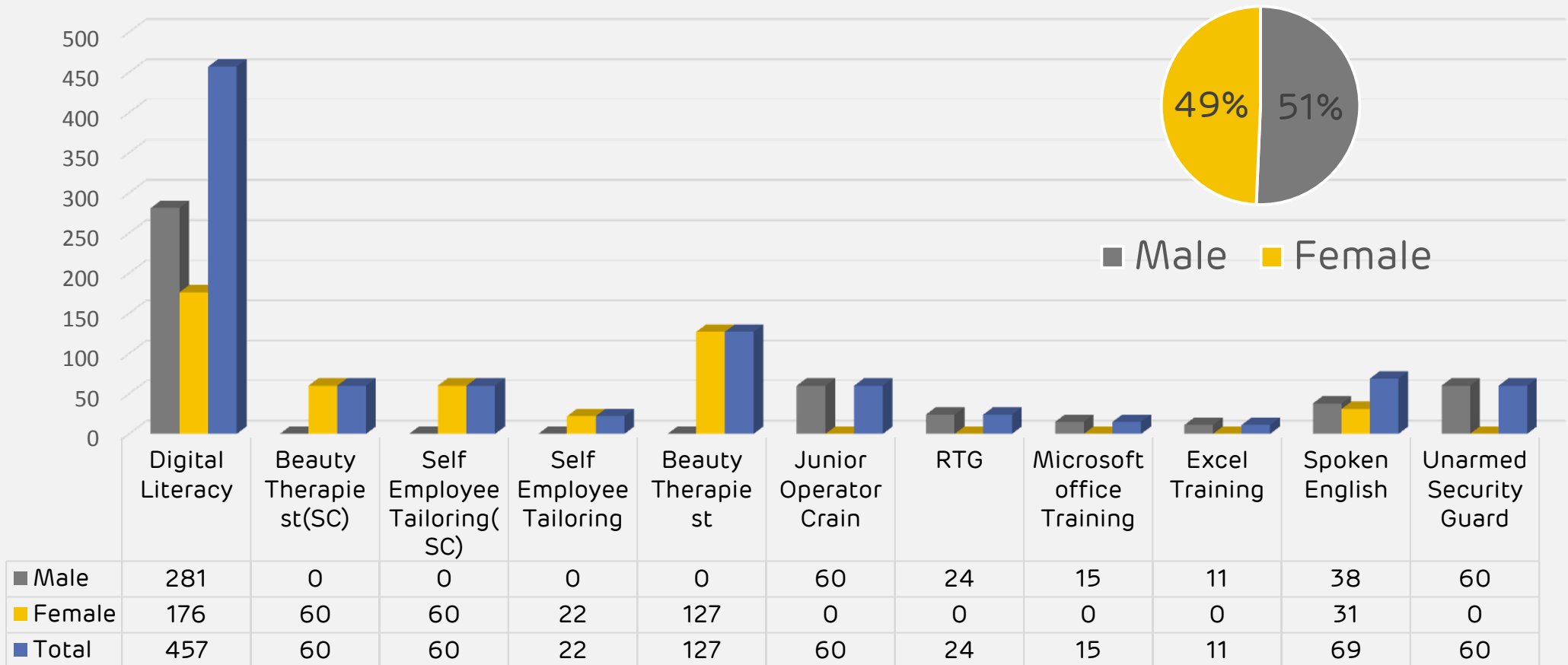
Total 60 Students have to attended 8 hours class per day.



In the year 2019-20,ASDC-Mundra trained 965 candidates.

Training Chart 2019-20

Gender Ratio



Adani Skill Development Centre – Mundra



RPL recognizes the value of learning acquired a formal setting and provides a government certificate for an individuals skill.

Candidates received an accidental insurance coverage for three years at free of cost.

Certified 27 assessor, 19 Trainer and 08 Assessor.

Started first loader-Unloader job role in Port.

Total Candidates registration 2500



- 42 candidates cleared PMKVY Junior Operator Crane exam out of 43.
- 21 candidates working in various company with 8000-15000 PM.
- 26 students got job in various company
- More then 30 women working as self employed.
- Mobilization activities for SC batches in various village and collage

Adani Skill Development Centre - Mundra

SC Project

Skill Development trainings to various weaker sections of Community

To deliver and promote employability

In collaboration with Department of social justice & empowerment, Gujarat



More than 100 trainees benefited under Self employed tailor training course at Mundra.

More than 300 candidates have been trained in various courses.

Swachhagraha



Adani Foundation has launched project "Swachhagraha" Swachhata ka Satyagraha in the year 2015, to support the 'Swachh Bharat Abhiyan'. Falling in line with our Honorable Prime Minister's call for a Clean India, we launched this mass movement towards making our Nation litter free.

On 9th October 2019 the Project handed over to all institute with a gentle promise to keep swachhagraha flame lighting. In this ceremony with the blessings of Shilin Adani mam Best Swachhagraha Schools awarded by District Education Officer, Kutchh

Swachhagraha at Kutchh

4 City / town

266 Schools

266 Prerak trained

5000+ Dal members



Swachhagraha Outreach



Swachhagraha
Wall



Toilet
Etiquettes



Large Scale
community events

Safai
Ke Sitare



Personal
Hygiene

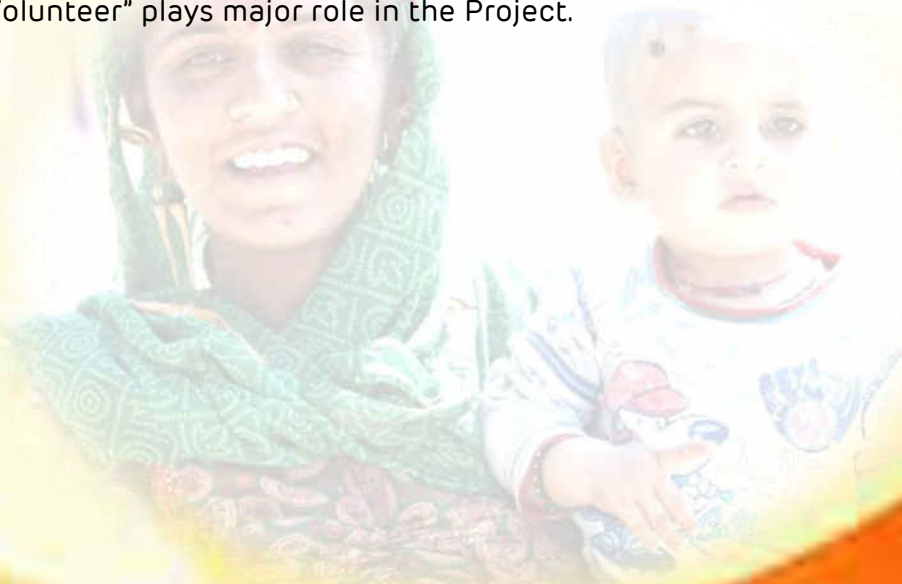


Suposhan

The objective of the Project is to reduce occurrence of malnutrition and anemia.

