

DEENDAYAL PORT AUTHORITY

(Erstwhile: DEENDAYAL PORT TRUST)

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EG/WK/5203/(D)/VIII/EC Compliance L40

Date: 19/03/2024

To,
Shri T. C. Patel,
Environmental Engineer,
Kutch Unit Head,
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector 10A, Gandhinagar-
382 010
Email- uh-gpcb-kute@gujarat.gov.in

Subject: Proposed Smart Industrial Port City (SIPC) at green Field Site 2 (KPT Complex, 850 Acres), Gandhidham, Kutch - Gujarat by M/s Kandla Port Trust — **Six Monthly compliance Report of conditions stipulated in NOC/CTE Order reg.**

- Ref.:**
1. Ministry's letter NO. F. No. 21-169/2017-IA-III dated 10/10/2017
 2. GPCB letter no. PC/CCA-KUTCH-1510/GPCBID 60099, Outward No. 451927 dated 13/04/2018.
 3. EG/WK/5203/ (D)/VIII / EC Compliances /774 dated 07/08/2018.
 4. EG/WK/5203/ (D)/VIII / EC Compliances /119 dated 04/04/2019
 5. EG/WK/5203/ (D)/VIII / EC Compliances, dated 21/12/2019
 6. EG/WK/5203/ (D)/VIII /EC Compliance/161 dated 11/08/2022
 7. EG/WK/5203/ (D)/VIII /EC Compliance/283 dated 18/04/2023
 8. EG/WK/5203/ (D)/VIII /EC Compliance/388 dated 08/11/2023

Sir,

It is requested to kindly refer above cited references for the subject.

In this regard, it is to state that, GPCB vide above referred letter dated 13/04/2018 had granted Consent to Establish to Deendayal Port Authority for the subject project. In this regard, it is relevant to mention here that, DPA had already obtained Environmental & CRZ Clearance for the subject project from the MoEF&CC, GoI dated 10/10/2017.

Accordingly, please find enclosed herewith compliance report of conditions stipulated in CTE Order for the Period up to November, 2023 along with necessary enclosures as **Annexure 1**, for kind perusal and record please.

Further, as per the MoEF&CC, Notification S.O.5845 (E) dated 26.11.2018, stated that "**In the said notification, in paragraph 10, in sub-paragraph (ii), for the words "hard and soft copies" the words "soft copy" shall be substituted**". Accordingly, we are submitting herewith soft copy of the same via e-mail ID uh-gpcb-kute@gujarat.gov.in, for kind perusal & record please.

This has the approval of the Chief Engineer, Deendayal Port Authority.

Thanking You.

Yours faithfully,

Encl.: As above


SE (PL) & EMC (I/c)
Deendayal Port Authority

Copy to: Regional Officer, (Kutch East)
Gujarat Pollution Control Board,
Room No. 215 – 217, Regional Office,
2nd Floor, A.O Building,
Deendayal Port Authority,
Gandhidham (Kutch)- 370 201
Email Id. ro-gpcb-kute@gujarat.gov.in

Annexure -1

Compliance Status Report up to November, 2023

Subject: Compliance report of Consent to Establish (NOC) for Smart Industrial Port City (SIPC) project of Green Field Site 2 (KPT Complex, 850 Acres), Gandhidham, Kutch, Gujarat-370 201 by M/s Deendayal Port Authority (Erstwhile Deendayal Port Trust).

Consent to Establish: GPCB granted CTE vide NOC No. PC/CCA-KUTCH-1510/GPCB ID 60099/ dated 13/04/2018 and the validity period of the order shall be up to 29/01/2023. Further, GPCB granted extension of CTE vide NOC no. PC/CCA-KUTCH-1510/GPCB ID 60099 dated 19/08/2023 and the validity period of the order shall be up to 09/10/2027.

Present Status of the project: The basic Infrastructure facilities proposed to be developed by DPA in the SIPC Project consists of various components viz. Development of Land (land filling), Roads, Utilities, UG & OHT etc. out of which the Work of land filling is completed. Road of Stage I is completed in Oct 2021. Development of road and Storm water drainage for Plot No. 49 is completed.

Particulars	Total estimated expenditure (In Crores)	Total actual expenditure (In Crores)
Site Clearance and Grading	183.23	171.13
Flood Embankment	56.58	-
Road Network	51.21	8.29
Water Supply – Potable	35.15	-
Water Supply – Non-Potable	35.00	-
Sewerage Network	23.08	-
Storm Water Drainage	30.14	2.23
Solid Waste Management	10.00	-
Power Supply	15.00	3.74
Solar Power	9.00	-
Fire Station	7.00	-
ICT Components	21.00	-
Utility Duct	29.40	-
Landscape Cost	65.00	-
Desalination Plant	50.00	-
Project Development Cost	28.54	Apprx. 11.48
Interest During Construction Period	26.84	-
Total Development Cost	676.17	196.87 Cr

- **At present, one plot has been allotted to M/s Emami Agrotech Limited for the purpose of Edible Oil Industry vide letter of allotment dated 10/10/2019. The six monthly compliance report upto November, 2023 submitted by the allottee is attached herewith as Annexure A.**
- DPA will develop basic infrastructure facilities within the SIPC and then, Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes.
- Presently the total project area of Smart Industrial Port City Location-2, Kandla is 843.16 acres instead of 849.84 acres due to 6.23 acres of Smart Industrial Port City Location-2 has given to ROB which was constructed & completed recently

SR. NO	SPECIFIC CONDITION	STATUS
1	You shall strictly adhere to all EC conditions given by MoEF&CC, New Delhi vide order No- F.No.21-169/2017-IA-III, dated 10/10/2017.	<p>DPA has been regularly submitting six monthly compliance report of stipulated conditions as mentioned in the Clearance letter dated 10/10/2017 to MoEF&CC.</p> <p>Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. EC conditions will be made as a part of lease agreement with the Plot allottee.</p>
2	No ground water shall be withdrawn without prior approval from competent authority.	<p>Noted please. Land filling work is completed and no-ground water was used.</p> <p>Further, in future also, it is hereby assured that no ground water shall be used during construction /operation phase of the project</p>
3	You shall carry out activities of infrastructure development only, where individual allottees shall also have to obtain necessary permission before installation of plant. No industries Covered under Category A or B of the EIA Notification shall be permitted. No part of the project shall lie in the CRZ area. No industries covered under Category A or B of EIA Notification, shall be permitted in port city.	<p>Noted please.</p> <p>Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The stipulated conditions will be made as a part of lease agreement with the Plot allottee.</p>
4	You shall provide CETP for effluent generated from industries, where treated waste water of industries shall be reused and recycled. Possibilities shall also be explored for use in road side plantation, spraying for dust suppression. No effluents should be allowed to flow into the creek.	<p>Area of about 2.88 acres is earmarked for CETP. At present only one plot is allotted. The allottee has submitted that, they are complying with the provision of CETP for generated effluent and its reuse. After sufficient no. of industries is set up, assessment will be done and accordingly CETP will be developed.</p> <p>Before that every plot owner shall treat their waste by own by providing appropriate arrangement. Further, the treated effluent will be recycled/re-used by the plot owner.</p>
5	You shall give treatment of sewage in STP with Submerged Aerated Fixed Reactor and moving Bed Bio-	Area of about 2.88 acres is earmarked for STP. After sufficient no. of Industries are set up, assessment will be done and

SR. NO	SPECIFIC CONDITION	STATUS																						
	Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration) for the sewage generated from industry as well as residential area.	accordingly STP will be developed. At present only one plot is allotted. The allottee has submitted that, the STP of 20 KLD is installed and the recycled water is used for flushing, horticulture, road washing and gardening. The compliance report submitted by the allottee is attached herewith as Annexure A.																						
6	Proposed project should be located at 23°02'21.5"N Latitude and 70°10'33.7"E Longitude and no part of the project will lie in the CRZ area.	The work for land filling, road and storm water drainage has been carried out as per EC condition. Further, it is hereby assured that, balance work of SIPC project shall be carried out as per EC condition.																						
7	The provisions of the Solid Waste Management Rules 2016, E-Waste (Management) Rules, 2016, The construction and Demolition Waste Management Rules-2016 and Plastic Wastes Management Rule-2016 shall be followed.	Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the plot allottee is attached herewith as Annexure A.																						
3	Conditions under Water Act 1974.																							
3.1	The quantity of domestic waste water (Sewage) shall not exceed 6983.380 KL/Day and shall be treated in STP.	Noted please.																						
3.2	<div>The quality of generated industrial waste water generated from member industries shall conform to the following standards: Parameter Permissible Limit<table><tr><td>pH</td><td>6.5to8.5</td></tr><tr><td>Temperature</td><td>40°C</td></tr><tr><td>Colour(Pt. Co. scale units)</td><td>100 units</td></tr><tr><td>Suspended Solids</td><td>100 mg/L</td></tr><tr><td>Oil & Grease</td><td>10 mg/L</td></tr><tr><td>Phenolic Compound</td><td>01 mg/L</td></tr><tr><td>Ammonical Nitrogen</td><td>50 mg/L</td></tr><tr><td>BOD (3 Days at 27°C)</td><td>30 mg/L</td></tr><tr><td>COD</td><td>100 mg/L</td></tr><tr><td>Chlorides</td><td>600 mg/L</td></tr><tr><td>Sulphates</td><td>1000 mg/L</td></tr></table></div>	pH	6.5to8.5	Temperature	40°C	Colour(Pt. Co. scale units)	100 units	Suspended Solids	100 mg/L	Oil & Grease	10 mg/L	Phenolic Compound	01 mg/L	Ammonical Nitrogen	50 mg/L	BOD (3 Days at 27°C)	30 mg/L	COD	100 mg/L	Chlorides	600 mg/L	Sulphates	1000 mg/L	Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The monitoring report submitted by the allottee is attached with its compliance report at Annexure A.
pH	6.5to8.5																							
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Sulphates	1000 mg/L																							

SR. NO	SPECIFIC CONDITION		STATUS		
	Total Dissolved Solids	2100 mg/L			
	Percent Sodium	60 %			
	All efforts shall be made to remove colour & unpleasant odour as far as practicable.				
3.3	The treated industrial effluent conforming to the above standards shall be reused and recycled in premises by member industry, shall also be use in roadside Plantation, spraying for dust suppression etc.		Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the plot allottee is attached herewith as Annexure A.		
3.4	The quality of the sewage shall conform to the following standards		Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the plot allottee is attached herewith as Annexure A.		
	PARAMETERS GPCB NORMS				
	pH	6.5 to 9.0			
	BOD	30 mg/L			
	Suspended solids	100 mg/L			
	Fecal coliform	1000MPN/10			
3.5	The quality of the treated sewage confirming to the above norms shall be used for dust suppression, landscaping and washing purpose at the site.		Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the plot allottee is attached herewith as Annexure A.		
4	Condition Under Air Act-1981				
4.1	The following shall be used as fuel in D.G. set respectively		Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the plot allottee is attached herewith as Annexure A.		
	Sr. No	Fuel			Quantity
	1	Diesel			638Ltr/hr
4.2	The applicant shall install & operate air pollution control system in order to achieve flue gas emission norms as prescribed below:		Noted please.		
	Sr. No.	Stack attached to	Stack height in meter	Parameter permissible limit	
				Currently, only one plot is allotted. The monitoring report submitted by the allottee against the stipulated conditions is attached with its compliance report as Annexure A.	

SR. NO	SPECIFIC CONDITION					STATUS												
	1	D. G. sets (1x 125 KV A) (6x 500 KV A)	11	NO _x +H C CO PM Smoke limit (Light absorption coefficient)	≤7.5 g/kW-hr ≤3.5 g/kW-hr ≤0.3 o/kW-hr ≤ 0.7 m-1													
4.3	There shall be no process gas emission from manufacturing activities and other ancillary operations.					Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the plot allottee is attached herewith as Annexure A.												
4.4	<div>The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder as per National Ambient Air Quality Emission Standards issued by MoEF&CC dated 16th November- 2009.</div> <table><tr><th>Sr No</th><th>Pollutant</th><th>Time Weighted Average</th><th>Concentration In Ambient Air in µg/M³</th></tr><tr><td>1</td><td>Sulphur Dioxide (SO₂)</td><td>Annual 24Hours</td><td>50 80</td></tr><tr><td>2</td><td>Nitrogen Dioxide (NO₂)</td><td>Annual 24Hours</td><td>40 80</td></tr></table>					Sr No	Pollutant	Time Weighted Average	Concentration In Ambient Air in µg/M ³	1	Sulphur Dioxide (SO ₂)	Annual 24Hours	50 80	2	Nitrogen Dioxide (NO ₂)	Annual 24Hours	40 80	Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The monitoring report submitted by the allottee against the stipulated conditions is attached with its compliance report as Annexure A.
Sr No	Pollutant	Time Weighted Average	Concentration In Ambient Air in µg/M ³															
1	Sulphur Dioxide (SO ₂)	Annual 24Hours	50 80															
2	Nitrogen Dioxide (NO ₂)	Annual 24Hours	40 80															

SR. NO	SPECIFIC CONDITION					STATUS
	3	Particulate Matter (Size less than 10 µm) OR PM ₁₀	Annual 24 Hours	60 100		
	4	Particulate Matter (Size less than 2.5 mm) OR PM _{2.5}	Annual 24Hours	40 60		
4.5	The level of Noise in ambient air within the premises of industrial unit shall not exceed following levels: Between 6 am to 10 Pm : 75 dB(A) Between 10 Pm to 6 am : 70 dB(A)					Noted please. Currently, only one plot is allotted. The monitoring report submitted by the allottee against the stipulated conditions is attached with its compliance report as Annexure A.
5	General Condition					
5.1	Any change in personnel, equipment or working conditions as mentioned in the consents form / order should immediately be intimated to this Board.					Noted please
5.2	The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) of the waste generated.					Noted please. Currently, only one plot is allotted. The compliance report submitted by the allottee against the stipulated conditions is attached as Annexure A.
5.3	Records of waste generation, its management and annual returns shall be submitted to Gujarat Pollution Control Board in Form – 4 by 31 st January of every year.					Noted please. Currently, only one plot is allotted. The Form 4 submitted by the allottee against the stipulated conditions is attached with its compliance report as Annexure A.

SR. NO	SPECIFIC CONDITION	STATUS
5.4	In case of any accident of the same shall be submitted in form – 5 to Gujarat Pollution Control Board.	Noted please
5.5	Applicant shall comply relevant provision of “Public Liability insurance Act-91”	DPA has been renewing the Public Liability Insurance from time to time as required. The Public Liability Insurance is valid till July 2023. The same is attached herewith as Annexure B .
5.6	Unit shall take all concrete measures to show tangible results in waste generation reduction, avoidance, reuse and recycle. Action taken in this regards shall be submitted within 03 months and also along with Form 4.	Noted please. Currently, only one plot is allotted. The compliance report submitted by the allottee against the stipulated conditions is attached as Annexure A .
5.7	Industry shall have to display on-line 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 waste generated within the factory premises.	Noted please. Currently, only one plot is allotted. The allottee has submitted that, the condition specified herein is in compliance. The compliance report submitted by the allottee is attached as Annexure A .
5.8	GPCB reserves the right to stipulate additional condition/ revoke any conditions, if found necessary. The Company will implement concerned conditions in a time bound manner.	Noted please.
5.9	Environmental cell shall be setup & shall be responsible for total environmental Management of maintenance, conveyance and monitoring of all pipelines.	DPA is already having Environment Management cell. Further, DPA has also appointed expert agency for providing Environmental Experts from time to time. DPA appointed M/s Precitech Laboratories, Vapi for providing Environmental Experts vide work order dated 5/2/2021 (Copy of work order & scope of work attached as Annexure B). In addition, it is relevant to submit here that, DPA has appointed Manager (Environment) on contractual basis for the period of 3 years and further extendable to 2 years. A copy of office order is attached herewith as Annexure C .
5.10	A separate budget shall be earmarked for environmental management and socio-economic activities including the green belt	The allocation made under the scheme of “Environmental Services & Clearance thereof other related Expenditure” during

SR. NO	SPECIFIC CONDITION	STATUS
	mangrove plantation and details thereof shall be furnished to this Department as well as the MoEF&CC, GOI	<p>BE 2022-23 is Rs. 345 Lakhs & BE 2023-24 is Rs. 274 Lakhs.</p> <p>As a part of mangrove conservation, DPA has undertaken Mangrove Plantation in an area of 1500 Hectares at various location till date under the directions of the GCZMA and MoEF&CC, GoI. The details of mangrove plantation with cost incurred is placed at Annexure D.</p> <p>Further, DPA is carrying out additional mangrove plantation of 100 ha. With consultation of Gujarat Ecology Commission vide Work Order No. DD/WK/3050/Pt-I/GIM/PC-44 dated 02/06/2022 (Annexure E).</p> <p>DPA had undertaken CSR activities since the year 2011-12. The details of CSR Activities undertaken & planned is attached herewith as Annexure F.</p> <p>Currently, only one plot is allotted. The compliance report submitted by the allottee against the stipulated conditions is attached as Annexure A.</p>
5.11	Any leakages overflow, damage to the pipeline, manhole for collection of effluent / domestic effluent in pipelines, which shall be repaired & remedial action shall be taken immediately.	<p>Noted please</p> <p>Currently, only one plot is allotted. The compliance report submitted by the allottee against the stipulated conditions is attached as Annexure A.</p>
5.12	Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width shall be developed.	<p>Noted please. Plots will be allotted to the successful bidder through e-tender cum e-auction process for further development for various permissible purposes. At present, DPA allotted only one plot in SIPC project. The compliance report submitted by the allottee against the stipulated conditions is attached as Annexure A.</p>

Annexure -A



emami* agrotech ltd

(incorporated under the companies act, 1956/2013)

plot no. 49, sipc-2, kandla, district : kutch, gujarat-370210
phone: +91 8200814761, e-mail: works.kandla@emamiagrotech.com, website: www.emamiagrotech.in

Date: 08.12.2023

To,
Superintended Engineer (PL)
Deendayal Port Trust
P.O. Box No. – 50,
Admin Office Building
Tagore Road, Gandhidham (Kutch)
Gujarat - 370201

Sub. : Submission of Monitoring Datasheet and Six-Monthly Compliance Report of EC&CRZ, CRZ recommendation and CCA/NOC for the period of June, 2023 to November, 2023 as per mail received from SE(PL) & EMC(I/c) DPA ,Dated: 01/12/2023 .