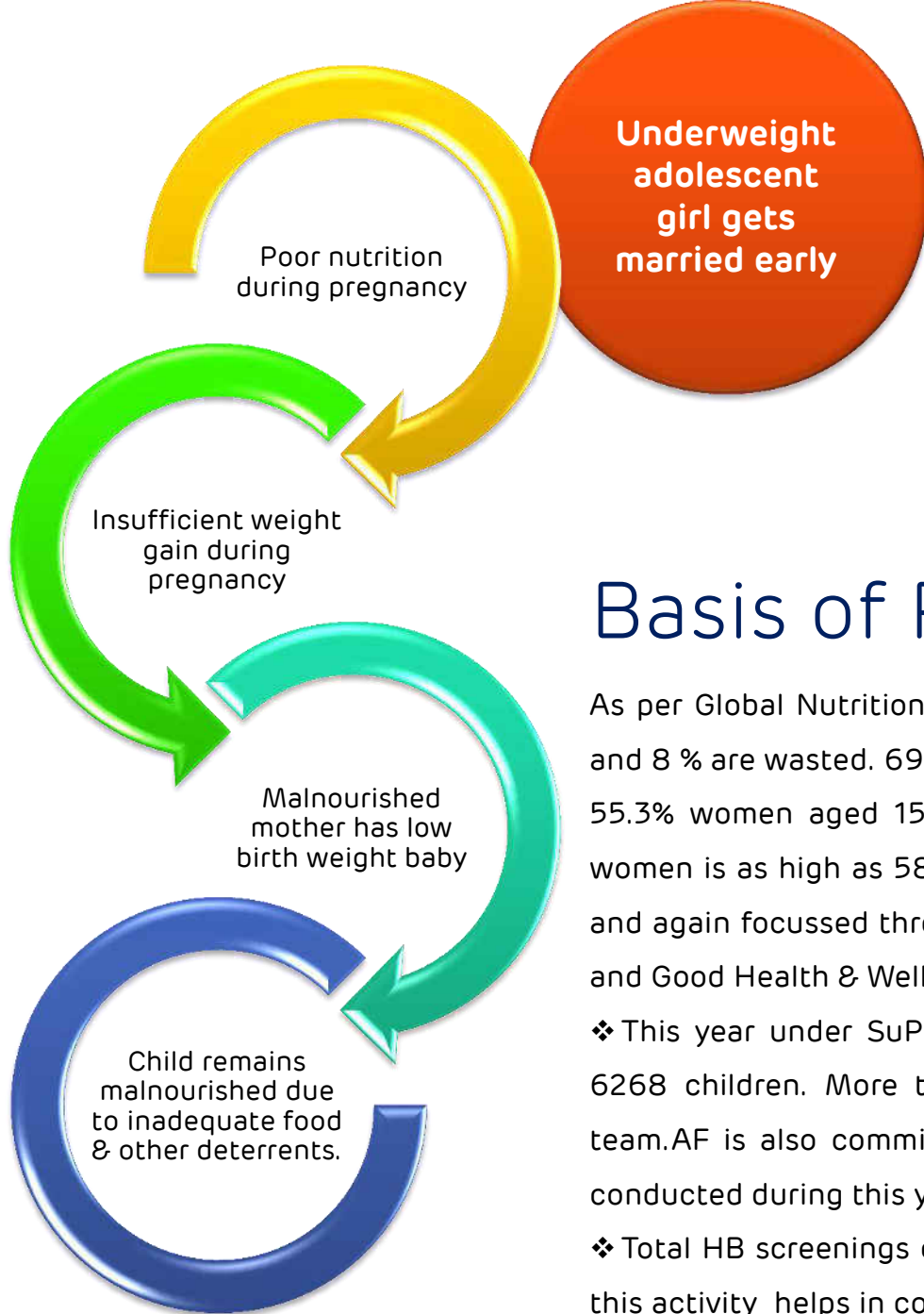
create awareness about malnutrition and anemia and related factors amongst all stakeholders and role they may play in curbing the issue.

To successful implementation of the project, "Sangini – Village Health Volunteer" plays major role in the Project.





Suposhan



Basis of Requirement

As per Global Nutrition Report released recently, Children below five years- 23 % Stunted and 8 % are wasted. 69.5 % children 6-59 months old, 55.8% adolescent girls aged 15-18 years, 55.3% women aged 15-49 years have Anaemia. Moreover anaemia prevalence in pregnant women is as high as 58.7 %) Curbing Malnutrition was part of Millennium Development Goals and again focussed through second and third Sustainable Development Goals on Zero hunger and Good Health & Wellbeing respectively.

❖ This year under SuPoshan project AF has conducted anthropometry study of more than 6268 children. More than 98 children became free of malnutrition due to efforts of AF team. AF is also committed to spread awareness in this regard. More than 2023 FGD were conducted during this year.

❖ Total HB screenings of RPA woman- 6598no and adolescent girls -10645no was this year. this activity helps in controlling anaemia in women and indirectly malnutrition.

Community Engagement and other Activities 19-20		
Sr No	Activity	Progress
1	Total Sangini	25
2	Total Village	45
3	Total Anganwadi Cover	72
4	Total Families	9178
5	Total Children	5736
6	Total Adolescent Girl	5067
7	Total Women (RPA)	9762
8	Focus Group Discussion	2023
9	Family Counselling	431
10	Village level Events	117
11	No of SAM children referred to CMTC	75
12	No of SAM children provided with Energy Dense Food (Only New children)	112
13	No of total HB & BMI screening - Women in reproductive age	6598
14	No of total HB & BMI screening - Adolescent girls	10645
15	Stunting Category (Changing)	18
16	Wasting Category (Changing)	25
17	Underweight Category (Changing)	55
18	Adolescent Girls with Anaemia (10-19 yr.) (Changing)	249
19	Women with Anaemia in reproductive age (14-50 yr.) (Changing)	272
22	Women in RPA provided with IFA Tablets	201
23	Adolescent girls provided with IFA Tablets	102
20	Sangini Meeting	17
21	Sangini Training	5
22	Total Anthropometric screening	6268



Implementation Strategy

Base line data was provided for Mundra Taluka in initial phase of Project.

- Total Number Aanganwadis in the selected area
- Information on Sub- canters / Primary Health Centres/ Community Health centres/ Referral Hospitals
- Availability of Healthy worker- male & female both, ANMs, LHVs, Doctors, specialists such as Gynaecologist, Paediatricians, Pharmacist, Dietician Lab. Technician, Nursing Staff etc. at above centres (Number & names with contact details)
- Selected areas' Birth rate, Death rate, Infant Mortality Rate, Mother Mortality Rate, Sex ratio, Child Sex ratio against district, state and national average
- Total number of beneficiaries and against that enrolled beneficiaries at Anganwadi/ICDS: 0-6 year children, Adolescent girls, pregnant women and lactating mothers
- Identified malnourished and anaemic children/ adolescent girls and women (numbers, DOB & name as well as current level of malnutrition & anaemia with dates- Base Line data)
- Current Inputs provided through the Government machineries
- Other services available through CBOs, NGOs etc.- Details of inputs and contact details of those organizations
- Understanding & Listing of area specific cultural and behavioural barriers



Expected Outputs

Community Health vertical at each location would focus on project on "Curbing Malnutrition amongst Children, Adolescent girls and Women "with combined approach of community management of Malnutrition and Anaemia and necessary medical treatment components.

- Each child and especially malnourished will be mapped with growth chart
- Regular inputs of RUTF treatment when necessary.
- FDGs with mothers and adolescent girls.
- Village meeting one in a month at every village
- Health camp every month
- Awareness campaigns.

Expected Outcomes

To reduce the occurrence of malnutrition amongst Children by 95 % in three years

- To reduce malnutrition and anaemia amongst adolescent girls and pregnant & lactating women by 70% in three years
- To create awareness about the issue of malnutrition and anaemia and related factors amongst all stakeholders and role they may play in curbing the issue
- To create a pool of resources to be utilised for combating the issue of Malnutrition and Anaemia
- To support efforts in reducing IMR and MMR

Project Swavlamban

Project Swavlamban Launched with blessings of differently abled people of MUNDRA TALUKA.

Our objective is

- To increase awareness about Government schemes for Divyang people, widows and senior citizens and coordinate them with Social Welfare Department, GoG
- After getting income generation equipment support - Proper training provision to make them self-reliant in true sense!!
- Adani Foundation is playing the role of facilitator in case of tie up with Government Scheme for Widows, Senior Citizens and Handicapped people. The identity cards are issued for the handicapped in coordination with Bhuj Samaj Suraksha Khata which is beneficial for them to get specific kit for their disability type. Uoto date 1094 beneficiaries linked up with pension scheme.
- The financial benefit of the senior citizen Yojana is Rs. 500 per month and the widow scheme is of Rs. 1250 per month. Jilla Samaj Suraksha Officer and team remain present every time.

No	Type	Beneficiaries	Financial benefit
1	Palak Mata Pita	6 x 3000	18,000
2	Widow	74 x 1250	92,500
3	Senior Citizen	79 x 750	59,250
	Total	533	1,69,750



Project Swavlamban

Government and Adani Foundation both have supported Total 1094 Beneficiaries of Amount Rs. 15,44,100.00

Govt. shemes	Mundra Taluka	Rate	Total Amount
Artificially foots	14	15000	210000
Artificially Hand	1	5000	5000
Blind satick	7	200	1400
Bycycle	9	4500	40500
Crutches	4	200	800
Hand cart	4	5000	20000
Hearing Aid	13	3000	39000
M.R kit	20	500	10000
music	1	500	500
Pension	4		0
RTE Admission	1		0
Sewing Machine	30	5000	150000
Tricycle	33	6500	214500
Walker	3	1000	3000
walking satick	12	200	2400
Wheelchair	26	4000	104000
Bus pass	392		0
Medical certi	401		0
Total	975		801100

AF Support	Mundra Taluka	Rate	Total Amount
wheelchair	30	4000	120000
Cabin	5	15000	75000
Fridge	1	18000	18000
Fruit Shop	2	8000	16000
Grocery Shop Item	4	5000	20000
Hand Cart	2	9000	18000
Harmonium	1	10000	10000
Rikshaw	1	80000	80000
Sewing Machine	16	5500	88000
Tricycle	25	6800	170000
Wheelchair	32	4000	128000
Total	119		743000



CSR Tuna

Adani Kandla Bulk Terminal Pvt. Ltd. is joint venture of Adani Ports and SEZ Limited as well as Kandla Port. We are going to implement drainage pipeline for Tuna and Wandi with participation of Kandla Port in current year. Survey is done and work will be started soon..

Adani
Kandla
Bulk
Terminal
Pvt. Ltd.

CSR Tuna

- In Rampar and Tuna Village We are providing Fodder in summer season. Also guiding farmers for modern farming techniques for Organic Farming and sustainable Agriculture
- Praveshotsav Kit is distributed in 8 schools covering 180 Students in Tuna and Surrounding seven villages.. Our efforts were appreciated by community.
- Adani Foundation is bridging the gap between Government Schemes and Beneficiaries. This year we could able to support 5 widows and 4 differently abled to avail benefits of Government. Tree Plantation and 4 health camp was organized in Tuna and Rampar Village.



CSR Nakhtrana

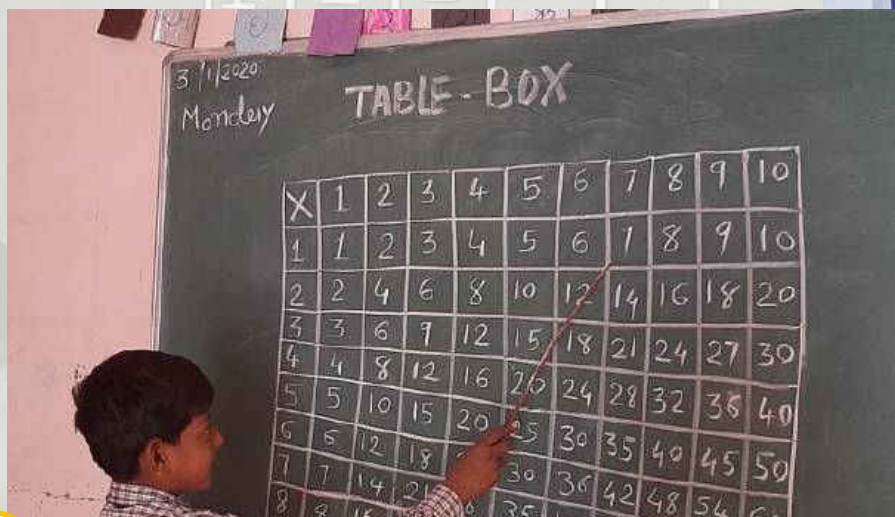


Adani Green
Energy
Limited
(Nakhtrana)

CSR Nakhtrana

Adani Green Energy(MP) Limited (AGEMPL) proposes to setup an integrated wind energy project as Green Energy Works which includes Limestone 750 Mw, Through approx. 1250 windmill at Dayapar to Nakhtrana in District Kutch (Gujarat). Foundation, in cooperation with respective Block Agriculture Departments during the PRAs, regularly conducts various training programmes for the farmers. They have been introduced to various innovative and cost-saving practices in farm cultivation.





Community Health - In Coordination with GKGH 2 Specialty Camp, Eye Camp and 3 General Health Camp was organized. Total beneficiaries is 572.

Adani Foundation has initiated **Project Utthan** – at 8 Schools at Nakhatrana by signing MOU with District Education Department. Frame work of the Utthan Project is as per Utthan Mundra.

Project Svavlamban – Started Svavlamban Center at Nakhatrana Town to make widow and Divyang Women Sustainable though Stitching work. We have supported 5 stitching machine and material for fund rotation.

In Community Infrastructure Development work we have taken up work of Road Levelling and Culvert Construction at Gadani Village. Main reason to initiate the project is - During Monsoon Period difficult to use road for farmers and School Going Children of Vadi Vistar and Due to water logging excess water enters into farms which affect development of crop. Approximately 80 farmers and 70 School going children will be beneficiaries of the Project.

The work will be resulted into Construction of Pipe Culvert and Road Levelling work at Vadi Vistar at Gadani Village with Outcome to Easy Approach for Farmers and Students of Vadi Vistar School during monsoon Period.



CSR Lakhpat

Adani
Cementation
Private Limited
(Lakhpat)



Adani Cementation Limited (ACL) proposes to setup an integrated cement project as Lakhpat Cement Works which includes Limestone Mine in 251.9 ha area, Cement Plant of rated production capacity of 10MMTPA Clinker and 3MMTPA of OPC/ PPC/ PSC/ COMPOSITE CEMENT in three phases, and a berthing jetty of 15MMTPA traffic capacity in phase wise manner in Taluka Lakhpat of District Kutch (Gujarat).

Project Public hearing held in month of May 2019. For Smooth Execution of the Project we have done Participatory Rural Appraisal and Village Development Committee formation at three nearest villages (Koriyani, Kapurashi and Mundhvay) of our upcoming cement plant.