Respected Sir,

We are pleased enclose herewith six-monthly Environmental Compliance submitting for our unit, situated Survey no. 49, Location-2 of Smart industrial Port city (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist.: Kutch - 370 210.

Reference Documents:

1. Environmental Monitoring Report
2. CCA Compliance
3. Monitoring Datasheet, Compliance report of EC&CRZ, CRZ recommendation
4. Details of plantation/greenbelt development
5. Annual return of Hazardous waste- Form IV
6. Environmental Statement - Form V

We hope you find the above in order.

Thanking you and Regards.

Yours sincerely,

For,

M/s Emami Agrotech Limited,

Authorized Signatory

head-office: emami tower, 687 anandapur e. m. bypass, 3rd floor, kolkata-700107
phone: +91 33 6613 6264, tele fax: +91 33 6613 6300, e-mail: ho@emamiagrotech.com, website: www.emamiagrotech.in

CIN : U24233WB2002PLC094530

Report Ref. No: EE/ENV/2023/07/007

Report Date: 05/07/2023

TEST REPORT

(For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA1	Sample Location	Near Tank farm
Sampling Date	28/06/2023	Type of Sample	Ambient Air
Sample Received Date	28/06/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	29/06/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	03/07/2023		Gaseous Pollutant
Sample Collection By	Earth Envirotech Team		IS 5182 (Part 5) : 2020

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	56.83	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	16.30	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	08.05	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	11.66	IS 5182 (Part 6) : 2022	80


 Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/008

Report Date: 05/07/2023

TEST REPORT (For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA2	Sample Location	Near OHC Room
Sampling Date	28/06/2023	Type of Sample	Ambient Air
Sample Received Date	28/06/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	29/06/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	03/07/2023		Gaseous Pollutant
Sample Collection By	Earth Envirotech Team		IS 5182 (Part 5) : 2020

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	55.28	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	21.49	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	13.91	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	15.33	IS 5182 (Part 6) : 2022	80

Chor
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/009

Report Date: 05/07/2023

TEST REPORT (For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA3	Sample Location	Near Packing Plant Entrance Gate
Sampling Date	28/06/2023	Type of Sample	Ambient Air
Sample Received Date	28/06/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	29/06/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	03/07/2023		Gaseous Pollutant IS 5182 (Part 5) : 2020
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	57.40	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	15.27	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	08.92	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	10.76	IS 5182 (Part 6) : 2022	80

Cher
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/010

Report Date: 05/07/2023

TEST REPORT (For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA4	Sample Location	Near Store Area
Sampling Date	28/06/2023	Type of Sample	Ambient Air
Sample Received Date	28/06/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	29/06/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	03/07/2023		Gaseous Pollutant
Sample Collection By	Earth Envirotech Team		IS 5182 (Part 5) : 2020

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	52.94	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	12.55	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	07.83	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	09.76	IS 5182 (Part 6) : 2022	80

Chir
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/011

Report Date: 05/07/2023

TEST REPORT

(For the Month of June-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/ST1	Stack Attached to	AFBC Steam Boiler (Cap. 26 TPH) + AFBC Steam Boiler (Cap. 16 TPH) (Common Stack)
Sampling Date	28/06/2023	Type of Sample	Stack Emission
Sample Received Date	28/06/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	29/06/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	03/07/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	50.37	IS 11255 (Part 1) : 2019	150
2.	Sulphur Dioxide (SO ₂)	ppm	16.09	IS 11255 (Part 2) : 2019	100
3.	Oxides of Nitrogen (NO _x)	ppm	12.60	IS 11255 (Part 7) : 2022	50


Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/012

Report Date: 05/07/2023

TEST REPORT (For the Month of June-2023)

Client Details			
Name: M/s. Emami Agrotech Limited. Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/ST2	Stack Attached to	Thermic Fluid Heater (Cap. 40 Lakh Kcal) + Thermic Fluid Heater (Cap. 20 Lakh Kcal) (Common Stack) + Thermic Fluid Heater (Cap. 8 Lakh Kcal)
Sampling Date	28/06/2023	Type of Sample	Stack Emission
Sample Received Date	28/06/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	29/06/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	03/07/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	57.69	IS 11255 (Part 1) : 2019	150
2.	Sulphur Dioxide (SO ₂)	ppm	11.71	IS 11255 (Part 2) : 2019	100
3.	Oxides of Nitrogen (NO _x)	ppm	08.33	IS 11255 (Part 7) : 2022	50

Chir
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/013

Report Date: 05/07/2023

TEST REPORT (For the Month of June-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/ST3	Stack Attached to	D. G. Set (2000 KVA)
Sampling Date	28/06/2023	Type of Sample	Stack Emission
Sample Received Date	28/06/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	29/06/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	03/07/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	72.26	IS 11255 (Part 1) : 2019	150
2.	Sulphur Dioxide (SO ₂)	ppm	20.35	IS 11255 (Part 2) : 2019	100
3.	Oxides of Nitrogen (NO _x)	ppm	14.42	IS 11255 (Part 7) : 2022	50

Chir
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/014

Report Date: 05/07/2023

TEST REPORT (For the Month of June-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/PST1	Stack Attached to	Acid Oil Plant Scrubber
Sampling Date	28/06/2023	Type of Sample	Stack Emission
Sample Received Date	28/06/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	29/06/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	03/07/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	26.53	IS 11255 (Part 1) : 2019	50
2.	Acid Mist	mg/Nm ³	11.92	EPA Method - 8	50


Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/015

Report Date: 05/07/2023

TEST REPORT

(For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/N1-N10	Sampling Location	As per table
Measurement Start Date	28/06/2023	Type of Sample	Noise Monitoring
Measurement End Date	28/06/2023	Sampling Instrument	Sound Level Meter
Measurement Done By	Earth Envirotech Team	Sampling Method	IS 9989 : 2020

ANALYSIS RESULTS

Sr. No.	Location Name	Unit	Day Time
			Spot Noise Level dB(A) Maximum
Permissible Limit			75.0
1.	Near FG Loading Area	dB(A)	70.5
2.	Inside Manual Tin Packaging Area	dB(A)	72.1
3.	Inside Tin Packing Area	dB(A)	70.8
4.	Inside Tin Packing Office	dB(A)	69.1
5.	Inside Coal Yard Area	dB(A)	70.7
6.	Inside Boiler Control Room	dB(A)	71.2
7.	Inside Refinery Plant Control Room	dB(A)	70.8
8.	Near D. G. Set Area	dB(A)	71.6
9.	Near ETP Compressor Area	dB(A)	73.4
10.	Near FG Truck Loading Area	dB(A)	71.9


Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/016

Report Date: 05/07/2023

TEST REPORT (For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/L1-L10	Sampling Location	As per table
Measurement Start Date	28/06/2023	Type of Sample	Lux Monitoring
Measurement End Date	28/06/2023	Sampling Instrument	Lux Meter
Measurement Done By	Earth Envirotech Team	Sampling Method	Lutron – LX-101 Inst. Manual

ANALYSIS RESULTS

Sr. No.	Location Name	In Lux (Night Time)
1.	Inside Refinery Raw Material Room	320
2.	Near Ammonia Plant	395
3.	Inside Automatic Tin plant	381
4.	Inside Bottle filling Plant Area	237
5.	Inside Workshop Area	315
6.	Inside Refinery Area	480
7.	Inside 26 Ton Boiler Area	321
8.	Inside Electric Room	551
9.	Inside Store Room Area	628
10.	Near Coal Yard Area	412


Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/017

Report Date: 05/07/2023

TEST REPORT

(For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/DW1	Sample Location	Acid Oil Plant
Sampling Date	28/06/2023	Type of Sample	Drinking Water
Sample Received Date	28/06/2023	Quantity of Sample	2 Litre
Analysis Start Date	29/06/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	05/07/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Desirable Limit IS-10500-2012
1.	pH	--	7.34	6.5-8.5
2.	Odour	--	Odourless	Unobjectionable
3.	Colour	Pt. Co.	Colourless	05
4.	Taste	-	Agreeable	Agreeable
5.	Turbidity	NTU	<1	05
6.	Total Dissolved Solids	mg/L	197	500
7.	Total Hardness (as CaCO ₃)	mg/L	34	300
8.	Chloride	mg/L	61.2	250
9.	Iron	mg/L	Nil	0.3
10.	Residual Free Chlorine	mg/L	BDL	0.2
11.	Calcium (as Ca)	mg/L	8.02	75
12.	Magnesium (as Mg)	mg/L	3.40	30
13.	Copper	mg/L	BDL	0.05
14.	Manganese	mg/L	BDL	0.10
15.	Sulphate	mg/L	44.1	200
16.	Nitrate	mg/L	BDL	45
17.	Fluoride	mg/L	BDL	1.0
18.	Phenol	mg/L	BDL	0.001
19.	Mercury	mg/L	BDL	0.001
20.	Cadmium	mg/L	BDL	0.01
21.	Arsenic	mg/L	BDL	0.05
22.	Cyanide	mg/L	ND	0.05
23.	Lead	mg/L	BDL	0.05
24.	Zinc	mg/L	BDL	05
25.	Anionic Detergents	mg/L	ND	0.2

Report Ref. No: EE/ENV/2023/07/017				Report Date: 05/07/2023
26.	Chromium	mg/L	BDL	0.05
27.	Mineral Oil	mg/L	ND	0.01
28.	Pesticides	mg/L	Absent	Absent
29.	Alkalinity	mg/L	22	200
30.	Aluminium	mg/L	BDL	0.03
31.	Boron	mg/L	BDL	01
32.	Polynuclear Aromatic Hydrocarbons	mg/L	ND	No Relaxation
33.	Bacteriological Examination			
	(i) Fecal Coliforms	Per 100 ml	Absent	Absent
	(ii) Total Coliforms	Per 100 ml	Absent	Absent

Note: ND - Not Detected,
BDL - Below Detectable Limit.

Chor
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/018

Report Date: 05/07/2023

TEST REPORT

(For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW1	Sample Location	ETP Inlet
Sampling Date	28/06/2023	Type of Sample	Waste Water
Sample Received Date	28/06/2023	Quantity of Sample	2 Litre
Analysis Start Date	29/06/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	05/07/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method
1.	pH	---	2.84	IS 3025 (P-11) : 2022
2.	Temperature	°C	25.9	APHA 24 th Ed. 2550 B : 2022
3.	Colour	Units	35	IS 3025 (P-4) : 2021
4.	Total Suspended Solids	mg/L	1419	IS 3025 (P-17) : 2022
5.	Oil & Grease	mg/L	34.2	IS 3025 (P-39) : 2021
6.	Ammonical Nitrogen	mg/L	29.7	IS 3025 (P-34) : 2019
7.	Biochemical Oxygen Demand (3 days at 27° C)	mg/L	1081	IS 3025 (P-44) : 2019
8.	Chemical Oxygen Demand	mg/L	3198	IS 3025 (P-58) : 2022
9.	Chlorides	mg/L	1687.5	IS 3025 (P-32) : 2019
10.	Sulphates	mg/L	1384.1	IS 3025 (P-24) : 2022
11.	Total Dissolved Solids	mg/L	4580	IS 3025 (P-16) : 2023
12.	Percentage Sodium	%	31.3	IS 3025 (P-45) : 2019
13.	Phenolic Compound	mg/L	5.40	IS 3025 (P-43) : 2022
14.	Sulphide	mg/L	6.5	APHA 24 th Ed. 4500 S ² -D : 2022
15.	Sodium Absorption Ratio	--	39.7	IS 11624 : 2019

Chir
 Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/019

Report Date: 05/07/2023

TEST REPORT (For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW3	Sample Location	ETP Outlet
Sampling Date	28/06/2023	Type of Sample	Waste Water
Sample Received Date	28/06/2023	Quantity of Sample	2 Litre
Analysis Start Date	29/06/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	05/07/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	GPCB Limit.	Reference Method
1.	pH	---	7.86	6.5 – 8.5	IS 3025 (P-11) : 2022
2.	Temperature	°C	26.1	40	APHA 24 th Ed. 2550 B : 2022
3.	Colour	Units	10	100	IS 3025 (P-4) : 2021
4.	Total Suspended Solids	mg/L	58.7	100	IS 3025 (P-17) : 2022
5.	Oil & Grease	mg/L	2.0	10	IS 3025 (P-39) : 2021
6.	Ammonical Nitrogen	mg/L	4.57	50	IS 3025 (P-34) : 2019
7.	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	24.8	30	IS 3025 (P-44) : 2019
8.	Chemical Oxygen Demand	mg/L	71.4	100	IS 3025 (P-58) : 2022
9.	Chlorides	mg/L	401.6	600	IS 3025 (P-32) : 2019
10.	Sulphates	mg/L	259.9	1000	IS 3025 (P-24) : 2022
11.	Total Dissolved Solids	mg/L	980	2100	IS 3025 (P-16) : 2023
12.	Percentage Sodium	%	23.7	60	IS 3025 (P-45) : 2019
13.	Phenolic Compound	mg/L	BDL	01	IS 3025 (P-43) : 2022
14.	Sulphide	mg/L	BDL	02	APHA 24 th Ed. 4500 S ² -D : 2022
15.	Sodium Absorption Ratio	--	10.2	26	IS 11574 : 2019

Chor
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/020

Report Date: 05/07/2023

TEST REPORT
(For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW4	Sample Location	STP Inlet
Sampling Date	28/06/2023	Type of Sample	Waste Water
Sample Received Date	28/06/2023	Quantity of Sample	2 Litre
Analysis Start Date	29/06/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	05/07/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method
1.	pH	---	7.96	IS 3025 (P-11) : 2022
2.	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	47.1	IS 3025 (P-44) : 2019
3.	Total Suspended Solids	mg/L	78.5	IS 3025 (P-17) : 2022
4.	Fecal coliform MPN/100	MPN/100	101	APHA 24 th Ed. 9221 : 2022


Analyzed By:

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/07/021

Report Date: 05/07/2023

TEST REPORT (For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW5	Sample Location	STP Outlet
Sampling Date	28/06/2023	Type of Sample	Waste Water
Sample Received Date	28/06/2023	Quantity of Sample	2 Litre
Analysis Start Date	29/06/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	05/07/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	GPCB Limit.	Reference Method
1.	pH	---	7.16	6.5 – 9.0	IS 3025 (P-11): 2022
2.	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	13.5	20	IS 3025 (P-44) : 2019
3.	Total Suspended Solids	mg/L	36.1	100	IS 3025 (P-17) : 2022
4.	Fecal Coliform	Present/absent	Absent	<1000 MPN/ 100 ml	APHA 24 th Ed. 9221 : 2022

Chor
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Form No. 37
(Prescribed under rule 12-B)

Register containing particulars of monitoring of working environment required under section 7-A (a) (e)

 1. **Name of Unit:** M/s. Emami Agrotech Limited.

Location: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT)
 Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210

 2. **Raw Materials:** Crude Palm Oil, Crude Degummed Soya Oil, Phosphoric Acid, Caustic, Citric Acid,
 Bleaching Earth, Sodium Meth oxide, Hydrochloric Acid, Sulphuric Acid, Common Salt.

Finished Products:


Products	Quantity (MT/Month)
Refined Palm Oil	66,500
Refined Soya Oil	35,000
Vanaspati	5,800
Palm Fatty Acid	3,500
Soya Fatty Acid	100
Empty Tin Container (15 Liter)	400
HDPE Jar (15 Liter)	25
HDPE Jar (5 Liter)	15

 3. **Particular of Sampling:**

Issue Date	05/07/2023
Ref. No.	EAL/F37/022

Date of Sampling: 28/06/2023

Date of sampling: 20/07/2025

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling instrument used	Air Borne Contamination		
				Number of Sample	Range	Average
1.	Inside Process Area	Total Dust, RSPM	RDS	01	6.3	6.3
2.	Inside Packing Area			01	6.1	6.1
TWA concentration (As given in second schedule)		Reference method	No of workers Exposed at the location being monitored	Remarks	Signature Person Taking Samples	Name of Taking Person Samples
mg/m ³						
10		Gravimetric	02	---		Mr. Sagar Bhandari
			05	---		

For, Earth Envirotech,



Report Ref. No: EE/ENV/2023/07/015

Report Date: 05/07/2023

TEST REPORT

(For the Month of June - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/N1-N10	Sampling Location	As per table
Measurement Start Date	28/06/2023	Type of Sample	Noise Monitoring
Measurement End Date	28/06/2023	Sampling Instrument	Sound Level Meter
Measurement Done By	Earth Envirotech Team	Sampling Method	IS 9989 : 2020

ANALYSIS RESULTS

Sr. No.	Location Name	Unit	Day Time	Night Time
			Spot Noise Level dB(A) Maximum	Spot Noise Level dB(A) Maximum
Permissible Limit			75.0	70.0
1.	Near FG Loading Area	dB(A)	70.5	65.8
2.	Inside Manual Tin Packaging Area	dB(A)	72.1	67.1
3.	Inside Tin Packing Area	dB(A)	70.8	66.1
4.	Inside Tin Packing Office	dB(A)	69.1	61.8
5.	Inside Coal Yard Area	dB(A)	70.7	60.2
6.	Inside Boiler Control Room	dB(A)	71.2	65.3
7.	Inside Refinery Plant Control Room	dB(A)	70.8	65.9
8.	Near D. G. Set Area	dB(A)	71.6	68.7
9.	Near ETP Compressor Area	dB(A)	73.4	69.0
10.	Near FG Truck Loading Area	dB(A)	71.9	62.9

Day Time: 06:00 AM to 10:00 PM

Night Time: 10:00 PM to 06:00 AM

Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/101

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA1	Sample Location	Near Tank farm
Sampling Date	23/09/2023	Type of Sample	Ambient Air
Sample Received Date	23/09/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	25/09/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	28/09/2023		Gaseous Pollutant IS 5182 (Part 5) : 2020
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	59.27	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	18.15	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.42	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	13.90	IS 5182 (Part 6) : 2022	80

Cher
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.