Linkages with Govt. Scheme

Wheelchair support – 2

Tri cycle support - 3

Divyang Form – 2

Education Support

Music Kit – 4

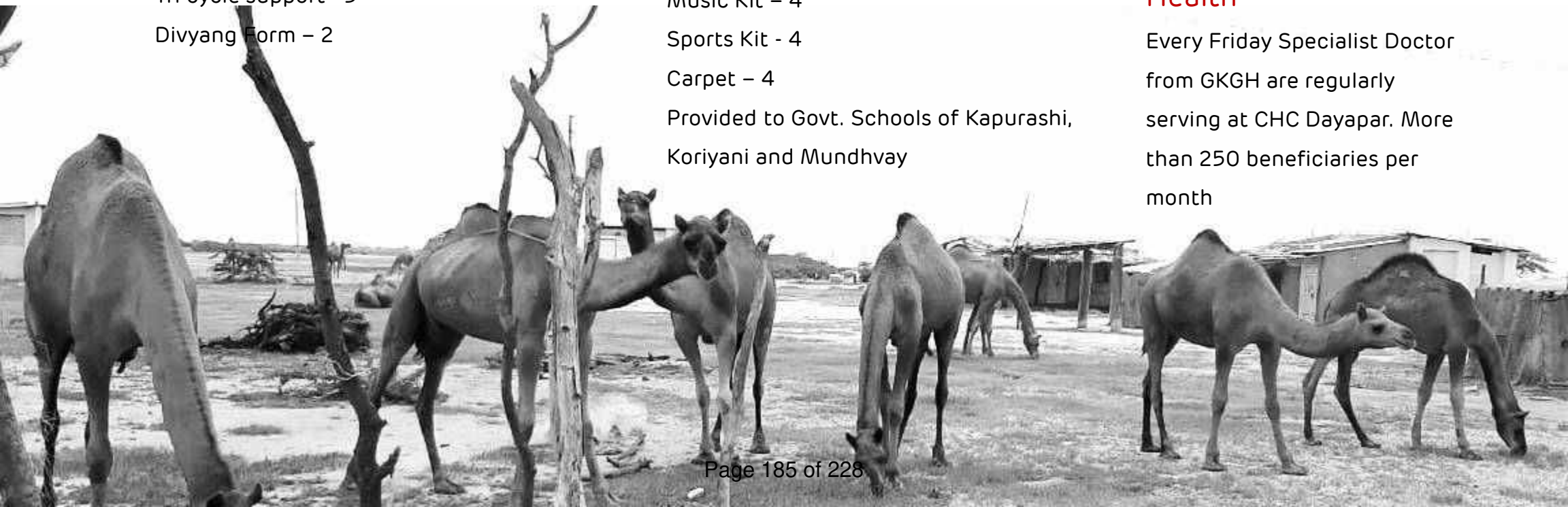
Sports Kit - 4

Carpet – 4

Provided to Govt. Schools of Kapurashi, Koriyani and Mundhvay

Health

Every Friday Specialist Doctor from GKGH are regularly serving at CHC Dayapar. More than 250 beneficiaries per month



Fodder Cultivation

Most of the population of Lakhpatt depends upon livestock for their livelihood. Fodder is the prime requirement of them. Adani Foundation had distributed Jowar seeds after considerable rain to 260 Farmers to motivate them for sustainable Livestock development.

The Problem

- ❌ Scanty rainfall
- ❌ Deficit of fodder availability
- ❌ Fodder only available on high rates.



299 acres
under fodder
cultivation



Expected Yield:
747.5
tonnes

The Solution

- Encourage farmers
- ❌ To grow grass as fodder
 - ❌ To cultivate jowar as fodder harvest
 - ❌ Village level grassland development



World Disable Day celebration

Celebrated World Disability Day - Swavlamban center opened at Dayapar for disable and widow women.

Support 10 tricycles and 2 wheelchairs and 9 artificial limbs to disables.

Adani Solar Energy Private Limited (Bitta)

CSR Bitta

Under Adani Solar Limited – 40 MW Solar Panel Power Unit is Situated at Bitta Village in Abdasa Taluka. We are providing Fodder Support and Health Camp Facilities at Bitta. Our Suposhan Project is running successfully at Bitta..

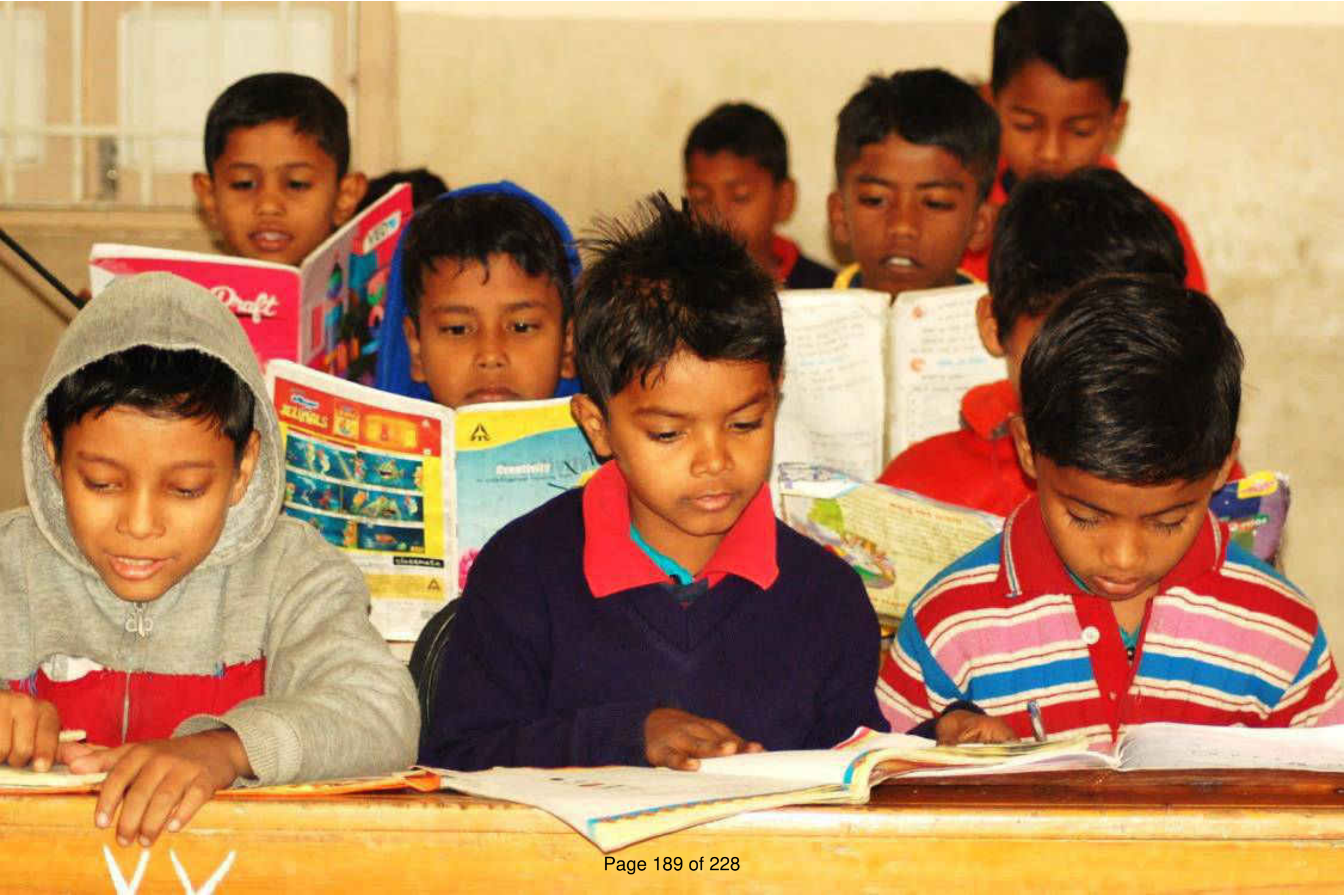
Adani Foundation has taken Eco Friendly initiative for whole village. Village street lights, School and GP is provided Solar Panel to save electricity. The unit was conceptualized and implemented by Solar Team.

As Abdasa is water scared region and very less rain in past years , as per humble request of villagers Adani Foundation has provided 1,13,750 Kg Fodder to Bitta, Dhrufi and Moti Dhrufi village.

Under “Sujlam Suflam Jal Abhiyan” Two Pond Deepening was carried out and got appreciation letter from District Magistrate.

Praveshotsav Kit is distributed in 8 schools covering 47 Students in Bitta and Surrounding seven villages.. Our efforts were appreciated by community.





Employee Volunteering Program



704 children in the school are from families of migrant labourers working in various industries in and around Mundra. Children from migrant labourer families in addition to resource constraints at home also bear the disadvantage of unfamiliarity with local language and culture inhibiting participation in school.

Current year 997 students have been adopted – which is matter of proud. To make employees connected with children Vallabh Vidyalaya regularly send progress report twice in a year. Process of cheque handing over ceremony is delayed due to corona virus issues.

Employee Volunteering Program



International Yoga Day Celebrated at Shantivan Colony ground where 2100 students have participated from different Government School.

More than 500 Employees participated and HR Department has coordinated whole event. Chief Guest of the Event was Mr. Sunil Singhi Chairman, Labour welfare board, GOG

We distributed 250 hooks to employees residing at Shantivan colony. Hook is the thin rod of steel. In this hook all will collect plastic bags. After three months we will collect all bags and give to Suzlon for recycle will made PVC Horse Pipe. I.e **"Waste to Best"**. Employee's family members became determined for not using Plastic bags.

For motivation purpose facilitation of employee was done by Mrs. Vinita Rai (President, Ladies Group –Shantivan Colony)



Employee Volunteering Program



Periodic Support to Old age home at Gundala where total 105 Senior citizens are living.

Till Date 36 Adani Employee have celebrated Birthdays or any memorable day with senior citizen by sponsoring and servicing for lunch/dinner facility

Dignity of workforce day was organized jointly of APSEZ (Adani ports n SEZ Limited), AWL(Adani Wilmar Limited), MSPVL (Mundra Solar Pvt Limited) Adani Hospital and Adani foundation at labour colony with medical camp and handing over of sanitation. more than 32 employees have volunteered in this event.

1. **Total OPD by Medical camp at Labour colony- 760 (5 Camps)**
2. **Joy of Giving Week Cloth Distribution to 800 workers**

In this event Mr. Sharad Sharna Head-AWL with staff, Bhaktbandhu DGM HR and Admin staff (APSEZ), Mr. Ganesh Sharma Head HR, President - Kutch Labour Union and Adani foundation team remained.





Our Change Makers

"I have a Disability yes that's true, but all that really means is I may have to take a slightly different path than you."

We always complain to God, for life, for appearance, and for so many others. But today I am talking about Rubina, a young girl from Deshalpar village. Rubina has a unique personality, who, despite being unable to speak or listen, always she faces these physical shortcomings with a smile.

somehow Rubina found about Adani skill development beauty therapist course and she decided to join this course. when she joined the there was question in everyone's mind, is she enabled to do this course, how she will manage, how will learn, ask questions, listen etc. but she proved wrong to everyone. like miracle happens, she completed her training very smoothly. not just completed but she was very active and enthusiastic during training.

today she has started her mahendi studio, the amount of earning is not so much high, but the satisfaction is up to sky.

At the end she smiled and said

"Don't compare your struggles to anyone else's. Don't get discouraged by the success of others. Make your own path and never give up"



Suf Handicraft : Conserving “VIRASAT” of Decades

Parvati Ben's earliest memory of stitching delicate handicrafts is from when she was as little as 5-years-old. Since then, she has followed this art with an immense dedication that shows through her intricate and precise handiwork.

Parvati is a resident of Pragpar-2 village. She lives in a house with 5 other people and is the sole breadwinner. Even so, Parvati is a humble, loving and welcoming individual.

Parvati Ben had been practising her intricate Suf handicraft all along, making scarves, table cloths, garments and more for her fellow villagers and the occasional visitors. Her artwork had consistently been worth more than what she sold it for- her only desire being that her art finds an expression, a space in the world, however small it may be.

One day, Adani Foundation discovered this diligent, rigorous woman. Parvati Ben now works on projects brought to her by Adani Foundation and is hence able to sustain her entire family on her own. She has risen to be an aspirational figure, looked upon as a role model by her fellow village women. Parvati Ben is playing a major role in now setting up a federation for the village women across Mundra district to practise their handicraft work and earn a livelihood.

But more than all the titles and positions, what Parvati Ben deems sacred is the sheer recognition of her art. All she ever wanted was to be known as an artist and now she is the voice of this very own art, inspiring dozens of women like her to become independent.



Our Change Makers

When Miracle happened !!

One mentally disabled boy named Gyan was residing in one small village Bihar. During makarsankranti festival Ganga Snan he was going with his family. By mistake he entered in different train n reached to Bhuj.

As for any Train coming in western India Bhuj is last station and that's why many mentally disabled people found out in Bhuj.

27 years old Gyan was alone in Bhuj - he used to beg and eat, too tough life !!

After passing two months anyhow, One day due to small accident he was brought to Adani GKGH. During treatment, one smart para medical staff found out mobile number in tattoo drawn on his hand.

Staff members of GKGH called on this number and ask his family to come Bhuj.

Finally Gyan meet his family n back to his home.



Our Change Makers

Healthy Children Become Happy Children

Under the initiative of Balwadi at Vasahat (doorstep Early age Education for less Fisher folk), special awareness camps are organized for kids in school in order to imbibe health seeking behavior in the next generation. Various awareness activities based on healthy living are taught to them such as hand-washing steps and healthy eating habits so that they actively participate in adopting methods for personal hygiene in their daily routine.

Yamina is one of the student of Balwadi. She is five years old. Earlier she used to come to Balwadi without taking bath or hair combing. But after regular awareness camps for mother and students now she is coming well dressed and clean – due to maintaining personnel hygiene she remains healthy too..





Our Change Makers

Every Dark Cloud has Silver Lining

Ms. Ramila Maheswari belongs to village Dhrub. Her father's occupation is farming. She has completed graduation and was searching job but lacking in computer operation skill.

Ramila says one of my friends suggested me to join digital literacy training at Adani Skill Development Centre, Mundra. I visited the center with my friend and joined class. I sincerely attended all classes of the course and learnt basics of computer operation viz; Typing, Paint, MS Office (word, Excel, power point), shortcut Keys and using internet for web browsing like; Gmail, Paytm, amazon, net banking etc.

She is saying with smiling on face that

"Today, I am working with firm "YASH ENTERPRISE" in Nana Kapaya, Mundra as a customer care executive and earning Rs. 7000 per month. I am really thankful to Adani Skill development Center to make 'SAKSHAM'.





Our Change Makers

Pathways towards bright future !!

Kripalsinh Jadeja comes from Hatadi, Mundra with a family of 5 people, four elder brothers and parents. His father is a farmer and mother help him in farming. The brother is working as truck driver. The economic condition of the family was very poor.

Kripalsinh has completed 12th and was searching job. The team of ASDC Mundra had mobilized in the area where he stays and through which he got to know that Adani Skill Development Centre (ASDC) is providing training for checker-cum- RTG crane operator and this was his dream job.

He performed well during the training and understood how this training would help him to grow in future in the field he desires. He was regular to the classes and always eager to know the process well and he performed well during all the activities.