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Report Ref. No: EE/ENV/2023/09/102

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA2	Sample Location	Near DHC Room
Sampling Date	23/09/2023	Type of Sample	Ambient Air
Sample Received Date	23/09/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	25/09/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	28/09/2023		Gaseous Pollutant
Sample Collection By	Earth Envirotech Team		IS 5182 (Part 5) : 2020

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	57.44	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	24.08	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	15.27	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	16.95	IS 5182 (Part 6) : 2022	80

Chor

Analyzed By:



Authorized Signatory:

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/103

Report Date: 30/09/2023

TEST REPORT
(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA3	Sample Location	Near Packing Plant Entrance Gate
Sampling Date	23/09/2023	Type of Sample	Ambient Air
Sample Received Date	23/09/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	25/09/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	28/09/2023		Gaseous Pollutant
Sample Collection By	Earth Envirotech Team		IS 5182 (Part 5) : 2020

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	60.03	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	17.82	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.66	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	12.37	IS 5182 (Part 6) : 2022	80


Analyzed By:

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/104

Report Date: 30/09/2023

TEST REPORT
(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/AA4	Sample Location	Near Store Area
Sampling Date	23/09/2023	Type of Sample	Ambient Air
Sample Received Date	23/09/2023	Sampling Method	IS 5182 (Part 23) : 2022 – PM ₁₀
Analysis Start Date	25/09/2023		EE-WI-7.3-2A (1) – PM _{2.5}
Analysis End Date	28/09/2023		Gaseous Pollutant
Sample Collection By	Earth Envirotech Team		IS 5182 (Part 5) : 2020

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	National Ambient Air Quality Standards
1.	Particulate Matter PM ₁₀	µg/m ³	55.16	IS 5182 (Part 23) : 2022	100
2.	Particulate Matter PM _{2.5}	µg/m ³	15.59	EE-WI-7.2.2A	60
3.	Sulphur Dioxide (SO ₂)	µg/m ³	09.84	IS 5182 (Part 2) : 2022	80
4.	Nitrogen Dioxide (NO ₂)	µg/m ³	11.70	IS 5182 (Part 6) : 2022	80


Analyzed By:

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/105

Report Date: 30/09/2023

TEST REPORT

(For the Month of September-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/ST1	Stack Attached to	AFBC Steam Boiler (Cap. 26 TPH) + AFBC Steam Boiler (Cap. 16 TPH) (Common Stack)
Sampling Date	23/09/2023	Type of Sample	Stack Emission
Sample Received Date	23/09/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	25/09/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	28/09/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	47.61	IS 11255 (Part 1) : 2019	150
2.	Sulphur Dioxide (SO ₂)	ppm	14.27	IS 11255 (Part 2) : 2019	100
3.	Oxides of Nitrogen (NO _x)	ppm	10.39	IS 11255 (Part 7) : 2022	50

Cher
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.



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Report Ref. No: EE/ENV/2023/09/106

Report Date: 30/09/2023

TEST REPORT

(For the Month of September-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/ST2	Stack Attached to	Thermic Fluid Heater (Cap. 40 Lakh Kcal) + Thermic Fluid Heater (Cap. 20 Lakh Kcal) (Common Stack) + Thermic Fluid Heater (Cap. 8 Lakh Kcal)
Sampling Date	23/09/2023	Type of Sample	Stack Emission
Sample Received Date	23/09/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	25/09/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	28/09/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	55.18	IS 11255 (Part 1) : 2019	150
2.	Sulphur Dioxide (SO ₂)	ppm	10.24	IS 11255 (Part 2) : 2019	100
3.	Oxides of Nitrogen (NO _x)	ppm	07.10	IS 11255 (Part 7) : 2022	50

Cher
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/107

Report Date: 30/09/2023

TEST REPORT
(For the Month of September-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/ST3	Stack Attached to	D. G. Set (2000 KVA)
Sampling Date	23/09/2023	Type of Sample	Stack Emission
Sample Received Date	23/09/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	25/09/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	28/09/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	70.82	IS 11255 (Part 1) : 2019	150
2.	Sulphur Dioxide (SO ₂)	ppm	17.96	IS 11255 (Part 2) : 2019	100
3.	Oxides of Nitrogen (NO _x)	ppm	12.57	IS 11255 (Part 7) : 2022	50

Analyzed By: 

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.



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Report Ref. No: EE/ENV/2023/09/108

Report Date: 30/09/2023

TEST REPORT (For the Month of September-2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/PST1	Stack Attached to	Acid Oil Plant Scrubber
Sampling Date	23/09/2023	Type of Sample	Stack Emission
Sample Received Date	23/09/2023	Sampling Instrument	Stack Monitoring Kit
Analysis Start Date	25/09/2023	Sampling Method	Guidelines On Methodologies For Source Emission Monitoring LATS/80/2013-14
Analysis End Date	28/09/2023		
Sample Collection By	Earth Envirotech Team		

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method	Limit as per GPCB Norms
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	28.16	IS 11255 (Part 1) : 2019	50
2.	Acid Mist	mg/Nm ³	10.40	EPA Method - 8	50

Chet
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/109

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/N1-N10	Sampling Location	As per table
Measurement Start Date	23/09/2023	Type of Sample	Noise Monitoring
Measurement End Date	23/09/2023	Sampling Instrument	Sound Level Meter
Measurement Done By	Earth Envirotech Team	Sampling Method	IS 9989 : 2020

ANALYSIS RESULTS

Sr. No.	Location Name	Unit	Day Time
			Spot Noise Level dB(A) Maximum
Permissible Limit			75.0
1.	Near FG Loading Area	dB(A)	69.2
2.	Inside Manual Tin Packaging Area	dB(A)	71.3
3.	Inside Tin Packing Area	dB(A)	72.3
4.	Inside Tin Packing Office	dB(A)	69.8
5.	Inside Coal Yard Area	dB(A)	62.3
6.	Inside Boiler Control Room	dB(A)	67.2
7.	Inside Refinery Plant Control Room	dB(A)	66.6
8.	Near D. G. Set Area	dB(A)	65.5
9.	Near ETP Compressor Area	dB(A)	65.9
10.	Near FG Truck Loading Area	dB(A)	71.2


Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/110

Report Date: 30/09/2023

TEST REPORT
(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/L1-L10	Sampling Location	As per table
Measurement Start Date	23/09/2023	Type of Sample	Lux Monitoring
Measurement End Date	23/09/2023	Sampling Instrument	Lux Meter
Measurement Done By	Earth Envirotech Team	Sampling Method	Lutron – LX-101 Inst. Manual

ANALYSIS RESULTS

Sr. No.	Location Name	In Lux (Night Time)
1.	Inside Refinery Raw Material Room	380
2.	Near Ammonia Plant	320
3.	Inside Automatic Tin plant	480
4.	Inside Bottle filling Plant Area	381
5.	Inside Workshop Area	332
6.	Inside Refinery Area	419
7.	Inside 26 Ton Boiler Area	584
8.	Inside Electric Room	320
9.	Inside Store Room Area	410
10.	Near Coal Yard Area	384

Analyzed By: 

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/111

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/DW1	Sample Location	Near Main gate
Sampling Date	23/09/2023	Type of Sample	Drinking Water
Sample Received Date	23/09/2023	Quantity of Sample	2 Litre
Analysis Start Date	25/09/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	30/09/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Desirable Limit IS-10500-2012
1.	pH	--	6.91	6.5-8.5
2.	Odour	--	Odourless	Unobjectionable
3.	Colour	Pt. Co.	Colourless	05
4.	Taste	-	Agreeable	Agreeable
5.	Turbidity	NTU	<1	05
6.	Total Dissolved Solids	mg/L	179	500
7.	Total Hardness (as CaCO ₃)	mg/L	28	300
8.	Chloride	mg/L	58.44	250
9.	Iron	mg/L	Nil	0.3
10.	Residual Free Chlorine	mg/L	BDL	0.2
11.	Calcium (as Ca)	mg/L	07.23	75
12.	Magnesium (as Mg)	mg/L	03.11	30
13.	Copper	mg/L	BDL	0.05
14.	Manganese	mg/L	BDL	0.10
15.	Sulphate	mg/L	41.54	200
16.	Nitrate	mg/L	BDL	45
17.	Fluoride	mg/L	BDL	1.0
18.	Phenol	mg/L	BDL	0.001
19.	Mercury	mg/L	BDL	0.001
20.	Cadmium	mg/L	BDL	0.01
21.	Arsenic	mg/L	BDL	0.05
22.	Cyanide	mg/L	ND	0.05
23.	Lead	mg/L	BDL	0.05
24.	Zinc	mg/L	BDL	05
25.	Anionic Detergents	mg/L	ND	0.2

Report Ref. No: EE/ENV/2023/09/111				Report Date: 30/09/2023
26.	Chromium	mg/L	BDL	0.05
27.	Mineral Oil	mg/L	ND	0.01
28.	Pesticides	mg/L	Absent	Absent
29.	Alkalinity	mg/L	19	200
30.	Aluminium	mg/L	BDL	0.03
31.	Boron	mg/L	BDL	01
32.	Polynuclear Aromatic Hydrocarbons	mg/L	ND	No Relaxation
33.	Bacteriological Examination			
	(i) Fecal Coliforms	Per 100 ml	Absent	Absent
	(ii) Total Coliforms	Per 100 ml	Absent	Absent

ND - Not Detected,

BDL - Below Detectable Limit.


 Analyzed By:


- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/112

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW1	Sample Location	ETP Inlet
Sampling Date	23/09/2023	Type of Sample	Waste Water
Sample Received Date	23/09/2023	Quantity of Sample	2 Litre
Analysis Start Date	25/09/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	30/09/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method
1.	pH	---	5.78	IS 3025 (P-11) : 2022
2.	Temperature	°C	25.3	APHA 24 th Ed. 2550 B : 2022
3.	Colour	Units	32	IS 3025 (P-4) : 2021
4.	Total Suspended Solids	mg/L	1545	IS 3025 (P-17) : 2022
5.	Oil & Grease	mg/L	32.08	IS 3025 (P-39) : 2021
6.	Ammonical Nitrogen	mg/L	26.21	IS 3025 (P-34) : 2019
7.	Biochemical Oxygen Demand (3 days at 27° C)	mg/L	967	IS 3025 (P-44) : 2019
8.	Chemical Oxygen Demand	mg/L	2982	IS 3025 (P-58) : 2022
9.	Chlorides	mg/L	2012.61	IS 3025 (P-32) : 2019
10.	Sulphates	mg/L	1704.92	IS 3025 (P-24) : 2022
11.	Total Dissolved Solids	mg/L	4932	IS 3025 (P-16) : 2023
12.	Percentage Sodium	%	28.43	IS 3025 (P-45) : 2019
13.	Phenolic Compound	mg/L	04.83	IS 3025 (P-43) : 2022
14.	Sulphide	mg/L	06.17	APHA 24 th Ed. 4500 S ²⁻ D : 2022
15.	Sodium Absorption Ratio	--	36.60	IS 11624 : 2019

Chor
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/113

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW3	Sample Location	ETP Outlet
Sampling Date	23/09/2023	Type of Sample	Waste Water
Sample Received Date	23/09/2023	Quantity of Sample	2 Litre
Analysis Start Date	25/09/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	30/09/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	GPCB Limit.	Reference Method
1.	pH	---	8.33	6.5 – 8.5	IS 3025 (P-11) : 2022
2.	Temperature	°C	25.5	40	APHA 24 th Ed. 2550 B : 2022
3.	Colour	Units	08	100	IS 3025 (P-4) : 2021
4.	Total Suspended Solids	mg/L	52.92	100	IS 3025 (P-17) : 2022
5.	Oil & Grease	mg/L	1.58	10	IS 3025 (P-39) : 2021
6.	Ammonical Nitrogen	mg/L	3.86	50	IS 3025 (P-34) : 2019
7.	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	20	30	IS 3025 (P-44) : 2019
8.	Chemical Oxygen Demand	mg/L	64	100	IS 3025 (P-58) : 2022
9.	Chlorides	mg/L	362.55	600	IS 3025 (P-32) : 2019
10.	Sulphates	mg/L	222.61	1000	IS 3025 (P-24) : 2022
11.	Total Dissolved Solids	mg/L	934	2100	IS 3025 (P-16) : 2023
12.	Percentage Sodium	%	22.13	60	IS 3025 (P-45) : 2019
13.	Phenolic Compound	mg/L	BDL	01	IS 3025 (P-43) : 2022
14.	Sulphide	mg/L	BDL	02	APHA 24 th Ed. 4500 S ²⁻ -D : 2022
15.	Sodium Absorption Ratio	--	08.96	26	IS 11624 : 2019

Chor
Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Report Ref. No: EE/ENV/2023/09/114

Report Date: 30/09/2023

TEST REPORT
(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW4	Sample Location	STP Inlet
Sampling Date	23/09/2023	Type of Sample	Waste Water
Sample Received Date	23/09/2023	Quantity of Sample	2 Litre
Analysis Start Date	25/09/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	30/09/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	Reference Method
1.	pH	---	8.10	IS 3025 (P-11) : 2022
2.	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	42	IS 3025 (P-44) : 2019
3.	Total Suspended Solids	mg/L	60.5	IS 3025 (P-17) : 2022
4.	Fecal coliform MPN/100	MPN/100	88	APHA 24 th Ed. 9221 : 2022


Analyzed By:

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.



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Report Ref. No: EE/ENV/2023/09/115

Report Date: 30/09/2023

TEST REPORT
(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/WW5	Sample Location	STP Outlet
Sampling Date	23/09/2023	Type of Sample	Waste Water
Sample Received Date	23/09/2023	Quantity of Sample	2 Litre
Analysis Start Date	25/09/2023	Sampling Method	APHA 24 th Ed. 1060 B : 2022
Analysis End Date	30/09/2023	Sample Collection By	Earth Envirotech Team

ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	GPCB Limit.	Reference Method
1.	pH	---	7.95	6.5 – 9.0	IS 3025 (P-11): 2022
2.	Biochemical Oxygen Demand (3 days at 27°C)	mg/L	10	20	IS 3025 (P-44) : 2019
3.	Total Suspended Solids	mg/L	31	100	IS 3025 (P-17) : 2022
4.	Fecal Coliform	Present/absent	Absent	<1000 MPN/ 100 ml	APHA 24 th Ed. 9221 : 2022


Analyzed By:

- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

Form No. 37

(Prescribed under rule 12-B)

Register containing particulars of monitoring of working environment required under section 7-A (a) (e)

 1. **Name of Unit:** M/s. Emami Agrotech Limited.

Location: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT)
 Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210

 2. **Raw Materials:** Crude Palm Oil, Crude Degummed Soya Oil, Phosphoric Acid, Caustic, Citric Acid,
 Bleaching Earth, Sodium Meth oxide, Hydrochloric Acid, Sulphuric Acid, Common Salt.


Finished Products:

Products	Quantity (MT/Month)
Refined Palm Oil	66,500
Refined Soya Oil	35,000
Vanaspati	5,800
Palm Fatty Acid	3,500
Soya Fatty Acid	100
Empty Tin Container (15 Liter)	400
HDPE Jar (15 Liter)	25
HDPE Jar (5 Liter)	15

 3. **Particular of Sampling:**

Issue Date	30/09/2023
Ref. No.	EAL/F37/116

Date of Sampling: 23/09/2023

Sr. No.	Location/ Operation Mentioned	Identified Contaminant	Sampling instrument used	Air Borne Contamination		
				Number of Sample	Range	Average
1.	Inside Process Area	Total Dust, RSPM	RDS	01	6.8	6.8
2.	Inside Packing Area			01	5.6	5.6
TWA concentration (As given in second schedule)		Reference method	No of workers Exposed at the location being monitored	Remarks	Signature Person Taking Samples	Name of Taking Person Samples
mg/m ³						
10		Gravimetric	04	---		Mr. Sagar Bhandari
			03	---		

For, Earth Envirotech,



097247 34757



02836-237150



info@earthenvirotech.com



www.earthenvirotech.com

7 & 15, Ground Floor, Madhav Place, Plot No. 55, Sector-8, Opp. D-Mart Mall, Gandhidham-Kutch. 370201, Gujarat, India.

Report Ref. No: EE/ENV/2023/09/109

Report Date: 30/09/2023

TEST REPORT

(For the Month of September - 2023)

Client Details			
Name: M/s. Emami Agrotech Limited.			
Address: Survey No.: 49, Location – 2 of Smart Industrial Port City (SIPC) of KPT (DPT) Ps-Kandla Marine Police Station, Tal.: Gandhidham, Dist.: Kutch - 370210			
Sample Details			
Sample ID	EAL/N1-N10	Sampling Location	As per table
Measurement Start Date	23/09/2023	Type of Sample	Noise Monitoring
Measurement End Date	23/09/2023	Sampling Instrument	Sound Level Meter
Measurement Done By	Earth Envirotech Team	Sampling Method	IS 9989 : 2020

ANALYSIS RESULTS

Sr. No.	Location Name	Unit	Day Time	Night Time
			Spot Noise Level dB(A) Maximum	Spot Noise Level dB(A) Maximum
Standard Limits		dB(A)	75.0	70.0
1.	Near FG Loading Area	dB(A)	69.2	65.8
2.	Inside Manual Tin Packaging Area	dB(A)	71.3	68.7
3.	Inside Tin Packing Area	dB(A)	72.3	66.2
4.	Inside Tin Packing Office	dB(A)	69.8	61.8
5.	Inside Coal Yard Area	dB(A)	62.3	59.7
6.	Inside Boiler Control Room	dB(A)	67.2	65.9
7.	Inside Refinery Plant Control Room	dB(A)	66.6	60.5
8.	Near D. G. Set Area	dB(A)	65.5	58.7
9.	Near ETP Compressor Area	dB(A)	65.9	61.2
10.	Near FG Truck Loading Area	dB(A)	71.2	68.5


 Analyzed By:



- Analysis is subject to the condition in which the sample is received at laboratory.
- Report cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be return till 15 days from the date of sampling.