Kripalsinh says he gained back his confidence after starting the training and was motivated by the trainer to participate in all activities and grab any opportunity where he can showcase his skills.

He says that he got more support by getting additional training of soft skills, public speaking, professional manners and facing interviews with confidence.

While undergoing the ASDC training Kripalsinh never imagined that this additional knowledge and skill up gradation would bring him a bright future.



Our Change Makers

My Emotional Support

Adani Foundations' Senior Citizen Health Card is like a cure to our emotional, physical and psychological problem; in the times when we are completely lonely and handicap at age."....Says both of them while weeping.

Every human being has specific periods of the life wherein the childhood is for fun and the adulthood is spent for the family; remains old age to take care of health Adani Foundation is holded hands of the senior citizens of Mundra Rajendrasinh and his wife stay alone. Their son and daughters stay separately. They earn their living by grazing cattle. he is having severe arthritis and respiratory disorder. The source of income is very meager and that to dependent on rain. He had to borrow money from family friends or at times take on interest for taking basic treatment. His wife Shantaba also has blood sugar and hence she also requires medical assistance at times. The couple took Adani Foundations' Senior Citizen Health Card in 2015 by which they are able to save good amount, which was their medical expense every month.



Our Change Makers

Can any other relationship be as beautiful?"

When you grow old, loneliness is sometimes more painful than physical sickness. During routine visits of Dr Deven Goswami – Medical Officer of Rural clinic in Siracha the community as a health volunteer, he met Parma Ba (grandmother in Gujrati) who initially appeared as an introvert. She lives in Siracha Village. According to her neighbors, she confined herself within the four walls after her husband's demise. Despite living with her children, she is often seen sitting alone in the corridor of her house, as the family members are apparently busy with their own lives. Financially strained, she refrained from visiting a doctor due to fear of their exorbitant fee.

Dr. Deven was determined to not only get her to Rural Clinic, but also cultivate a health seeking behavior in her. He would keep on standing outside her house till the time she didn't agree to listen to his request. Do you know something? Ba is his best friend today. They not only share our secrets with each other, but also counsel each other as a mother and a son. Can any other relationship be as beautiful?"





Our Change Makers

Good Human Beings are Gods Incarnate

While many people talk about water crisis and drought in Kutchh, Rambhai Gadhavi of Zarpara has practically found and tried a solution to it and that is water conservation. Born into a poor farmer's family, he faced water problems in childhood and used to wake up at wee hours to fetch water, which inspired him to find ways of water conservation. Under Guidance and Support of Adani Foundation He practiced non-irrigation agricultural methods as solutions to water crisis which causes drought, thereby leading to Indian farmer suicides every year.

He did Bore well recharge and Farm Bunding to increase capacity of ground water through rain and to prevent run off. Not only that, he gave guidance to other farmers to accept water conservation practices.

Rambhai and his wife Veerbai's enthusiasm is remarkable in micro irrigation, fodder cultivation and Recharge activities. They are real change makers of "Sustainable Agriculture Projects" of Adani Foundation





Our Change Makers

Every drop that matters!

Kutchh district is a dry temperate zone and rainfall is negligible. Water requirement is met through the reservoirs in which the water decreases during summer months when crop is standing in the field. Whatever irrigation was provided resulted in soil erosion leading to loss of huge quantity of soil every year thereby increasing the farmer's problem in producing good quality crop. Therefore, usage of water and land is to be done sensibly by the farmer. Muljibhai The farmer of Navinal Village attended awareness programme of micro irrigation and organic farming organized by the Adani Foundation and showed interest in adopting the same. He was given every suitable help in subsidy and was persuaded into adopting drip irrigation for field crops.

Not only this, with support of DRDA and Adani Foundation he had adopted Bio gas which is utilized for cooking and organic fertilizer as well.

With the help of drip system, the Muljibhai was able to diversify towards different Horticulture crops like Pomegranate, Jamfal, chikoo etc. in addition to traditionally grown crops like Cotton and Caster. As a result, he is able to get 40-45% higher yield as compared to flood irrigated crops. Diversification has helped in improving returns from the same area.



Our Change Makers

Reenaben is making patients smile with compassionate care

Reena Amal has literally put his wise words into practice. An ambitious and determined girl, she was pursuing B.A. when tragedy struck. Her husband died of a heart attack leaving her widowed at the age of 24 with two young boys to raise. Unable to get support from her in-laws, she had to move back into her parents' home. In spite of being unsure about the future, her love for her children gives her new hope every single day. Her desire to provide them with a good education and a stable life fuels her to aspire for more. So, she joined ASDC's General Duty Assistant course and hasn't looked back since then.

Reena proved to be a dedicated student throughout the course. She impressed her trainers with her zeal to learn. She soon completed the course and became a successful patient care assistant. Currently, she is working at the G.K. General Hospital and earning salary of Rs. 9900/- pm in the OPD under the guidance of a dietician. She is learning how to prepare diet charts according to the needs of various patients. She is most grateful to ASDC in Bhuj for giving her this opportunity to become self-reliant and care for her children. Reena has truly risen above tragedies and obstacles in life by immersing herself in a life of serving and caring for others!



Our Change Makers

Dilipbhai says “ Digital Literacy training has given a boost in my life.”

“Change occurs at every turn of the page of life.”

I am providing outsourcing services of Administration in G.K General Hospital, Bhuj. I am 40 plus and I have observed the IT wave and Artificial Intelligence has proved as boon in healthcare industry. Young colleagues at work are using their IT skills to make ease at work but growing Digitalization also brought many challenges for middle aged people like me. I enquired about Digital literacy course to many places but couldn't found the quality training centre. In Adani Skill Development Centre, I have not only improved my Ms office and typing skills but also found effective and time saving techsavy solutions for day to day time consuming activities. Dilip Joshi





Our Change Makers

Adani helped me to live with dignity !

Bhadreshwar is a well known village due to Suradas family, the generous donor Jagdusha and Jain temple Vasai Tirth ! Here we want to introduce a couple of this village who are blind ! Yes, Khetshi Chande and his wife Manglaben who live in this village with their daughter Trupti. His only source of income was the government pension. Once when Khetshibhai was with Karshanbhai from Adani at Mundra bus station, he sung few lines describing his own life. "Nach nachavya che ghana ne, aaj hu khud nachi rahyo chu, didha nathi pan devdavya chhe daan ghana ne, aaj khud yaachi rahyo chu; prabhu tari aa lilaa, jem tu ramade em rami rahyo chu !" which means once he was helping others and today he is asking others for help.

When Karshanbhai visited his home, he came to know that once upon a time Khetshibhai was having a small shop but due to less sell he stopped it. At this moment instantly Karshanbhai proposed Khetshibhai that he should start once again his shop and for that Adani would support him. This proposal made Khetshibhai very happy but than he asked if he could get any help from someone who could support him to buy grocery worth 10 thousand. Karshanbhai told him that he would put it in "Self reliance program" by Adani foundation for sure. After few days on the birthday of honorable Mr. Gautambhai Adani, there was a celebration at the school in Bhadreshwar on 24th May, 2018. In this celebration Khetshibhai was handed over a grocery kit which he was in need by Panktiben from Adani foundation in presence of Sarpanch and citizens.

Today Khetshibhai is running his shop at Maheshwarivas of Bhadreshwar village with all dignity ! He is happily earning around 2000 per month and is able to send his daughter to Adani vidhya mandir where she is studying in 7th ! This happy family is always blessing Adani foundation for helping needy people !



Our Change Makers

Pathways towards self Dependency!!