COMPLIANCE REPORT OF CONSENT AND AUTHORISATION (CCA) AMENDMENT**(CCA Amendment NO.: A - 125991, Date of Issue: 29/04/2023 is valid up to 09/08/2026)**

NO.	BRIEF SPECIFICATION					Compliance Report
1	Consent Amendment order no A-125991; Date of Issue: 29/04/2023.					Noted.
2	The consent shall be valid up to 09/08/2026 for the use of outlet for the discharge of treated effluent and emission due to operation of industrial plant manufacturing of following products at PLOT/SURVEY NO. 49, LOCATION-2, PS- KANDALA MARINE POLICE STATION, TALUKA-GANDHIDHAM, DIST.- KUTCH-370210.					We are manufacturing only the products which are granted here. Annex-1
	Sr. No.	Product	Quantity As Per CCA Per MT/Month			
			Existing	Proposed	Total	
	1.	Refined Palm Oil	66,500	----	66,500	
	2.	Palm Fatty Acid	3,500	----	3,500	
	3.	Refined Soya Oil	35,000	----	35,000	
	4.	Soya Fatty Acid	100	----	100	
	5.	Acid Oil	900	----	900	
	6.	Vanaspati	5800	----	5800	
	7.	Vanaspati Fatty Acid	200	----	200	
	8.	Spent Earth	600	----	600	
	9.	Empty Tin container (15 Liter)	----	400	400	
	10.	HDPE Jars (15 Liter)	----	25	25	
11.	HDPE Jar (5 Liter)	----	15	15		
SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:						
1	There shall be no change in existing water consumption, waste water generation & its mode of disposal, hazardous waste generation & its mode of disposal, due to CCA amendment					Noted and agreed.
2	Industry shall not carry out any activity which may attract the applicability of EIA notification -2006 & its amendment					Agreed. No activity attracting applicability of EIA notification – 2006 will be carried out.
3	No ground water shall be withdrawal without prior permission from CGWA as per Hon’ble NGT order.					We are not using ground water. Our water source is DPA and GWIL.
4	Unit shall obtain fresh water from valid source have permission of the competent authority.					Complied.
5.	Industry shall Manage Solid Waste generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule -3 (46))					Noted.
6.	Industry shall comply with coal handling guideline of this board.					Noted.

7.	Industry shall provide dedicated storage facility for fly ash.					Complied with this.	
8.	Industry shall dispose of fly ash only as per fly ash notification & maintain its record.					Noted & Agreed.	
9.	Industry shall comply with fly ash notification 1999 as per amended from time to time.					Noted.	
10.	Industry shall renew public Liability insurance Policy time to time & submit a copy of the same to same to this office.					Noted.	
11.	Industry shall comply with circular of the Board dated 27/08/2021 regarding retrofitting of emission control/equipment in D.G. set of capacity 125 KVA and above as per system & procedure for emission compliance testing of Retrofit Emission control Devices (RFCD) for D.G. Set issued by CPCB dated 01/02/2022 at the earliest and submit compliance.					Noted.	
3	CONDITION NO. 4 OF THE SAID IS CCA AMENDED AS BELOW						
4.1	The following shall be used as fuel in TFH, vessel, Furnace, Heating Furnace & D.G. Set respectively:					We only use the fuel which is mentioned here.	
	Sr. No.	Utility	Fuel	Quantity			
				Existing	Proposed		Total
	1.	AFBC Steam Boiler (26 TPH)	Imported Coal	7.5 MT/Hr	--		7.5 MT/Hr
	2.	AFBC Steam Boiler (16 TPH)	Imported Coal	4.5MT/Hr	--		4.5MT/Hr
	3.	TFH (40 L Kcal)	Imported Coal	6MT/Hr	--		6MT/Hr
	4.	TFH (20 L Kcal)	Imported Coal	4MT/Hr	--		4MT/Hr
	5.	TFH (8 L Kcal)	Imported Coal	2MT/Hr	--		2MT/Hr
	6.	D.G. Set (2000 KVA)	Diesel	450Lit/Hr	--		450Lit/Hr
7.	D.G. Set (2 nos.) (1500 KVA)	Diesel	--	340 Lit/Hr	340 Lit/Hr		
4.2	The applicant shall install & operate air pollution control system efficiently in order to achieve prescribed norms.					Complied.	
4.3	The flue gas emission through stack attached to Steam Boilers, TFHs & D.G. Sets shall conform to the following standards.					We complied with this condition.	
	Sr. No.	Stack attached to	Stack height	APCM	Parameter		Permissible limit
	Existing						
	1.	AFBC Steam Boiler (Cap:26 TPH)	60 m.	ESP & Water Scrubber	PM SO ₂ NO _x		150mg/Nm ³ 100ppm 50ppm
	2.	AFBC Steam Boiler (16 TPH)					
	3.	Thermic Fluid Heater (40 L Kcal)	30 m.	Bag filter & Water Scrubber	PM SO ₂ NO _x		150mg/Nm ³ 100ppm 50ppm
	4.	Thermic Fluid Heater (20 L Kcal)		Bag filter & Water Scrubber			



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

CCA-Amendment

(A-125991)

No. PC/CCA-KUTCH- 1655(2)/ GPCB ID-72346/ 741754

Date: 10/5/23

To,
M/s. Emami Agrotech Limited,
Plot No. 49, Location-2,
Ps-Kandla Marine Police Station,
Tal: Gandhidham,
Dist: Kutch- 370 210.

SUB: Amendment in the consolidated consent & Authorization of the Board.

REF: 1) CCA issued by this office vide order no- **AWH- 115551** dated 20/11/2021 valid up to 09/08/2026.
2) CTE Amendment issued by this office vide order no. **110282** dated 05/12/2020 valid upto 09/11/2025.
3) Your CCA Amendment Application Inward ID No. **273352** dated **22/02/2023**.

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)-1981 and Authorization under rule 6(2) of the Hazardous And Other Waste (Management and Transboundary) Rules, 2016 & framed under the Environment (Protection) Act-1986, The Board has granted CCA vide order No. **AWH- 115551** issued vide order dated 20/11/2021 valid upto 09/08/2026.

The Board has right to review and amend the conditions of the said CCA and its amendment orders. Now, considering your application for CCA amendment inward ID No. **273352** dated 22/02/2023, the said CCA order is amended as below:

1. The order shall be read as CCA amendment Order No.: A- 125991 Date of Issue: 29/04/2023, valid up to 09/08/2026.
2. The condition no. 2 of the said CCA is amended as below:
 2. The consent shall be valid up to 09/08/2026 for the use of outlet for the discharge of treated effluent and emission due to operation of industrial plant manufacturing following items/ products:

Sr. No.	Product	Quantity as per CCA dated:20/11/2021	Proposed quantity as per CTE- Amendment	Total quantity after CCA- Amendment
Existing				
1.	Refined Palm Oil	66,500 MT/Month	--	66,500 MT/Month
2.	Palm Fatty Acid	3,500 MT/Month	--	3,500 MT/Month
3.	Refined Soya Oil	35,000 MT/Month	--	35,000 MT/Month
4.	Soya Fatty Acid	100 MT/Month	--	100 MT/Month
5.	Acid Oil	900 MT/Month	--	900 MT/Month
6.	Vanaspati	5800 MT/Month	--	5800 MT/Month

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Clean Gujarat Green Gujarat

Website : <https://gpcb.gujarat.gov.in>

7.	Vanaspati Fatty Acid	200 MT/Month	--	200 MT/Month
8.	Spent Earth	600 MT/Month	--	600 MT/Month
Proposed				
9.	Empty Tin Container (15 Liter)	--	400 MT/Month	400 MT/Month
10.	HDPE Jars (15 Liter)	--	25 MT/Month	25 MT/Month
11.	HDPE Jars (5 Liter)	--	15 MT/Month	15 MT/Month

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:

1. There shall be no change in existing water consumption, waste water generation & its mode of disposal, hazardous waste generation & its mode of disposal, due to CCA-Amendment.
2. Industry shall not carry out any activity which may attract the applicability of EIA notification-2006 & its amendment.
3. No ground water shall be withdrawal without prior permission from CGWA as per Hon'ble NGT order.
4. Unit shall obtain fresh water from valid source have permission of the competent authority.
5. Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
6. Industry shall comply with coal handling guideline of this Board.
7. Industry shall provide dedicated storage facility for fly ash.
8. Industry shall dispose of fly ash only as per fly ash notification & maintain its record.
9. Industry shall comply with fly ash notification 1999 as amended from time to time.
10. Industry shall renew Public Liability Insurance Policy time to time & submit a copy of the same to this office.
11. Industry shall comply with circular of the Board dated 27/08/2021 regarding retrofitting of emission control/ equipment in D.G. Set of capacity 125 KVA and above as per system & procedure for emission compliance testing of Retrofit Emission Control Devices (RECD) for D.G. Set issued by CPCB dated 01/02/2022 at the earliest and submit compliance.

3. The condition no. 4 of the said CCA is amended as below:

- 4.1 The following shall be used as fuel in TFH, Vessel, Furnace, Heating Furnace & D.G. Set respectively:

Sr. No.	Utility	Fuel	Quantity		
			Existing	Proposed	Total
1.	AFBC Steam Boiler (26 TPH)	Imported Coal	7.5 MT/Hr	--	7.5 MT/Hr
2.	AFBC Steam Boiler (16 TPH)	Imported Coal	4.5 MT/Hr	--	4.5 MT/Hr



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

3.	TFH (40 L Kcal)	Imported Coal	6 MT/Hr	--	6 MT/Hr
4.	TFH (20 L Kcal)	Imported Coal	4 MT/Hr	--	4 MT/Hr
5.	TFH (8 L Kcal)	Imported Coal	2 MT/Hr	--	2 MT/Hr
6.	D.G. Set (2000 KVA)	Diesel	450 Lit/Hr	--	450 Lit/Hr
7.	D.G. Set (2 nos.) (1500 KVA)	Diesel	--	340 Lit/Hr	340 Lit/Hr

4.2 The applicant shall install & operate air pollution control system efficiently in order to achieve prescribed norms.

4.3 The flue gas emission through stack attached to Steam Boilers, TFHs & D.G. Sets shall conform to the following standards;

Sr. No	Stack attached to	Stack height	APCM	Parameter	Permissible limit
Existing					
1.	AFBC Steam Boiler (Cap:26 TPH)	60 m	ESP & Water Scrubber	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm
2.	AFBC Steam Boiler (Cap:16 TPH)				
3.	Thermic Fluid Heater (Cap: 40 L Kcal)	30 m	Bag Filter & Water Scrubber	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm
4.	Thermic Fluid Heater (Cap: 20 L Kcal)		Bag Filter & Water Scrubber		
5.	Thermic Fluid Heater (Cap: 8 L Kcal)	30 m	Bag Filter & Water Scrubber	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm
6.	D.G. Set (2000 KVA)	15 m	Adequate Stack height	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm
7.	D.G. Set (2 nos.) (1500 KVA) (Proposed)	15 m	Adequate Stack height		
8.	Coal Crushing Unit (Proposed)	11 m	Bag Filter	PM SO ₂ NO _x	150 mg/Nm ³ 100 ppm 50 ppm

4.4 The process gas emission through stack attached to Acid oil plant scrubber shall conform to the following standards;

Sr. No	Stack attached to	Stack height	APCM	Parameter	Permissible limit
1.	Acid oil plant scrubber (Existing)	15 m	Water Scrubber	Acid Mist SO ₂	50 mg/Nm ³ 40 mg/Nm ³

- 4.5 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder as per National Ambient Air Quality Standards issued by MoEF & CC dated 18th November-2009. In addition to following parameters Industry shall also carry out AAQ monitoring of all other applicable parameter as per MoEF notification dated 18/11/2009 and submit the report to the Board.

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in $\mu\text{g}/\text{M}^3$
1.	Sulphur Dioxide (SO_2)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO_2)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than $10 \mu\text{m}$) or PM_{10}	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than $2.5 \mu\text{m}$) or $\text{PM}_{2.5}$	Annual 24 Hours	40 60

- 4.6 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.
- 4.7 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 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
4. Rest of conditions of Consolidated Consent & Authorization (CC&A) order No: AWH-115551 issued vide this office dated 20/11/2021 shall remain unchanged and industry shall comply with the same judicially.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD



(T. C. Patel)
Unit Head

COMPLIANCE REPORT OF CONSENT AND AUTHORISATION (CCA)

(CCA NO.: AWH – 115551, Date of Issue: 28/10/2021 is valid up to 09/08/2026)

NO.	BRIEF SPECIFICATION	Compliance Report																											
1	Consent order no AWH-115551; Date of Issue: 28/10/2021.	Noted.																											
2	<p>The consent shall be valid up to 09/08/2026 for the use of outlet for the discharge of trade effluent emission due to operation of industrial plant for manufacture of following products.</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Product</th><th>Quantity per Month</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Refined Palm Oil</td><td>66500 MT</td></tr> <tr> <td>2.</td><td>Refined Soya Oil</td><td>35000 MT</td></tr> <tr> <td>3.</td><td>Vanaspati</td><td>5800 MT</td></tr> <tr> <td>4.</td><td>Palm Fatty Acid</td><td>3500 MT</td></tr> <tr> <td>5.</td><td>Soya fatty Acid</td><td>100 MT</td></tr> <tr> <td>6.</td><td>Acid Oil- by product</td><td>900 MT</td></tr> <tr> <td>7.</td><td>Vanaspati fatty Acid</td><td>200 MT</td></tr> <tr> <td>8.</td><td>Spent Acid</td><td>600 MT</td></tr> </tbody> </table>	Sr. No.	Product	Quantity per Month	1.	Refined Palm Oil	66500 MT	2.	Refined Soya Oil	35000 MT	3.	Vanaspati	5800 MT	4.	Palm Fatty Acid	3500 MT	5.	Soya fatty Acid	100 MT	6.	Acid Oil- by product	900 MT	7.	Vanaspati fatty Acid	200 MT	8.	Spent Acid	600 MT	<p>We are manufacturing only the products which are granted here.</p> <p>Please note that during our manufacturing process there is generate the by-product spent earth not spent acid.</p>
Sr. No.	Product	Quantity per Month																											
1.	Refined Palm Oil	66500 MT																											
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SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:																													
1.	Industry shall not carry out any activities which attract provision of EIA notification 2016 and its amendment.	Noted.																											
2.	Industry shall install & operate conveyance pipeline (4.81 KM) only after CRZ clearance from competent authority.	Agreed.																											
3.	Industry shall comply with applicable conditions of Environment Clearance granted to Kandla Port Trust for Smart Industrial Port City (SIPC) granted by MoEF & CC vide order dated 10/10/2017.	Complied.																											
4.	Industry shall comply with Manufacturing, Storage and import of Hazardous Chemicals Rules - 1989.	We do meet the condition.																											
5.	Industry shall comply with coal handling guidelines of this Board	Complied.																											
6.	Industry shall provide dedicated silo for storage of fly ash & shall dispose of fly ash as per CPCB guideline.	We have provided dedicated silo for storage of fly ash.																											
7.	industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46))	Complied.																											
8.	As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'	Complied.																											
9.	Industry shall not withdrawal ground water without prior NOC of CGWA as per Order of Hon. National Green Tribunal.	We are not using ground water. Our source of water is DPA &																											

		GWIL.
10.	<p>Industry shall obtain registration with approved EPR action plan as per Plastic Waste Management Rules-2016 & comply with following conditions:</p> <ol style="list-style-type: none"> Industry shall submit a copy of EPR action plan approved by competent authority along with EPR liability for state of Gujarat & submit plan for compliance of the same with complete details regarding collection centers, mode of conveyance & disposal through registered recyclers/ re processors/ co processors. Immediately start implementation of EPR action plan and submit quarterly compliance report against EPR liability for Gujarat regularly clearly indicating plastic waste collection centers, mode of transportation and disposal through recycler/ re-processor/ co-processor with all supporting documents. Comply with manifest system introduced by this Board. (Available on GPCB website) for the movement of plastic wastes within and from State of Gujarat & submits copies of the same with quarterly compliance report. Purchase plastic raw material only from manufactures industry having valid registration under plastic rules, maintain its record and submit its report with quarterly compliance. Maintain complete record about post-consumer waste and in-plant, plastic waste with clearly indicating quantity generated along with acknowledge of re-processor/recycler about quantity. 	We do meet the condition.
3	CONDITIONS UNDER THE WATER ACT:	
3.1	Water source: DPT & GWIL.	Noted. Our source of water is DPT & GWIL.
3.2	The quantity of the fresh water consumption for industrial purpose shall not exceed 2616 KL/Day (Fresh: 1666 KLD + Recycle:950 KLD)	Industrial water consumption is not more than 2616 KL/Day.
3.3	Industry shall provide additional 3 stage RO system to increase reuse of waste water after treatment. Reject of existing RO is subjected RO1. Reject of RO1 shall be subject to ERS followed by RO2 & RO3 permeate of ROs & MEE condensate (950 KLD) shall be mixed up with raw water & reused.	Complied with this.
3.4	The quantity of the fresh water consumption for domestic purpose shall not exceed 30 KL/Day.	Domestic water consumption is not more than 30 KL/Day.
3.5	The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall not exceed 440 KL/Day	Industrial effluent generation is not more than 440 KL/Day.

3.6	The quantity of domestic waste water (sewage) shall not exceed 20 KL/Day.	Complied. Domestic waste water not exceed than 20 KL/Day.																																
3.7	<div>industry shall operate Effluent Treatment Plant (ETP) adequately so that treated industrial effluent shall comply with following norms:</div> <table><tr><th>PARAMETERS</th><th>PRESCRIBED LIMITS</th></tr><tr><td>Ph</td><td>6.5 to 8.5</td></tr><tr><td>Temperature</td><td>40^o C</td></tr><tr><td>Colour (Pt. Co. scale) in units</td><td>100 units</td></tr><tr><td>Suspended Solids</td><td>100 mg/L</td></tr><tr><td>Oil and Grease</td><td>10 mg/L</td></tr><tr><td>Ammonical Nitrogen</td><td>50 mg/L</td></tr><tr><td>BOD (3 days at 27^o C)</td><td>30 mg/L</td></tr><tr><td>COD</td><td>100 mg/L</td></tr><tr><td>Chlorides</td><td>600 mg/L</td></tr><tr><td>Sulphates</td><td>1000 mg/L</td></tr><tr><td>Total Dissolved Solids</td><td>2100 mg/L</td></tr><tr><td>Percent Sodium</td><td>60%</td></tr><tr><td>Phenolic Compound</td><td>1 mg/L</td></tr><tr><td>Sulphides</td><td>5 mg/L</td></tr><tr><td>Sodium Absorption ratio</td><td>26</td></tr></table>	PARAMETERS	PRESCRIBED LIMITS	Ph	6.5 to 8.5	Temperature	40 ^o C	Colour (Pt. Co. scale) in units	100 units	Suspended Solids	100 mg/L	Oil and Grease	10 mg/L	Ammonical Nitrogen	50 mg/L	BOD (3 days at 27 ^o C)	30 mg/L	COD	100 mg/L	Chlorides	600 mg/L	Sulphates	1000 mg/L	Total Dissolved Solids	2100 mg/L	Percent Sodium	60%	Phenolic Compound	1 mg/L	Sulphides	5 mg/L	Sodium Absorption ratio	26	We have provided the adequate ETP for effluent treatment. Effluent will only discharge after achieving these parameters in prescribed limits.
PARAMETERS	PRESCRIBED LIMITS																																	
Ph	6.5 to 8.5																																	
Temperature	40 ^o C																																	
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Phenolic Compound	1 mg/L																																	
Sulphides	5 mg/L																																	
Sodium Absorption ratio	26																																	
3.8	Industrial effluent after confirming to above norms shall be partially (410 KLD) subjected lo (Effluent Recovery System) ERS followed by RO system. RO reject shall be subjected to MEE, while RO permeate & MEE condensate shall be reused back in process. Remaining treated effluent (30 KLD) conform to above norms shall be discharge on land for gardening & plantation.	Complied with this.																																
3.9	Industry shall provide flow meter at inlet and outlet to all RO system ERS, outlet of ETP, reuse Line for RO permeate & MEE condensate & maintain its records.	Fully Complied with this condition.																																
3.10	<div>Industry shall operate sewage Treatment Plant (STP) adequately so that treated domestic effluent shall comply with following norms:</div> <table><tr><th>PARAMETER</th><th>PERMISSIBLE LIMIT</th></tr><tr><td>Ph</td><td>6.5 to 9.0</td></tr><tr><td>BOD (5 days at 20^o C)</td><td>20 mg/L</td></tr><tr><td>Suspended solid</td><td>100 mg/L</td></tr><tr><td>Fecal Coliform</td><td><1000 MPN/100 ml</td></tr></table>	PARAMETER	PERMISSIBLE LIMIT	Ph	6.5 to 9.0	BOD (5 days at 20 ^o C)	20 mg/L	Suspended solid	100 mg/L	Fecal Coliform	<1000 MPN/100 ml	Noted.																						
PARAMETER	PERMISSIBLE LIMIT																																	
Ph	6.5 to 9.0																																	
BOD (5 days at 20 ^o C)	20 mg/L																																	
Suspended solid	100 mg/L																																	
Fecal Coliform	<1000 MPN/100 ml																																	
3.11	Treated domestic effluent conforming to above standard shall be discharged on land for gardening & plantation within premises	Complied with this.																																
3.12	Industry shall provide fixed pipeline network with flow meter for even distribution of treated effluent domestic effluent for gardening & plantation and maintain its record.	Complied with this condition.																																
3.13	Disposal system for storm water shall be provided separately, in no circumstances storm water shall be mixed with the industrial effluent in any case.	Noted.																																
4.	CONDITIONS UNDER THE AIR ACT :																																	

4.1	The following shall be used as a fuel in Boiler, Thermic Fluid Heaters & D.G. Set respectively:					We only use the fuel which is mentioned here.	
	Sr. No.	Utility	Fuel	Quantity			
	1.	AFBC Stream Boilers (26 TPH)	Imported Coal	7.5 MT/hr.			
	2.	AFBC Stream Boilers (16 TPH)	Imported Coal	4.5 MT/hr.			
	3.	Thermic Fluid Heaters (40 L Kcal)	Imported Coal	6 MT/hr.			
	4.	Thermic Fluid Heaters (20 L Kcal)	Imported Coal	4 MT/hr.			
	5.	Thermic Fluid Heaters (8 L Kcal)	Imported Coal	2 MT/hr.			
	6.	D.G. Set (2000 KVA)	Diesel	450 Lit/hr.			
4.2	The applicant shall install & operate comprehensive adequate air pollution control system in order to achieve prescribed norms					We are operating the APCM adequately and efficiently as per consent and meets the GPCB norms.	
4.3	The flue gas emission through slack attached to Thermic Fluid Heaters, D.G. Set & AFBC Boilers shall conform to the following standards:					Complied. There is error in stack details of TFH in consent: we have provided the common stack for the all three thermic fluid heaters (40 L Kcal, 20 L Kcal and 8 L Kcal). We are operating the APCM adequately and efficiently as per consent and meets the GPCB norms.	
	Sr. No.	Stack attached to	Stack height in meter	APCM	Parameter		Permissible limit
	1.	Thermic Fluid Heaters (40 Lakh Kcal)	Common stack 30 meter	Bag filter, water scrubber	PM SO ₂ NO _x		150mg/NM ³ 100 ppm 50 ppm
	2.	Thermic Fluid Heaters (20 Lakh Kcal)					
	3.	Thermic Fluid Heaters (8 Lakh Kcal)	30				
	4.	D.G. Set (2000 KVA)	15	Adequate stack height			
	5.	AFBC stream Boiler (cap; 26 TPH)	60	Water scrubber, ESP			

	6.	AFBC Stream Boiler (Cap: 16 TPH)																									
4.4	The process emission through stack attached to Acid oil plant scrubber shall conform to the following standards: <table><tr><th>Sr. No.</th><th>Stack attached to</th><th>Stack height in meter</th><th>APCM</th><th>Parameter</th><th>Permissible limit</th></tr><tr><td>1.</td><td>Acid oil plant scrubber</td><td>15</td><td>Water scrubber</td><td>Acid mist PM</td><td>50mg/NM³ 50mg/NM³</td></tr></table>						Sr. No.	Stack attached to	Stack height in meter	APCM	Parameter	Permissible limit	1.	Acid oil plant scrubber	15	Water scrubber	Acid mist PM	50mg/NM ³ 50mg/NM ³	Complied, process gas emission within the plant has been confirmed the GPCB Norms.								
Sr. No.	Stack attached to	Stack height in meter	APCM	Parameter	Permissible limit																						
1.	Acid oil plant scrubber	15	Water scrubber	Acid mist PM	50mg/NM ³ 50mg/NM ³																						
4.5	The concentration of the following parameters in the ambient air within the premises of the industry and a distance of Parameters from the source) other than the stack/vent shall not exceed the following levels: <table><tr><th>Sr. No</th><th>Pollutant</th><th>Time weighted average</th><th>Concentration IN Ambient air µg/m3</th></tr><tr><td>1</td><td>Sulphur Dioxide (S02),</td><td>Annual 24Hours</td><td>50 80</td></tr><tr><td>2</td><td>Nitrogen Dioxide (N02),</td><td>Annual 24Hours</td><td>40 80</td></tr><tr><td>3</td><td>Particular MatterPM₁₀</td><td>Annual 24Hours</td><td>60 100</td></tr><tr><td>4</td><td>Particulate MatterPM_{2.5}</td><td>Annual 24Hours</td><td>40 60</td></tr></table>						Sr. No	Pollutant	Time weighted average	Concentration IN Ambient air µg/m3	1	Sulphur Dioxide (S02),	Annual 24Hours	50 80	2	Nitrogen Dioxide (N02),	Annual 24Hours	40 80	3	Particular MatterPM ₁₀	Annual 24Hours	60 100	4	Particulate MatterPM _{2.5}	Annual 24Hours	40 60	Complied. Ambient Air quality within plant premises is confirmed to the prescribed norms.
Sr. No	Pollutant	Time weighted average	Concentration IN Ambient air µg/m3																								
1	Sulphur Dioxide (S02),	Annual 24Hours	50 80																								
2	Nitrogen Dioxide (N02),	Annual 24Hours	40 80																								
3	Particular MatterPM ₁₀	Annual 24Hours	60 100																								
4	Particulate MatterPM _{2.5}	Annual 24Hours	40 60																								
4.6	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.						Complied with this We have provided adequate SMF Facility to stack.																				
4.7	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 and70 dB (A) during night time Daytime is reckoned in between 6a.m. and10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.						Complied. Noise standards within the plant premises are confirming the prescribed norms. Night reports also attached																				
4.8	D.G. Sets Conditions The D.G. Set. Shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-l of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981.																										

	D.G. Sets standards:- The flue gas emission through stack attached to D.G. Sets shall conform to the following standard:					
a)	The minimum height of stack to be provided with each of the generator set shall be $H=h + 0.2 (KVA)^{1/2}$, where H= Total stack height in meter, h= height of the building in meters where or by the side of w the generator set is installed.				We do meet the condition.	
b)	Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.				We do meet the condition.	
c)	The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.				We do meet the condition.	
d)	The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).				We do meet the condition.	
e)	All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises, within the ambient noise requirements by proper siting and control measures				We do meet the condition.	
f)	Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.				We do meet the condition.	
g)	A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.				We do meet the condition.	
5.	Authorization under hazardous and other waste [Management & Transboundary Movement] Rules, 2016 Form-2					
5.1	Authorization Number. AWH-115551 Date of issue: 28/10/2021.				Noted.	
5.2	M/s. Emami Agrotech Limited Is hereby granted an authorization to operate facility for following hazardous waste on the premises situated at-49,Location-2 of smart industrial port city (SIDC) OF KPT (DPT), Ps-Kandla Marine Police Station, Tal: Anjar, Dis: Kutch.				Complied with this. We have provided adequate storage area for the hazardous waste and disposed it is as per norms.	
	Sr. No.	Waste	Quantity per Annum	Category		Facility
	1.	Used or Spent Oil	4 MT	I-5.1		Collection, storage, transportation& disposed by registered recycler
	2.	Chemical sludge from wastewater treatment (ETP sludge).	120 MT	I-34.3		Collection, storage, transportation & disposed of to TSDF site

	3.	Discarded Containers/ Barrels Drum/ Bags	2MT	I-33.1	Collection, storage, e disposal by selling to authorized decontaminator.	
	4.	Spent Nickel Catalyst	3.6MT		Collection, storage, & disposal by selling to authorized recycler.	
	5.	Spent Ion Exchange Resin containing toxic metal	1 MT		Collection, storage, transportation & disposed at common CHWIF	
	6.	Contaminated Cotton Rags or other cleaning material	1 MT		Collection, storage, transportation & disposed at common CHWIF	
	7.	Evaporating salt	1560 MT		Collection, storage, transportation & disposed off to TSDF sit	
5.3	The authorization shall be valid up to 09/08/2026.					Noted.
5.4	The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act1986.					Noted & complied.
5.5	The authorization is granted to operate a facility for collection, storage within factory premises transportation and ultimate disposal of Hazardous wastes as per condition no.5.2 to the industry having valid CCA of this Board.					Hazardous wastes are disposed as per CCA. Please find attached certificate of disposal
5.	Terms & Condition of authorization:-					
1	The applicant shall comply with the provisions of the Environment (Protection) Act1986 and the rules made there under.					Noted.
2	The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.					Noted.
3	The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.					Noted.
4	Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.					Noted.
5	The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible					Complied. We have prepared the EPR Plan and disaster

	impacts and also carry out mock drill in this regard at regular interval of time.	management plant and follow the same.
6	The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Wastes and Penalty"	Noted and shall be complied.
7	It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.	Noted and agreed.
8	An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous and Other Waste Ru , 2016	Noted.
9	The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.	We do meet the condition.
10	The record of consumption and fate of the imported hazardous and other wastes shall be maintained.	We do meet the condition.
11	The hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.	Noted.
12	The importer or exporter shall bear the cost of import or export and mitigation of damages if any.	Agreed with this.
13	Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.	Complied with these guidelines.
14	The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) the wastes generated.	Noted.
15	Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form-4 by 30th day of June of every year for the preceding period April to March.	Noted and complied with this.
16	In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board.	Noted.
17	As per "Public Liability insurance Act-91" company shall get insurance Policy, if applicable.	PLI policy not applicable to our unit.
18	Empty drums and containers of toxic and hazard material shall be treated as per guideline published for 'Management & Handling of discarded containers'. Records of the same shall be maintained and forwarded to Gujarat Pollution	Noted and complied.

	Control Board regularly.	
19	In case of transport of hazardous wastes to a facility for (i.e. treatment, storage and disposal) existing in a State other than the State where hazardous wastes are generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board or Committee of the concerned State of Union Territory Administration where the facility exists.	We provided adequate facility for the hazardous waste.
20	Unit shall take all concrete measures to show tangible results in waste generation, reduction, avoidance, reuse and recycle. Actions taken in this regard shall be submitted within three months and also along with Form-4.	Noted.
21	Industry shall have to display the relevant information with regards to hazardous waste as indicated in the Hon. Supreme Court's Order in W.P. No.657 of 1995 dated 14th October, 2003.	We do meet the conditions.
22	Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.	Complied with this.
6	SPECIFIC CONDITIONS	
6.1	The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.	Noted.
6.2	Handling over of the hazardous and other wastes to the authorized actual user shall be only after making the entry in the passbook of the actual user.	We do meet the conditions.
6.3	In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.	Complied and standards are maintained as per CCA issued by SPCB.
6.4	The occupier of the facility shall comply Standard operating procedure/guidelines published by MOEF&CC or CPCB or GPCB from time to time.	Shall be complied.
6.5	Unit shall comply provisions of E-Waste Management Rules-2016.	Complied.
6.6	The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.	Shall be complied.
6.7	The occupiers of facilities shall not store the hazardous and other wastes for a period not exceeding ninety days. Prior permission of the Board shall be obtained for extension of the storage period.	Shall be complied.
6.8	The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available	Complied.

	during the inspection.	
6.9	The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles.	Complied with this.
7.	GENERAL CONDITIONS: -	
7.1	Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.	Noted.
7.2	Applicant shall also comply with the general conditions given in annexure I.	Noted.
7.3	Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, inspectorate of Factories and local body.	Noted and should be complied.
7.4	In case of failure of pollution control equipment's, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.	Noted.
7.5	The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues, These cells/units also coordinate the exercise of environmental audit and preparation of enviro environmental statements.	Noted.
7.6	The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.	Environmental Audit is not applicable to our unit.
7.7	The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.	Noted & agreed.
7.8	In case of change of ownership/management the name and address of the new owners/ partners/directors/proprietor should immediately be intimated to the Board.	Noted & agreed.
7.9	Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no.657 of 1995 dated 14th October 2003.	Shall be complied.