Tunda is a small village of Mundra block. Gorighar Goswami is pujari of Lord Shiva temple and he lives with his wife Anitaaben, three children and his mother. Gorighar was doing need based works in various companies for earning purpose and with that income he was fulfilling his family needs ! Ones when Gorighar was returning from other village an accident occurred with him and he died on the spot. When this news came to his family, it was unbelievable to them.

Adani foundation respects all the invitation from the village but whenever there is any incident of sad demise, Adani foundation is there for sure to consulate. A staff member of Adani foundation went to their home and gave consolation to Anitaaben and promised her to help her .

In the next visit Devalben recognize the economical condition of the family as after him no one earning member was there in the family

We always believe that if something is there in your luck, no one can take it away from you. Life teaches us that you will get whatever is there in your luck but not without your own efforts ! Anitaaben is a person who was ready for every efforts to help her family ! This keen interest of this woman was noted by Adani foundation ! Anitaaben was allotted a stitching machine in presence of CSR head of Adani Panktiben and Sarpanch of village Abdremanbhai Kumbhar.

As she was having knowledge of stitching, this stitching machine gave her a lift and she started her work with more force ! Today Anitaaben is well known for her traditional cloths stitching and she is getting more and more orders from her village ! When she came to know that TATA power company is in need of lots of cloth bags, she grabbed the opportunity which helped her to earn good amount ! Today she is earning around 8 to 9 thousand which is enough to run her family very well ! She said, "Due to Adani foundation I have started not only earning very well but it has changed my life thoroughly ! On behalf of all women like me I would like to thank Adani Foundation !



World Environment Day



555+ Tree plantation in Bhuj, Mundra & Nakhtrana Taluka on world Environment day

9000+ cum Augmentation and deepening work of check dam in Mandvi & Lakhpat Taluka

World Environment Day was celebrated in Five Talukas by different activities related to conservation of Environment. These Events were organized in coordination with DDO, TDO, SDM and Village Leaders of all Five Talukas. The activities Tree Plantation, Check dam Augmentation work, Inauguration work of Godhatal Dam Deepening work. 11000+ Tree plantation during year in Bhuj, Mundra, Nakhtrana, Anjar, Lakhpat, and Mandvi Taluka



International Coastal Clean up Day



Mundra Adani foundation MUNDRA has celebrated swachhagraha related International Coastal Clean up Day celebrated with Coast Guard" with theme swachhagraha.. School students, Coast Guard staff and Adani foundation staff had cleaned Mandvi beach and give a message of swachhagraha.. At the end information given about swachhagraha project

Teachers day celebration in coordination with District Education Office and District Development Office with Adani Foundation - District Level Best teacher Award on this auspicious day.

13 teachers is selected after screening by DEO Office and tofay award will be given in presence of DEO, DPEO and Vasan bhai Ahir Minister Gujarat .

Teacher's Day : Guru Vandana





Rethinking about future of plastics

National conference on current status n Rethinking about future of plastics was organized at GUIDE – Adani Foundation was partner of the Event.

We have presented our efforts for changing mindset for No plastic awareness campaign..

Plus We also shared mangroves biodiversity project with GUIDE and given book to all present dignitaries



International Volunteer Day (IVD)

International Volunteer Day (IVD) on 5 December was designated by the United Nations in 1985 as an international observance day to celebrate the power and potential of volunteerism.

It is an opportunity for volunteers, and volunteer organisations, to raise awareness of, and gain understanding for, the contribution they make to their communities. On 3rd July – Occasion of "International No plastic Day" - AF Team has distributed 250 hooks to employees residing at Shantivan colony.

Hook is the thin rod of steel. In this hook all have collected plastic bag wrapper i.e. Waffer, Biscuit, milk etc @ 8.5 Kg. This Plastic will be given for recycle for making Hose Pipe. I.e "Waste to Best". Employee's family members became determined for not using Plastic bags.

Today On 5th December – We have felicitated the five volunteers who collected highest quantity of plastic bags. Chief Guest of the Event was Ms. Vinita Rai (Head, SVC Ladies Club) and Mr. Avinash Rai (CEO, APSEZ).

Respected Ganesh Sharma Sir (VP – HR, APSEZ) and Respected Patiyal Sir (Head –Admin, APSEZ) had nicely coordinated for the Event.

This will be regular and sustainable event for AF.



Divine Feelings Towards Mata no Madh

People used to go by foot to Mata no madh in Navaratri. Total 8 camps at different locations is inaugurated today in way towards Mata no Madh by Adani Foundation Bhuj and GKGH Hospital.

Total 34537 Patients were benefitted in this Camp

Mata no Madh is a village in Lakhpat Taluka of Kutch district, Gujarat, India. The village lies surrounded by hills on both banks of a small stream and has a temple dedicated to Ashapura Mata. She is considered patron deity of Kutch. The village is located about 105 km from Bhuj, the headquarters of Kutch district.



"Ayushman Bharat – Celebrating First Birthday !!"

On the first birth anniversary of "AYUSHMAN ENROLMENT CARD" Adani Foundation Bhuj and Mundra had successfully completed 11 Ayushman card enrollment camps in a single Day.





Skill Development Training Program for Schedule Cast Beneficiaries

We could able to fulfil target of training 1440 SC beneficiaries from Eight Talukas from Kutchh for different courses.

Mr Vinod Chavda (MP, Kutchh and Morabi) Mrs Lata Solanki (Pramukh, Nagar Palika,Bhuj) Mr Rohit (District Social Justice and Empowerment), Mr Jatin Trivedi (Head, ASDC)and Mr solanki (Chairman, social justice commitee Kutchh) we're present.

courses

1. Hand embroidery
2. Self employed stitching
3. Mobile Repairing
4. Beauty parlor
5. Crane operator





completed 10 years of
udaan

Education Minister Mr. Bhupendrasinh Chudasama visited Udaan Project and Utthan Project of Adani Foundation. He Appreciated Udaan Project which is truly inspirational and impactful Project. He got information through power point presentation about Utthan Project – Enhancing Primary Education of Government School. He motivated and appreciated joint effort of AF Team and District Primary Education office



Events



Adani Foundation have arranged a program “**Celebrating The Health Of Women**” at Mundra. The motive was awareness in women about their health and issues. Around 250 women were participated in this event. Doctors were gave information about women health, periods cycle, breast cancer etc. Doctor discussed about breast cancer, its symptoms, precautions, does and don'ts etc., and advised women to go for regular check up after forties. At the end of program health kit distributed to women.



Republic Day Celebration at ASDC Centre

Bhuj Adani Skill Development Centre witnessed the celebration of the Republic Day on the 25th January, 2020.

Students, Staff and Faculty members filled with a feeling of patriotism and dedication gathered in front of the Guest & Director-Adani Foundation, Vasant Gadhavi. In his speech, the director highlighted the importance of the Constitution and its unique features in the preamble of the constitution. He also gave an insight on the various accomplishments achieved by Centre and motivated the crowd for bringing more laurels for the Centre through their accomplishments.



Events

International disability day



Celebration of international disability day - Adani foundations Lakhpat celebrated three different programmes in coordination with District social welfare department and Lokseva trust.

1. Seva setu programme in which information and form fill up for various Govt schemes for Divyang I.e. bus pass, sadhan sahay and pension
2. Sadhan sahay - If beneficiary can not fulfill Govt criteria then of disability percentage or age bar - Adani foundation has supported beneficiaries.
3. Opening of swavlamban center in coordination of merchant association - widow women will stitch non woven bags and merchant association will purchase regularly and mamlatdar saheb will monitor the system.