**Monitoring the implemental Safe guards Ministry of Environment &
Forests
Regional office (WZ), Bhopal.
Monitoring Report (Upto Nov, 2023)
DATA SHEET**

Sr. No.	Particulars	Reply
1.	Project type: River valley/ Mining/Industry/ thermal/nuclear/Other (specify)	Edible oil refinery Unit
2.	Name of the project	Smart Industrial Port City (SIPC) at Green field site – 2 (KPT Complex, 850 acres)
3.	Clearance Letter (s). OM no and date	MoEFCC File No. F.No.21-169/2017-iA-III Proposal No. IA/GJ/MIS/67685/2017 Dated 10 October 2017
4.	Location a) District (s) b) State (s) c) Location/latitude/longitude	Location: Kandla a) Kutch b) Gujarat c) Location: Kandla Latitude: 23°02'21.5"N , Longitude: 70°10'33.7" E
5.	Address for Correspondence a) address of Concerned Project Chief Engineer (with pin code & telephone/telex/fax numbers) b) Address of Executive project Engineer/manager/ (with pin code fax numbers)	Emami Agrotech Ltd. Plot no. 49, SIPC, Kandla Gujarat PIN code : 370210 Suresh Kochra EHS Manager Plot no. 49, SIPC, Kandla Gujarat PIN code : 370210 9537664754
6.	Salient features a) Of the Project b) Of the Environmental Management Plan	ESP IN BOILER ZLD IN WATER TREATMENT

7.	Production Details during compliance period and (or) during the previous financial year	Production started
8.	Breakup of the project area a) Submergence area: forest & non-forest b) Others	Forest area is not included
9.	Breakup of the project affected population with enumeration of those living houses/dwelling units only agricultural land & landless laborer's/artisan a) SC. ST/Adivasis b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey).	Not Applicable
10.	Financial details a) Project cost as originally planned and subsequent revised estimates and the year of prices reference b) Allocation made for environmental management plans with item wise and year wise break-up c) Benefit cost ratio/Internal rate of Return and the year of assessment Whether (c) includes the cost of environmental management plans so far. d) Actual expenditure incurred on the project e) Actual expenditure incurred on the environmental management plans so far.	Investment till date 213.89 cr. Rest in progress. Delayed due to no non supply of utilities from DPA. Hence IRR calculation cannot be done. We are facing huge losses in our operations. Actual expenditure will be concluded only after completion. Actual expenditure for EMS will be submitted on completion. Details of EMS submitted to GPCB
11.	Forest land requirement	Nil

	<p>a) The status of approval for diversion of forest land for non-forestry use</p> <p>b) The status of clear felling</p> <p>c) The status of compensatory a forestation, if any</p> <p>d) Comments on the viability & sustainability of compensatory a forestation programmed in the light of actual field experience so far</p>	<p>Nil- Not related.</p> <p>NIL</p> <p>Nil</p> <p>None</p>
12.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information.	NA, no felling is required
13.	<p>Status of construction</p> <p>a) Date of commencement (Actual and/orplanned)</p> <p>b) Date of completion (Actual and/or planned)</p>	Partial operation started in August 2021, Complete readiness pending due to non supply of utilities from DPT.
14.	Reasons for the delay if the Project is yet to start	Delay due to non supply of utilities from DPT.
15.	<p>Date of site visited</p> <p>a) The dates on which the project was monitored by the regional office on pervious occasion. if any</p> <p>b) The date site visit for this monitoring report</p>	---
16.	<p>Details of the correspondence with project authorities for obtaining action plans/information on status of compliance to safeguard other than the routine letters for logistic support for site visit.</p> <p>(The first monitoring report may contain the details of all the letters issued so far but the later reports may cover only the letters issued subsequently.)</p>	---

. No.	EC Conditions	Compliance Status
PART A – SPECIFIC CONDITIONS		
I. Construction Phase		
I	The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building bylaws.	The required Clearance (NOC) had already obtained from the GPCB vide letter <u>CTE Amendment</u> dated <u>10.10.2022</u> NOC no. <u>121265</u> Attached herewith as Annexure-1
ii	No part of the project will lie in the CRZ area	We hereby assure that no part of project lies in CRZ area
Iii	The Clearance is only for Infrastructure development and individual allottees shall have to take E.C. as applicable.	EC is not applicable to edible oil industry unit. Instead CCA from GPCB is taken and all conditions there in are well complied
Iv	No industries covered under Category A or B of the EIA notification shall be permitted	Noted and agreed to the condition. We hereby assure that no activity attracts the EIA notification 2006 and the amendment thereafter
V	No notified ponds or reservoirs shall be used up in the project. They should be demarcated and preserved.	Complied
Vi	The conditions of this E.C. will form part of the Lessee and Contractor agreements	---
Vii	The EMP and the DMP shall also form part of the lessee agreements and responsibilities fixed	---
Viii	The stipulations as provided in Annexure XIV of the revised EIA notification of 2016 would be implemented and also form part of the Lessee and Contractor agreements	---
Ix	Open areas would be serviced by 100% Solar Lighting with a 50% power backup.	We have started Solar power generation system with capacity 2MW

. No.	EC Conditions	Compliance Status
X	Sewage shall be treated in the STP based on Submerged Aerated Fixed Reactor and Moving Bed Bio-Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration). The treated effluent from STP shall be recycled/re-used for flushing, horticulture, and road washing	20KLD STP plant is operational, maintained recycled water used for flushng, horticulture, road washing and Gardening.
Xi	The project will provide a CETP for effluent treatment	Not applicable
Xii	Excess treated water shall be entirely used up and also given to member industries for recycle and reuse. Possibilities shall also be explored for use in roadside plantation, spraying for dust suppression and forestry.	Not applicable
Xiii	No effluents should be allowed to flow into the creek	We hereby assure that no effluent will be allowed to flow into the creek.
Xiv	No Water desalination plant will be installed in the project without prior permission of the Ministry. Sweet water shall be taken from authorized sources only.	Point Noted. Raw water being taken from DPT
Xv	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 2 nos. of rain water storage ponds (catchment channels) for safe percolation of water into ground shall be provided as per CGWB guidelines	Rainwater storage pond (Catchment panels) installed as per EC condition for Rain water harvesting.
Xvi	Separate wet and dry bins must be provided in each unit and at	Area for wet and dry bins have been earmarked for segregation of

. No.	EC Conditions	Compliance Status
	the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate space shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site	waste as per the norms.
Xvii	An assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a 05 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organization of repute and specializing in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies.	All traffic densities and parking capabilities are well managed and maintained within the premises of Plot no. 49, SIPC Kandla
xviii	Project Proponent should comply with conditions stipulated at Appendix - XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016	---
Xix	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-	It is assured that the natural drain system is being maintained for ensuring unrestricted flow of water.

. No.	EC Conditions	Compliance Status
	swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done	
Xx	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/ tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	<p>It is assured that construction site is barricaded before the construction begins.</p> <p>Dust, smoke & other air pollution prevention measures is being provided for the building as well as the site</p>
Xxi	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction	We are assuring that the C&D debris is being stored at the designated area and further it is being used for the landfilling purpose.

. No.	EC Conditions	Compliance Status
	and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask	
Xxii	Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project	Not required as the construction workers are local.
xxiii	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface	Provided
xxiv	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the	Point noted for the compliance. Complied as per Energy Conservation Building Code (ECBC)

. No.	EC Conditions	Compliance Status
	building design. Wall, window, and roof u-values shall be as per ECBC specifications.	
Xxv	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan	Latest fixtures installed with least water wastage.
xxvi	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, Landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	separate pipe plumbing provided for supplying fresh water for drinking, washing and bathing. Separate pipe plumbing provided for Recycled water arrangements for flushing, cooling tower and gardening.
xxvii	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done	Separate plumbing line are provided for grey and black water.
xxviii	Solar based electric power shall be provided to each unit for at least two bulbs/ light and one fan. As proposed, central lighting and street lighting shall also be based on solar power	Solar power generation system installed with capacity 2MW
Xxix	A First Aid Room shall be provided in the project both during construction and operations of the project	We have provided the required first aid facility on the Site.
Xxx	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Already implemented

. No.	EC Conditions	Compliance Status
xxxi	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority	Complied
xxxii	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards	Complied DG stack and noise Monitoring and complied as per CPCB norms. Monitoring report is attached as Annexure – 2
xxxiii	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred	Complied
xxxiv	As proposed, no ground water shall be used during construction/ operation phase of the project	No ground water is being used. Ready mixed used in building construction.
xxxv	Approval of the CGWA require before any dewatering for basements	Point Noted
xxxvi	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.	complied
xxxvii	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution	Not generate hazardous waste during construction phase

. No.	EC Conditions	Compliance Status
	Control Board	
xxxviii	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during nonpeak hours.	Complied
xxxix	Ambient noise levels shall conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB	We hereby assure that ambient noise level confirms to the standard of Noise Pollution (Control and Regulation) Rules, 2000. Monitoring report of the noise is attached as Annexure - 2
XI	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction	Point noted, Ready mixed used in building construction.
Xli	comprehensive mobility plan, as	All regulations of DISH followed

. No.	EC Conditions	Compliance Status
	<p>per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ul style="list-style-type: none"> • Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. • Traffic calming measures. • Proper design of entry and exit points. • Parking norms as per local regulation 	
Xlii	<p>An assessment of the cumulative impact of all activities being carried out or proposed to be carried out by the project, shall be made for traffic densities and parking capabilities in a 05 kms radius from the site. A detailed traffic management and a traffic decongestion plan drawn up through an organisation of repute and specialising in Transport Planning shall be implemented to the satisfaction of the State Urban Development and Transport Departments shall also include the consent of all the concerned implementing agencies</p>	Complete layout is as per approval of DISH
Xliii	<p>Project Proponent should comply with conditions stipulated at Appendix – XIV of the amended EIA Notification vide S.O. 3999(E) dated 09.12.2016</p>	Point noted
II. Operation Phase		
I	Fresh water requirement from Gujarat Water Supply and	Complied

. No.	EC Conditions	Compliance Status
	Sewerage Board (GWSSB) water supply shall not exceed 6322.77 KLD.	Point noted for the compliance during operation phase-before
Ii	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. Preference should be given to planting native species. Where the trees need to be cut, compensatory plantation in the ratio of 1:3 (i.e. planting of 3 trees for every 1 tree that is cut) shall be done and maintained. As proposed 3,80,158 sqm area shall be provided for green belt development	Complied Tree Plantation maintained as per mandatory requirement by PCB
Iii	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms	Complied DG stack and noise Monitoring and complied as per CPCB norms. Monitoring report is attached as Annexure- 2
Iv	For indoor air quality the ventilation provisions as per National Building Code of India.	Ventilation provisions provided and Indoor air quality maintained as per National Building Code of India.
V	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports	The quantity of fresh water usage, water recycling and rainwater harvesting measured and recorded to monitor the water balance as proposed by the project proponent.
vi	The installation of the Sewage	STP plant approved by GPCB

. No.	EC Conditions	Compliance Status
	Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP	
Vii	No sewage or untreated effluent water would be discharged through storm water drains	Complied as per GPCB norms.
Viii	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013	Complied as per GPCB norms.
Ix	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the Construction and Demolition Waste Management Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.	Complied as per GPCB norms.
X	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher	Solar power generation installed - with capacity 2MW
xi	Solar power shall be used for lighting in the apartment to reduce the power	Solar power generation installed with 2MW capacity.

. No.	EC Conditions	Compliance Status
	load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	
xii	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Complied
xiii	An environmental management plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable	Complied

. No.	EC Conditions	Compliance Status
	energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.	
xix	The company shall draw up and implement a corporate social Responsibility plan as per the Company's Act of 2013.	Complied
PART B - GENERAL CONDITIONS		
I	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days	Complied -
ii	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	Environment Protection devices and processing units installed and information provide to GPCB.
iii	Officials from the Regional Office of MoEF&CC, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Bhopal	Agreed and accepted.
iv	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry	Point noted and agreed with.

. No.	EC Conditions	Compliance Status
V	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Point noted and agreed with.
vi	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	All requisite approvals taken
vii	These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006	All requisite stipulations are well followed
viii	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are	DPT have already advertised in daily newspaper 'Divya Bhaskar' (published in local language Gujarati) dated 14.10.2017 and Newspaper-Times of India dated 15.10.2017.

. No.	EC Conditions	Compliance Status
	available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Bhopal.	
ix	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Point noted and agreed upon
X	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent	A copy of Clearance letter is already being put on the DPT website www.kandlaport.gov.in
xi	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF & CC, the respective Zonal Office of CPCB and the SPCB. The criteria	Complied

. No.	EC Conditions	Compliance Status
	pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
xii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by email.	Regularly being followed



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

BY R.P.A.D.

"Consent to Establish-Amendment"

(CTE-121265)

No. PC/CCA-KUTCH-1655(2)/GPCB ID-72346/ 685687 Date: 10/10/22

To,

M/s. Emami Agrotech Limited,
Plot No. 49, Location-2, SIPC,
Ps-Kandla Marine Police Station,
Tal: Gandhidham,
Dist: Kutch- 370 210.

Sub: Consent to Establish (NOC)-Amendment under Section 25 of Water Act 1974 and Section 21 of Air Act 1981

Ref: Your application for CTE-Amendment Inward no. 258171 received dated 11/07/2022.

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants Consent to Establish-Amendment to set up plant for new products, installation of new D.G. Sets (2 nos.) (1500 KVA each) & Coal Crusher Unit in existing industrial plant located at Plot No. 49, Location-2, SIPC, Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist: Kutch with following conditions:

1. This order shall be read as CTE Amendment order no. 121265 dated 06/09/2022 and valid up to 10/07/2029.
2. The list of the products to be manufacture is as below:

Sr. No.	Product	Quantity per Month		
		Existing	Proposed	Total
1	Refined Palm Oil	66,500 MT	--	66,500 MT
2	Refined Soya Oil	35,000 MT	--	35,000 MT
3	Vanaspati	5,800 MT	--	5,800 MT
4	Palm Fatty Acid	3,500 MT	--	3,500 MT
5	Soya Fatty Acid	100 MT	--	100 MT
6	Empty Tin Container (15 Liter)	--	400 MT	400 MT
7	HDPE Jar (15 Liter)	--	25 MT	25 MT
8	HDPE Jar (5 Liter)	--	15 MT	15 MT

SUBJECT TO THE FOLLOWING CONDITIONS:

1. There shall be no change in existing water consumption, waste water generation & mode of its disposal & hazardous waste generation, due to CTE amendment.
2. Industry shall install & operate conveyance pipeline (4.81 KM) only after CRZ Clearance from competent authority.
3. Industry shall comply with conditions of Environment Clearance granted to Kandla Port trust for Smart Industrial Port City (SIPC) granted by MoEF & CC vide order dated 10/10/2017.

Clean Gujarat Green Gujarat

Website : <https://gpcb.gujarat.gov.in>

4. Industry shall provide Acid Oil (900 MT/M), Spent Earth (600 MT/M) & Fatty Acid (200 MT/M) only to actual user industries having valid CCA of the Board & maintain all records with name and address of end user industries quantity supplied.
5. Industry shall maintain complete records of Acid Oil, Spent Earth & Fatty Acid about quantity generated, stored & disposal along with name & address of end user industry & make it available at site.
6. Industry shall comply with circular of the Board dated 27/08/2021 regarding retrofitting of emission control/ equipment in D.G. Set of capacity 125 KVA and above as per system & procedure for emission compliance testing of Retrofit Emission Control Devices (RECD) for D.G. Set issued by CPCB dated 01/02/2022 at the earliest and submit compliance.
7. Industry shall not carry out any activity which may attract the applicability of EIA notification-2006 & its amendment.
8. No ground water shall be withdrawal without prior permission from CGWA as per Hon'ble NGT order.
9. Unit shall obtain fresh water from valid source have permission of the competent authority.
10. Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
11. As per Provisions of Rule 18 of Solid Waste Management Rules-2016 you are directed to make an arrangement in Utilities to replace at least five percent (5%) of your solid fuel requirement by 'refused derived fuel'.
12. Industry shall comply with coal handling guidelines of this Board.
13. Industry shall provide dedicated silo for storage of fly ash & shall dispose of fly ash as per CPCB guideline for disposal/ utilization of Fly Ash for reclamation of Low Lying Areas and in stowing of abandoned mines/ quarries, March. 2019.
14. Industry shall comply with Plastic Waste management Rules.
15. Industry shall renew PESO permission from time to time & submit a copy to the Board.

3. CONDITIONS UNDER THE WATER ACT:

- 3.1 There shall be no change in existing industrial water consumption (2616 KLD), waste water generation (440 KLD), treatment and mode of disposal, due to CTE amendment.
- 3.2 There shall be no change in existing domestic water consumption (30 KLD), waste water generation (20 KLD), treatment and mode of disposal, due to CTE-Amendment.

4. CONDITIONS UNDER AIR ACT 1981:

- 4.1 The following shall be used as fuel in Boilers, TFH & D.G. Sets respectively:

Sr. No.	Utility	Quantity	Type of Fuel		
			Existing	Proposed	Total
1.	AFBC Steam Boiler (26 TPH) (Existing)	Imported Coal	7.5 MT/Hr	--	7.5 MT/Hr



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

2.	AFBC Steam Boiler (16 TPH) (Existing)	Imported Coal	4.5 MT/Hr	--	4.5 MT/Hr
3.	Thermic Fluid Heater (40 Lac Kcal) (Existing)	Imported Coal	6 MT/Hr	--	6 MT/Hr
4.	Thermic Fluid Heater (20 Lac Kcal) (Existing)	Imported Coal	4 MT/Hr	--	4 MT/Hr
5.	Thermic Fluid Heater (8 Lac Kcal) (Existing)	Imported Coal	2 MT/Hr	--	2 MT/Hr
6.	D.G. Set (2000 KVA) (Existing)	Diesel	450 L/Hr	--	450 L/Hr
7.	D.G. Set (2 nos.) (1500 KVA each) (New)	Diesel	--	340 L/Hr	340 L/Hr

4.2 The applicant shall install air pollution control system in order to achieve emission norms.

4.3 The flue emission through stack attached to Boilers, TFH & D.G. Sets shall conform to the following standards;

Sr. No	Stack attached to	Stack height	APCM	Parameter	Permissible limit
1.	AFBC Steam Boiler (26 TPH) (Existing)	60 m common stack	ESP & Water Scrubber	PM	150 mg/Nm ³
2.	AFBC Steam Boiler (16 TPH) (Existing)			SO ₂	100 ppm
				NO _x	50 ppm
3.	Thermic Fluid Heater (40 Lac Kcal) (Existing)	30 m common stack	Bag Filter & Water Scrubber	PM	150 mg/Nm ³
4.	Thermic Fluid Heater (20 Lac Kcal) (Existing)		Bag Filter & Water Scrubber	SO ₂	100 ppm
				NO _x	50 ppm
5.	Thermic Fluid Heater (8 Lac Kcal) (Existing)	30 m	Bag Filter & Water Scrubber	PM	150 mg/Nm ³
				SO ₂	100 ppm
6.	D.G. Set (2000 KVA) (Existing) (Stand by)	15 m	Adequate Stack Height	NO _x	50 ppm
7.	D.G. Sets (2 nos.) (1500 KVA each) (Stand by) (Proposed)	15 m	Adequate Stack Height	PM	150 mg/Nm ³
				SO ₂	100 ppm
8.	Coal Crushing Unit (Proposed)	11 m	Water Scrubber	NO _x	50 ppm

Be

- 4.4 The process gas emission through stack attached to Acid Oil Plant Scrubber shall conform to the following standards.

Sr. No	Stack attached to	Stack height	APCM	Parameter	Permissible limit
1	Acid Oil Plant Scrubber (Existing)	15 m	Water Scrubber	SO ₂ Acid Mist	40 mg/Nm ³ 50 mg/Nm ³

- 4.5 Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
- 4.6 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified hereunder as per National Ambient Air Quality Standards issued by MoEF & CC dated 18th November-2009. In addition to following parameters Industry shall also carry out AAQ monitoring of all other applicable parameter as per MoEF notification dated 18/11/2009 and submit the report to the Board.

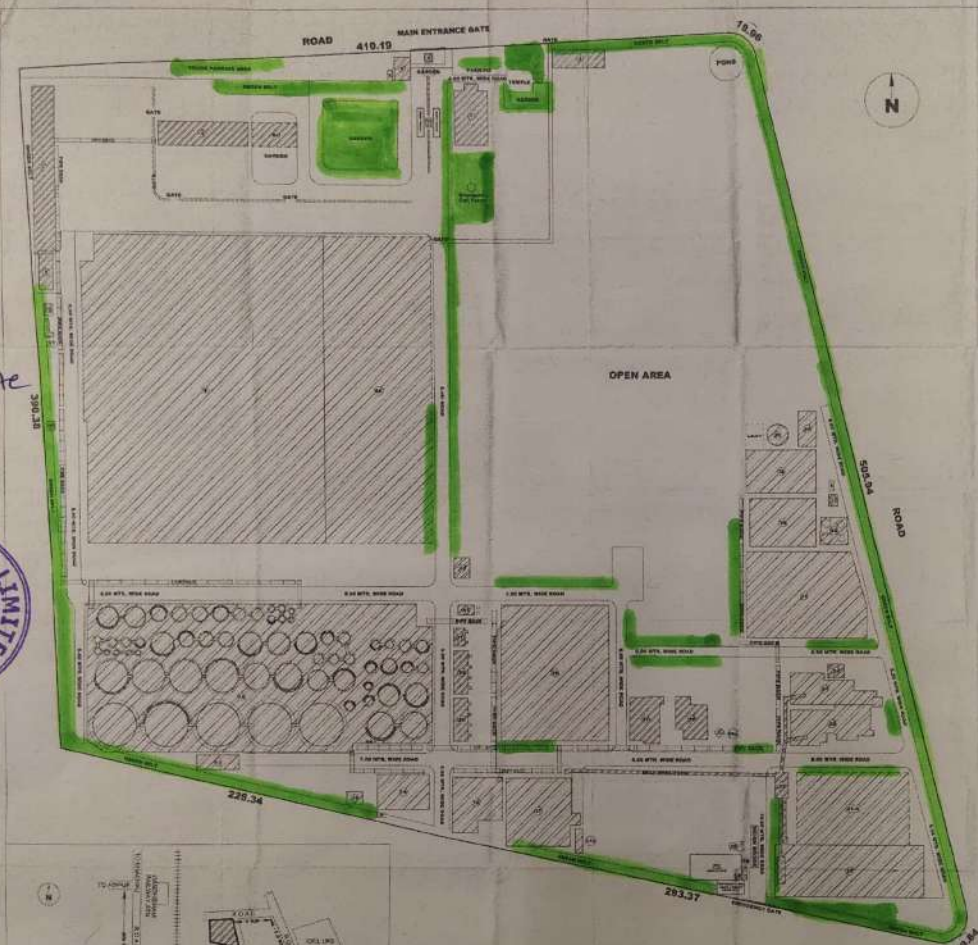
Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient air in µg/m ³
1.	Sulphur Dioxide (SO ₂)	Annual 24 Hours	50 80
2.	Nitrogen Dioxide (NO ₂)	Annual 24 Hours	40 80
3.	Particulate Matter (Size less than 10 µm) or PM ₁₀	Annual 24 Hours	60 100
4.	Particulate Matter (Size less than 2.5 µm) or PM _{2.5}	Annual 24 Hours	40 60

- 4.7 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 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.
5. Rest of conditions of CCA order no. AWH-115551 issued vide order no. GPCB/CCA-KUTCH-1655/GPCB ID 72346/606644 dated 20/11/2021 shall remain unchanged & industry shall comply with the same judiciously.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(Smt U.K. Upadhyay)
Senior Environment Engineer

Total No. of
Plantation &
Greenbelt
development
in Emami Site
2540 Nos



BLOCK PLAN (SCALE = 1 : 800)

PLAN SHOWING NEW FACTORY BUILDING LAYOUT FOR M/S. EMAMI AGROTECH LTD. PLOT NO. 40, SIPC LOCATION - 2, KANDLA TAL. GANDHIDHAM DIST. KUTCH.

COLOR CODE

- 1 FACTORY BUILDING
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AREA TABLE OF STRUCTURE

Sl. No.	Structure Name	Area (Sq. M)	Volume (Cu. M)
1	FACTORY BUILDING	1000.00	1000.00
2	FACTORY BUILDING	1000.00	1000.00
3	FACTORY BUILDING	1000.00	1000.00
4	FACTORY BUILDING	1000.00	1000.00
5	FACTORY BUILDING	1000.00	1000.00
6	FACTORY BUILDING	1000.00	1000.00
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34	FACTORY BUILDING	1000.00	1000.00
35	FACTORY BUILDING	1000.00	1000.00
36	FACTORY BUILDING	1000.00	1000.00
37	FACTORY BUILDING	1000.00	1000.00
38	FACTORY BUILDING	1000.00	1000.00
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40	FACTORY BUILDING	1000.00	1000.00
41	FACTORY BUILDING	1000.00	1000.00
42	FACTORY BUILDING	1000.00	1000.00
43	FACTORY BUILDING	1000.00	1000.00
44	FACTORY BUILDING	1000.00	1000.00
45	FACTORY BUILDING	1000.00	1000.00
46	FACTORY BUILDING	1000.00	1000.00
47	FACTORY BUILDING	1000.00	1000.00
48	FACTORY BUILDING	1000.00	1000.00
49	FACTORY BUILDING	1000.00	1000.00
50	FACTORY BUILDING	1000.00	1000.00
51	FACTORY BUILDING	1000.00	1000.00
52	FACTORY BUILDING	1000.00	1000.00
53	FACTORY BUILDING	1000.00	1000.00
54	FACTORY BUILDING	1000.00	1000.00
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56	FACTORY BUILDING	1000.00	1000.00
57	FACTORY BUILDING	1000.00	1000.00
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59	FACTORY BUILDING	1000.00	1000.00
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62	FACTORY BUILDING	1000.00	1000.00
63	FACTORY BUILDING	1000.00	1000.00
64	FACTORY BUILDING	1000.00	1000.00
65	FACTORY BUILDING	1000.00	1000.00
66	FACTORY BUILDING	1000.00	1000.00
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68	FACTORY BUILDING	1000.00	1000.00
69	FACTORY BUILDING	1000.00	1000.00
70	FACTORY BUILDING	1000.00	1000.00
71	FACTORY BUILDING	1000.00	1000.00
72	FACTORY BUILDING	1000.00	1000.00
73	FACTORY BUILDING	1000.00	1000.00
74	FACTORY BUILDING	1000.00	1000.00
75	FACTORY BUILDING	1000.00	1000.00
76	FACTORY BUILDING	1000.00	1000.00
77	FACTORY BUILDING	1000.00	1000.00
78	FACTORY BUILDING	1000.00	1000.00
79	FACTORY BUILDING	1000.00	1000.00
80	FACTORY BUILDING	1000.00	1000.00
81	FACTORY BUILDING	1000.00	1000.00
82	FACTORY BUILDING	1000.00	1000.00
83	FACTORY BUILDING	1000.00	1000.00
84	FACTORY BUILDING	1000.00	1000.00
85	FACTORY BUILDING	1000.00	1000.00
86	FACTORY BUILDING	1000.00	1000.00
87	FACTORY BUILDING	1000.00	1000.00
88	FACTORY BUILDING	1000.00	1000.00
89	FACTORY BUILDING	1000.00	1000.00
90	FACTORY BUILDING	1000.00	1000.00
91	FACTORY BUILDING	1000.00	1000.00
92	FACTORY BUILDING	1000.00	1000.00
93	FACTORY BUILDING	1000.00	1000.00
94	FACTORY BUILDING	1000.00	1000.00
95	FACTORY BUILDING	1000.00	1000.00
96	FACTORY BUILDING	1000.00	1000.00
97	FACTORY BUILDING	1000.00	1000.00
98	FACTORY BUILDING	1000.00	1000.00
99	FACTORY BUILDING	1000.00	1000.00
100	FACTORY BUILDING	1000.00	1000.00

Emami Agrotech Ltd.

M/S. EMAMI AGROTECH LTD.



emami* agrotech ltd
(incorporated under the companies act, 1956)

plot no. 49, sipc-2, kandla, district : kutch, gujarat - 370210
phone: +91 9537838555 e-mail: works.kandla@emamiagrotech.com, website: www.emamiagrotech.in

Ref: GPCB/AWL/ANN/2023/04

Date: 26/04/2023

PCB ID: 72346

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

Sub: Annual Returns in Form - 4 of Hazardous Waste for the period of **April-2022 to March-2023.**

Dear Mam/Sir,

We are enclosing herewith annual return of Form – 4 of Hazardous Waste as per Hazardous & Other Waste [Management, Trans-boundary Movement] Rules, 2016 & amended for the financial year ending on 31st March-2023 of our unit situated Survey no. 49, Location-2 of Smart industrial Port city (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist.: Kutch - 370 210.

This is for your record only.

Thanking You,

For,

M/s. Emami Agrotech Limited,

AUTHORIZED SIGNATORY

Copy to: The Regional officer, Gujarat Pollution Control Board, Kutch – East, Gandhidham.

(See Rule 5(6) and 22(2))

Industry: M/s. Emami Agrotech Limited,

PCB: 72346

**FORM FOR FILING ANNUAL RETURNS
BY THE OCCUPIER OR OPERATOR OF FACILITY**

(To be submitted by occupier/operator of disposal facility to state pollution control Board/pollution control committee by 30th June of every year for the preceding period April to March)

1	Name and address of facility	:	M/s. Emami Agrotech Limited, Survey no. 49, Location-2 of Smart industrial Port city (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist.: Kutch - 370 210.
2	Authorization No. and Date of issue:	:	Consent Order No.: AWH: 115551; Date of issue: 28/10/2021, Valid up to: 09/08/2026,
3	Name of the authorized person and full address with telephone, fax number and e-mail:	:	Mr. Sureshbhai Murjibhai Kochra (Assistant Manager Safety), Address: Survey no. 49, Location-2 of Smart industrial Port city (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist.: Kutch - 370 210, Email ID: suresh.kochra@emamiagrotech.com Contact No. 9537664754,
4	Production during the year (product wise), wherever applicable	:	As per ANNEXURE – 1,



PART A

TO BE FILLED BY HAZARDOUS WASTE GENERATORS

1.	Quantity of hazardous waste Generation	:	PLEASE REFER ANNEXURE - 2
2.	Quantity of hazardous waste Disposed	:	PLEASE REFER ANNEXURE - 2
3.	Quantity of hazardous waste Utilized in-house	:	PLEASE REFER ANNEXURE - 2
4.	Quantity of hazardous waste storage at the end of the year	:	PLEASE REFER ANNEXURE - 2

PART B

TO BE FILLED BY TREATMENT, STORAGE AND DISPOSAL FACILITY OPERATORS

1.	Quantity of hazardous waste received	:	NOT APPLICABLE
2.	Quantity of hazardous waste stock at beginning of the year	:	NOT APPLICABLE
3.	Quantity of hazardous waste treated	:	NOT APPLICABLE
4.	Quantity of hazardous waste disposed in landfills as such and after treatment	:	NOT APPLICABLE
5.	Quantity of hazardous waste incinerated	:	NOT APPLICABLE
6.	Quantity of hazardous waste proceed other than above	:	NOT APPLICABLE



7.	Quantity of hazardous waste storage at the end of the year	:	NOT APPLICABLE
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PART C

TO BE FILLED BY RECYCLERS OR CO-PROCESSORS OR OTHER USERS

1.	Quantity of hazardous waste received	:	NOT APPLICABLE
2.	Quantity of hazardous waste stock at beginning of the year	:	NOT APPLICABLE
3.	Quantity of hazardous waste recycled or Co-processed or used	:	NOT APPLICABLE
4.	Quantity of product dispatched	:	NOT APPLICABLE
5.	Quantity of hazardous waste generated	:	NOT APPLICABLE
6.	Quantity of hazardous waste disposed	:	NOT APPLICABLE
7.	Quantity of hazardous waste re-exported	:	NOT APPLICABLE
8.	Quantity of hazardous waste storage at the end of the year	:	NOT APPLICABLE

Place: Gandhidham

Signature:



Date: 26/04/2023

Designation:

Asst. Manager EHS

ANNEXURE – 1

LIST OF PRODUCTS AS PER CONSOLATED CONCENT AND AUTHORIZATION

Sr. No.	Product	Quantity In MT/Month
01	Refined Palm Oil	66500
02	Palm Fatty Acid	3500
03	Refined Soya Oil	35000
04	Soya Fatty Acid	100
05	Acid Oil	900
06	Vanaspati	5800
07	Vanaspati Fatty Acid	200
08	Spent Earth	600

MONTHLY PRODUCTION DETAIL

Month	PRODUCTION							
	Refined Palm Oil	Refined Soya Oil	Vanaspati	Palm Fatty Acid	Soya Fatty Acid	Acid Oil	Vanaspati Fatty Acid	Spent Earth
	QUANTITY IN MT							
Apr-22	0	11054	788	0	20	144	11	152
May-22	8318	5695	379	482	14	77	4	177
Jun-22	20474	8864	461	1138	22	156	6	296
Jul-22	7844	9928	967	449	21	180	12	195
Aug-22	13774	17187	663	873	39	267	9	356
Sep-22	8650	6672	913	511	12	75	12	185
Oct-22	13341	11864	574	922	36	188	7	533
Nov-22	20541	10936	449	1302	22	182	5	379
Dec-22	21644	17256	385	1175	34	208	5	462
Jan-23	14728.28	11649.9	436.87	833.52	23.24	250.41	4.86	328
Feb-23	17589.82	5798.4	402.95	898.54	10.72	135.80	5.20	270
Mar-23	10389.45	5741.3	337.15	965.03	13.08	78.29	3.60	267



ANNEXURE – 2

HAZARDOUS WASTE MANAGEMENT SYSTEM AS PER CONSOLIDATED CONSENT AND
AUTHORIZATION

CAT. NO.	TYPE OF SOLID / HAZARDOUS WASTES	QUANTITY GENERATED	METHOD OF DISPOSAL
I-5.1	Used Or Spent Oil	4 MT/Year	Collection, storage, Transportation Disposal by selling out to registered recycler.
I-35.3	Chemical Sludge From Waste Water treatment (ETP Sludge)	120 MT/Year	Collection, storage, transportation & disposed of to TSDF site.
I-33.11	Discarded Drum/Containers/ Bags/Barrels	2 MT/Year	Collection, storage, disposal by selling to authorized decontaminator.
I-17.2	Spent Nickel Catalyst	3.6 MT/Year	Collection, storage, & disposal by selling to authorized recycler.
I-35.2	Spent Ion Exchange Resin Containing Toxic Metal	1 MT/Year	Collection, storage, transportation & disposed at common CHWIF.
I-33.2	Contaminated Cotton Rags Or Other Cleaning Material	1 MT/Year	Collection, storage, transportation & disposed at common CHWIF.
I-35.3	Evaporating Salt	1560 MT/ Year	Collection, storage, transportation & disposed off to TSDF site.



GENERATION, DISPOSAL, STOCK & SALE OF EACH TYPE OF HAZARDOUS WASTE
(FROM APRIL-2022 TO MARCH-2023)

CAT. No.	Type of Solid / Hazardous Waste	Quantity			
		Previous Year Balance Stock till 31 st March 2022	Generation (April 2022 to March 2023)	Disposal (April 2022 to March 2023)	Balance Stock as on dated 31 st March 2023
I-5.1	Used Or Spent Oil	0.42 MT	2.62 MT	2.7 MT	0.34MT
I-35.3	Chemical Sludge From Waste Water treatment (ETP Sludge)	39.79 MT	32.12 MT	46 MT	25.91 MT
I-33.11	Discarded Drum/Containers/ Bags/Barrels	1.495 MT	0.310 MT	1.37 MT	0.435 MT
I-17.2	Spent Nickel Catalyst	0.12 MT	0.080 MT	NIL	0.121 MT
I-35.2	Spent Ion Exchange Resin Containing Toxic Metal	0.0255 MT	0.170 MT	NIL	0.0257 MT
I-33.2	Contaminated Cotton Rags Or Other Cleaning Material	0.435 MT	0.013 MT	NIL	0.448 MT
I-35.3	Evaporating Salt	14.93 MT	41.71 MT	33 MT	23.64MT



DETAILS OF MANIFEST

Recycler Name	Solid Waste Name	Manifest No.	Date	Quantity Disposed (MT)
M/s. Ecocare infrastructures private limited	Chemical Sludge From Waste Water treatment (ETP Sludge)	1731196	11/05/2022	10 MT
M/s. Ecocare infrastructures private limited	Chemical Sludge From Waste Water treatment (ETP Sludge)	1744284	24/05/2022	12 MT
M/s. Kutch Petrohem Ltd.	Used Or Spent Oil	1765205	14/06/2022	0.420 MT
M/s. D.M. Steel Suppliers	Discarded Drum/Containers/ Bags/Barrels	1796030	27/07/2022	1.370 MT
M/s. Kutch Petrohem Ltd.	Used Or Spent Oil	1709653	17/09/2022	1.480 MT
M/s. Kutch Petrohem Ltd.	Used Or Spent Oil	1891543	17/11/2022	0.800 MT
M/s. Ecocare infrastructures private limited	Chemical Sludge From Waste Water treatment (ETP Sludge)	1901685	26/11/2022	12 MT
M/s. Ecocare infrastructures private limited	Evaporating Salt	1903078	28/11/2022	12 MT
M/s. Ecocare infrastructures private limited	Chemical Sludge From Waste Water treatment (ETP Sludge)	1946098	10/01/2023	12 MT
M/s. Ecocare infrastructures private limited	Evaporating Salt	2033594	13/03/2023	21 MT
Total				83.07 MT





emami* agrotech ltd
(incorporated under the companies act, 1956)

plot no. 49, sipc-2, kandla, district : kutch, gujarat - 370210
phone: +91 9537838555 e-mail: works.kandla@emamiagrotech.com, website: www.emamiagrotech.in

Ref.: GPCB/EAL/ENV/2023/04

Date: 26/04/2023

PCB ID: 72346

To,
The Member Secretary
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector: 10 - A,
Gandhinagar - 382 010

Sub. : Submission of Environmental Statement Form V for the year ending on 31st March, 2023.