Events



Mr. Karim Mansoori – Namda Artist was felicitated at National Artisan Expo Rajkot by Mr. Vijay Rupani along with 13 other artisans from all over Gujarat. the motive of felicitation was, their work towards community and their efforts for revising their art. Karim Mansoori was the only artisan of this art called “NAMDA” in Gujarat state. he was also part of this six-day National Artisan expo, for one week.

Awards and Accolades



With a great pleasure to share that APSEZ - CSR received such a big recognition as a honourable mention in western recognition under category Challenging circumstances under first National corporate social responsibility 2019.

Chief guest of the ceremony was our President Honble. Ramnath kovind. Ceremony was presided over by smt Nirmala sitaraman - Minister Finance and Guest of honour was Mr Anurag sinh Thakur Minsitry of state for finance and corporate affairs ..

Award received by Respected Dr Malay Mahadeviya and accompanied by Mr Rakshit shah and Mr Avinash Rai.

Awards and Accolades

Apex India CSR Innovation Award 2019



Adani Foundation Mundra received **"Gold Award"** under Apex India CSR Innovation Award 2019 Today at Goa.

Cheif Guest of the event was Shri Prasad (Union Minister Goa,GOI) and Guest of Honour Mr Suri (Former Governer Goa).

From Adani Foundation Mundra - Mr Vijay Gosai (Coordinator SLD Projects) and Mr. Karsan Gadhvi (Sr PO SLD Projects) received the Award.

Awards and Accolades

QCFI Best Case Study (State Award)2019



It was an honour for our Mundra team to be presented with the Diamond Category award at the State Case Study Presentation Competition by Quality Circle Forum, for their 'Mangroves afforestation and alternate livelihood' case study. We hope to continue our efforts to #empower people and preserve the #environment for the betterment of all

Awards and Accolades

QCFI Best Case Study (National Award)2019



It was an honour for our Mundra team to be presented with the 'Far Excellence' category award at the National Case Study Presentation Competition by Quality Circle Forum, for their 'Mangroves afforestation and alternate livelihood' case study. We hope to continue our efforts to #empower people and preserve the #environment for the betterment of all.

Awards and Accolades



Sharing with Proud that Adani Foundation got felicitation from Mr Vijay Rupani Honrable Cheif Minister Gujarat for

1. Water Conservation works
 2. More than 7000 Tree Plantation in Mundra, Anjar, Lakhpat and Mandvi Taluka
- Felicitatation of 3 CSR from Kutchh district for remarkable scarcity related work.

From Adani Foundation - Mr Karsanbhai Gadhvi received Award.

Awards and Accolades



Quality education is all about providing students with the resources & opportunities that open a new window to the outside world. At our Adani Vidya Mandir schools, we're dedicatedly working to facilitate our children and make them future-ready. It's an immensely proud moment for us as Adani Vidya Mandir schools Bhadreshwar was recognised at the Samagra Shiksha Empowering India 2020 Awards, by Ministry of Human Resource Development, Government of India, for empowering children with education, ensuring a Brighter Tomorrow for India's future generations. The awards were presented by Dr.Ramesh Pokhriyal Nishank.



Ms. Pankti Shah was invited as a guest of honour for Mission Eco Next "Eco Eureka Training" by ministry of science and technology - Government of India at KSKV Bhuj.

Initiatives of Adani Foundation for Biodiversity and water conservation was shared on this platform.

Mr. Mavajibhai Baraiya was invited as a guest of honor for "Creating Sustainable Farming Villages" by Krushi Research and Development Association by Vagad Visa Oswal Samaj. Initiatives of Adani Foundation for Fodder Sustainability and water conservation was shared by him.



मुख्य अतिथि
श्री राम नाथ कोविन्द
माननीय राष्ट्रपति, भारत गणराज्य

AWARDS

Chief Guest
Shri Ram Nath Kovind
Hon'ble President of India

अध्यक्ष

श्रीमती निर्मला सीतारमण
माननीय वित्त एवं कार्पोरेट मामलों का मंत्री

विभागीय सचिव

श्री अनुराग सिंह ठाकुर
वित्त एवं कार्पोरेट मामलों का सचिव

Presided over by

Smt Nirmala Sitharaman
Hon'ble Minister of Finance and Corporate Affairs

Guest of Honour

Shri Anurag Singh Thakur
Minister of State for Finance and Corporate Affairs

29 अक्टूबर 2019, विज्ञान भवन, नई दिल्ली

29 October 2019, Vigyan Bhawan, New Delhi



Indian Institute of
Corporate Affairs



Awards and Accolades



Adani Foundation Parivar

No	Core Area	Beneficiaries	Remarks
1	Education	7514	Uthhan, Praveshotsav, Labour School Support
2	Adani Vidya Mandir	443	School Students
3	UDAAN	33030	568 Institutes Visited
4	Adani Skill Dev. Center	2664	Mundra and Bhuj
5	Community health Mundra	62956	MHCU, Medical Camps, Senior Citizen
6	Community health Bhuj	25604	Health Camps, Mahiti Setu, patient care
7	SLD Fisherman	6970	Water, Education, Mangroves etc.
8	SLD Agriculture	2907	Drip Irrigation, Bio gas, tissue
9	SLD Women Empowerment	419	Saheli mahila gruh udyog – 12 SHG
10	Community Infra. Development	94206	Pond deepening, AKBTPL, Labours work
11	Suposhan Mundra	20565	Adolescent, Children and RPA
12	Nakhatrana	610	Community Health, Biodiversity and CID
13	Tuna	445	Cattle Owner, Praveshotsav, Svavlamban
14	Lakhpatt	765	Cattle owner for fodder, Divyang and School Support
Total Beneficiaries		259098	

Financial Overview

Adani Foundation -Mundra				
Executive Summary-Budget Utilization 2019-20				
F.Y. 2019-20 (Rs. In Lacs)				
Sr. No.	Budget Line Item	Budget 2019-20	Budget Utilization	% of utilization
A.	Admin Expense	71.50	64.47	90.17%
B.	Education	57.75	55.46	96.04%
C.	Community Health	220.66	244.89	110.98%
D.	Sustainable Livelihood Development	487.80	451.41	92.54%
E.	Rural Infrastructure Development	321.53	249.36	77.56%
Total AF CSR Budget :		1159.24	1065.60	91.92%
F.	Utthan - Education	108.93	81.21	74.55%
G.	Model Village	197.26	173.65	88.03%
Total Project Utthan Budget		306.19	254.86	83.24%
H.	Adani Vidya Mandir - Bhadreswar	204.35	184.93	90.50%
Total AVMB Budget		204.35	184.93	90.50%
I.	Project Udaan_Mundra	373.14	307.69	82.46%
Total Project Udaan Budget		373.14	307.69	82.46%
Grand Total :		2042.92	1813.08	88.75%



भारत सरकार
Government of India
कारपोरेट कार्य मंत्रालय
Ministry of Corporate Affairs

राष्ट्रीय कारपोरेट सामाजिक दायित्व (सीएसआर) पुरस्कार 2019
National Corporate Social Responsibility (CSR) Awards 2019

प्रमाण पत्र
Certificate of

सम्माननीय उल्लेख
Honourable Mention

चुनौतीपूर्ण परिस्थितियों में सीएसआर
CSR in Challenging Circumstances

(पश्चिम भारत)
(West India)

“अडानी पोर्ट्स एंड स्पेशल इकोनॉमिक ज़ोन लिमिटेड”
“Adani Ports and Special Economic Zone Limited”

नई दिल्ली / New Delhi
दिनांक / Date: 29-10-2019


सचिव / Secretary
कारपोरेट कार्य मंत्रालय
Ministry of Corporate Affairs