Ref.: CC&A vide Consent Order No.: AWH:-115551; Date of issue: 28/10/2021, Valid up to: 09/08/2026.

Respected Sir/Madam,

We are pleased to enclose herewith Environmental Statement Form-V duly filled in, for the financial year ending on 31st March, 2023 under Rule 14 of the Environment (Protection) Rules 1986 for our unit situated Survey no. 49, Location-2 of Smart industrial Port city, (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist: Kutch - 370 210.

We hope you find the above in order.

Thanking you and Regards.

Yours sincerely,

For,

M/s Emami Agrotech Limited

Authorized Signatory

Encl.: Environmental Statement – Form-V,

Annexure–A Detail of Product & Raw Material Consumption

CC to: The Regional officer, Gujarat Pollution Control Board, Kutch – East, Gandhidham.

ENVIRONMENTAL STATEMENT REPORT FOR YEAR 2022-2023**M/s. Emami Agrotech Limited,****PCB ID: 72346****PART - A**

- i. Name & address of the owner/ Occupier of the industry operation or process : **M/s. Emami Agrotech Limited**
Survey no. 49, Location-2 of Smart industrial Port city, (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist: Kutch - 370 210.
- ii. Industry category : **Red Category,**
Primary – (STC Code) **Large Scale Industry**
Secondary – (SIC Code)
- iii. Production Capacity : **ANNAXURE-A**
- iv. Year of Establishment : **20/07/2020**
- v. Last Environmental Statement Submitted : **29/04/2022**

PART - B**WATER AND RAW MATERIAL CONSUMPTION****(i) Water Consumption, m³/Day**

Industrial : 1666 KL/DAY (FRESH) + 950 KL/DAY (RECYCLE) = 2616 KL/DAY
Domestic : 30 KL/DAY

Name of Products	Water (PROCESS) consumption per unit of product output	
	During the previous financial year (2021-2022)	During the current financial year (2022-2023)
	(1)	(2)
1. Refined Palm Oil	0.0135 KL/MT	0.0095 KL/MT
2. Refined Soya Oil		
3. Vanaspati		
4. Palm Fatty Acid		
5. Soya Fatty Acid		
6. Acid Oil - By Product		
7. Vansapati Fatty Acid		
8. Spent Earth		

(ii) Raw material consumption

Name of raw material consume	Name of Products	During the previous financial year (2021-2022)	During the current financial year (2022-2023)
------------------------------	------------------	--	---

PLEASE REFER ANNEXURE – A



PART - C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/day)	Percentage of variation from prescribed standards with reasons
(a) Water	INDUSTRIAL – 440 KL/DAY	As Per GPCB Norms.	There is no variation from prescribed in standards in terms of quality of waste water discharge. Analysis Report of water is attached in Annexure – B.
	DOMESTIC – 20 KL/DAY	As Per GPCB Norms.	There is no variation from prescribed in standards in terms of quality of waste water discharge. Analysis Report of water is attached in Annexure – B.
(b) Air			
1) Flue gas emission			
THERMIC FLUID HEATER CAPACITY : 40 LAKH Kcal	---	PM ≤ 150 mg/Nm ³ SO ₂ ≤ 100 ppm NO _x ≤ 50 ppm	There is no variation from prescribed in standards in terms of quality. Analysis Report is attached in Annexure – B.
THERMIC FLUID HEATER CAPACITY : 20 LAKH Kcal			
THERMIC FLUID HEATER CAPACITY : 08 LAKH Kcal			
D.G. SET (2000 KVA)	---	PM ≤ 150 mg/Nm ³ SO ₂ ≤ 100 ppm NO _x ≤ 50 ppm	There is no variation from prescribed in standards in terms of quality. Analysis Report is attached in Annexure – B.
AFBC STEAM BOILER (CAPACITY : 26 TPH)			
AFBC STEAM BOILER (CAPACITY : 16 TPH)			
2) Process gas emission			
ACID OIL PLANT SCRUBBER	---	Acid Mist - 50 mg/Nm ³ PM - 50 mg/Nm ³	There is no variation from prescribed in standards in terms of quality. . Analysis Report is attached in Annexure – B.

PART - D

HAZARDOUS WASTES

Hazardous Wastes	Total Quantity (kg)	
	During the previous financial year (2021-2022)	During the current financial year (2022-2023)
(a) From process	NA	NA
(b) From pollution control facility		
Used Or Spent Oil	0.42 MT	2.62 MT



KANDLA AGROTECH LIMITED

Chemical Sludge From Waste Water treatment (ETP Sludge)	39.79 MT	32.12 MT
Discarded Drum/Containers/ Bags/Barrels	1.495 MT	0.310 MT
Spent Nickel Catalyst	0.12 MT	0.080 MT
Spent Ion Exchange Resin Containing Toxic Metal	0.026 MT	0.170 MT
Contaminated Cotton Rags Or Other Cleaning Material	0.435 MT	0.013 MT
Evaporating Salt	14.93 MT	41.71 MT

PART - E

SOLID WASTES

Solid Wastes	Total Quantity (kg)	
	During the previous financial year (2021-2022)	During the current financial year (2022-2023)
(a) From process	NIL	NIL
(b) From pollution control facility	NIL	NIL
(c) (1) Quantity recycled or re-utilized within the unit	NIL	NIL
(2) Sold	NIL	NIL
(3) Disposed	NIL	NIL

PART - F

Please specify the characteristics (in terms of concentration & quantum) of hazardous as well as solid wastes & indicate disposal practice adopted for both these categories of wastes.

1- USED OIL – 4 MT/YEAR

2- CHEMICAL SLUDGE FROM WASTE WATERTREATMENT (ETP SLUDGE)– 120 MT/YEAR

3- DISCARDED DRUM/CONTAINERS/ BAGS/BARRELS – 2 MT/YEAR

4- SPENT NICKEL CATALYST- 3.6 MT/YEAR

5- SPENT ION EXCHANGE RESIN CONTAINING TOXIC METAL- 1 MT/YEAR

6- CONTAMINATED COTTON RAGS OR OTHER CLEANING MATERIAL- 1 MT/YEAR

7- EVAPORATING SALT-1560 MT/YEAR

USED OIL, DISCARDED CONTAINERS ARE SENT TO GPCB APPROVED REGISTERED RECYCLERS.

CHEMICAL SLUDGE FROM WASTE WATERTREATMENT (ETP SLUDGE) IS SENT TO ECOCARE FOR SECURE LAND FILLING.

SPENT NICKEL CATALYST ARE DISPOSAL BY SELLING TO AUTHORIZED RECYCLER.

SPENT ION EXCHANGE RESIN CONTAINING TOXIC METAL AND CONTAMINATED COTTON RAGS OR OTHER CLEANING MATERIAL ARE DISPOSED AT COMMON CHWIF.

EVAPORATING SALT ARE DISPOSED OFF TO TSDF SITE.

PART - G

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

AIR COMMON STACK IS ATTACHED TO TFH (CAP. 40 LAKH Kcal) & TFH (CAP. 20 LAKH cal), SEPRATE STACK IS ATTACHED TO TFH (CAP. 08 LAKH Kcal) WITH BAG FILTER & WATER SCURBBBER AS AN AIR POLLUTION CONTROL SYSTEM, ANOTHER COMMON STACK IS ATTACHED TO AFBC STEAM BOLIER (CAP. 26 TPH) & AFBC STEAM BOLIER (CAP. 16 TPH) WITH WATER SCRUBBER AND ESP AS AN AIR POLLUTION CONTROL SYSTEM.

SEPARATE STACK ATTACHED TO D. G. SET AS DIESEL IS USED AS A FUEL, ADEQUATE STACK HEIGHT IS PROVIDED.

PROCESS STACK IS ATTACHED TO ACID OIL PLANT SCRUBBER AND WATER SCRUBBER IS ATTACHED WITH ACID OIL PLANT SCRUBBER AS AN AIR POLLUTION CONTROL SYSTEM.

NO SIGNIFICANT IMPACT ON NATURAL RESOURCES.

WATER INDUSTRIAL - THE EFFLUENT GENERATION WILL BE 814 KLD, WHICH WILL BE FROM RO REJECT, DM PLANT, BOILER BLOW DOWN, PROCESS, WASHING, OUT OF 814 KL/DAY OF EFFLUENT, ABOUT 400 KLD OF WATER SHALL BE REUSE FOR COOLING PURPOSE, ABOUT 70 KLD OF WATER SHALL BE REUSED IN ASH QUENCHING, 184 KLD FROM RO REJECT WILL BE TREATED IN MEE. AND REMAINING 160 KL/DAY EFFLUENT SHALL BE TREATED IN EFFLUENT TREATMENT PLANT AND USE FOR GARDENING PURPOSE WITHIN FACTORY PREMISES.

DOMESTIC- THE DOMESTIC/SEWAGE EFFLUENT SHALL BE TREATED IN SEWAGE EFFLUENT TREATMENT PLANT AND REUSE IN GARDENING / TOILET FLUSHING.

NO SIGNIFICANT IMPACT ON NATURAL RESOURCES.

SOLID WASTE USED OIL, DISCARDED CONTAINERS, SPENT NICKLE CATALYST ARE SENT TO GPCB APPROVED RGISTERED RECYCLERS/ DECONTAMINATOR.

CHEMICAL SLUDGE FROM WASTE WATERTREATMENT (ETP SLUDGE) & MEE SALT ARE SENT TO SEPPL FOR SECURE LAND FILLING.

SPENT IOIN EXCHANGE RESIN CONATINING, CONAMINATED COTTON RAGS OR OTHER CLEANING MATERIAL TOXIC METAL DISPOSED AT COMMON CHWIF.

NO SIGNIFICANT IMPACT ON NATURAL RESOURCES.



PART - H

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

1. WE HAVE INSTALL EFFLUENT TREATMENT PLANT AND SEWAGE TREATMENT PLANT FOR THE EFFLUENT AND SEWAGE TREATMENT. ALSO WE HAVE UPGRADED OUR AIR POLLUTION CONTROL SYSTEM AS REQUIRED.
2. INDUSTRY IS A MEMBER OF INTIGRATED COMMON INCINARATION FACILITY OPERATION BY M/s. SEPPL FOR THE DISPOSAL OF SOLID WASTE.
3. INDUSTRY IS A MEMBER OF TSDF SITE OPERATION BY M/s. EIPL FOR THE DISPOSAL OF SOLID WASTE.
4. THE COMPANY CONDUCTS MONITORING OF WORKING AREA REGULARLY AND FOR THE SAME A FORM 37 IS ENCLOSED IN ANNEXURE-B.

PART - I

Any other particulars for improving the quality of the environment

- 1.ADEQUATE PLANTATION IS CARRIED OUT ALONG THE PERIPHERY OF THE INDUSTRIAL PREMISES.
2. DG SET HAS BEEN BOUGHT ACOUSTICALLY ENCLOSED & PLACED INSIDE AN ACOUSTICALLY TREATED ROOM AS PER CPCB GUIDELINES AND THE SAME WILL BE FOLLOWED FOR THE PROPOSED DG SET.
3. WE ARE COMPLAYING WITH ALL THE DIRECTIONS AND CONDITIONS OF STATE AND CENTRAL POLLUTION BOARDS.
4. POLLUTION CONTROL FACILITY SUCH AS ETP HELP IN CONSERVATION OF WATER RESOURCES.
5. ENCLOSED CONVEYORS FOR THE TRANSPORTATION OF THE SOLID FUEL.
6. 9. INDUSTRY USE LED LIGHTS RATHER THAN CONVENTIONAL LIGHTS TO SAVE ENERGY.

Prepared By

For

M/s. Emami Agrotech Limited,

A handwritten signature in blue ink is written over a circular purple stamp. The stamp contains the text "EMAMI AGROTECH LIMITED" around the perimeter and "KANDLA" in the center, with a small star symbol below it.

(Authorized Signatory)

Date: 26/04/2023

ANNEXURE – A

LIST OF PRODUCTS

Sr. No.	Product	Quantity In MT/Month
01	Refined Palm Oil	66500
02	Palm Fatty Acid	3500
03	Refined Soya Oil	35000
04	Soya Fatty Acid	100
05	Acid Oil	900
06	Vanaspati	5800
07	Vanaspati Fatty Acid	200
08	Spent Earth	600

RAW MATERIALS CONSUMPTION

Month	RAW MATERIAL CONSUMPTION IN MT FOR THE PERIOD OF APRIL-2022 TO MARCH-2023									
	Crude Palm Oil	Crude Degummed Soya Oil	Phosphoric Acid	Caustic	Citric Acid	Bleaching Earth	Sodium Methoxide	HCL	H ₂ SO ₄	Common Salt
April-22	NIL	11716.11	10.28	30.32	700.00	91.47	1030	730	45.585	NIL
May-22	8842.73	5031.84	9.83	29.54	200.00	105.96	940	360	24.23	NIL
June-22	21718.53	8952.12	18.08	29.39	660.37	218.12	400	2580	34.158	NIL
July-22	8331.18	10524.63	13.22	31.14	606.00	144.84	1260	1765	49.089	NIL
August-22	14723.19	16658.56	21.29	46.56	2312.25	242.25	1120.282	1900	83.686	0.20
September-22	9205.94	6741.56	11.18	32.95	803.07	113.53	1345	4000	23.02	NIL
October-22	14333.11	12163.89	18.66	54.40	780.00	201.32	400	3917	66.74	NIL
November-22	21948.87	11133.57	21.64	23.92	1277.13	222.94	1075	21583	60.67	NIL
December-22	22927.31	17075.67	25.74	61.91	2279.02	290.80	NIL	700	64.4	NIL
January-23	15639.29	12008.36	18.38	62.01	1627.39	233.86	690	2040	83.06	NIL
February-23	18575.97	5975.02	14.96	41.78	1361.20	184.65	376	2000	42.15	NIL
March-23	11042.26	5850.144	10.65	12.65	1747.06	90.62	299	2072	29.51	NIL



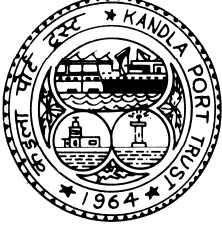
ANNEXURE – B

MONITORING REPORT OF AIR , ANALYSIS REPORT OF WATER & OF MONITORING OF WORKING
ENVIRONMENT – FORM 37



Annexure -B

DEENDAYAL PORT TRUST



Administrative Office Building
Post Box NO. 50
GANDHIDHAM (Kutch).
Gujarat: 370 201.
Fax: (02836) 220050
Ph.: (02836) 220038

www.deendayalport.gov.in

NO.EG/WK/4783/V/131

Dated : 05/02/2021

To,
M/s Precitech Laboratories Pvt Ltd,
1st Floor, Bhanujyot Complex,
Plot No C5/27, B/h Panchratna Complex,
Nr. GIDC Char Rasta,
VAPI-396195.

Sub: **Work order** for "STRENGTHENING OF EXISTING ENVIRONMENTAL MANAGEMENT CELL AT DEENDAYAL PORT TRUST: Appointment of environment experts for two years further extendable for one year"-**reg.**

Ref: 1) Tender dated 21.06.2019 submitted by M/s Precitech Laboratories Pvt.Ltd, Vapi.
2) Letter of Acceptance vide no-EG/WK/4783/V/100 dtd 01(04).01.2021
3) Letter from DPT no E/WK/4783/V/103 dtd 06.01.2021
4) Performance Guarantee submitted by M/s Precitech Laboratories Pvt Ltd in the form of Bank Guarantee of Rs. 3,60,000.00 vide Bank Guarantee no. 1102921BG0000016 dated 19.01.2021 issued by State Bank of India, Vapi.

Sir,

Kindly refer above cited Letter of Acceptance dtd 01(04).01.2021.

- 2) You shall have to provide Key Experts as per tender requirement during the entire contract period. Accordingly, you shall have to submit the qualification and experience certificates of the Key experts to be appointed at DPT, as per tender conditions for verification & approval.
- 3) Please submit the Agreement of contract as per tender conditions no 1.29.
- 4) Kindly commence the work on or before 15.02.2021.


.....Cont.....

- 2 -

Please note that the time period for providing Consultancy services for the subject work will be initially for two years and further extendable for one year on mutual consent as per tender conditions.

Thanking you.

Yours faithfully,


Superintending Engineer (Design & EMC (i/c))
Deendayal Port Trust

Annexure -C

DEENDAYAL PORT TRUST

ISO 9001 : 2008 : ISO 14001 : 2004

Ph. : 02836-220167

Fax: 02836-233172

website: deendayalport.gov.in

e-mail : secretary@deendayalportgov.in



General Administration Deptt.
Administrative Office Building,
Post Box No. 50,
Gandhidham (Kutch) 370 201

By Speed Post / E-mail

No. GA/PS/4292/HE(PF)/2017/ 304

Dated, 17 January, 2022

OFFER OF CONTRACTUAL ENGAGEMENT AS MANAGER(ENVIRONMENT), IN DEENDAYAL PORT TRUST.

With Reference to your application for contractual engagement as Manager – Environment, in response to the advertisement, inviting applications for the subject position, on assessment and interview before the Services Selection Committee on 06.01.2022, the Competent authority has been pleased to offer the contractual engagement as Manager (Environment) in Deendayal Port Trust, purely on contractual basis, subject to the following terms and conditions :

a) Roles & Responsibilities

- Develop, implement and manage long term port environmental programmes such as the Green Marine Programme, sustainability plan, air strategies, tenant environment plan and tenant lease management.
- Represent the Port in local, state and federal agency meetings.
- Assist in the development and updating of the Port's comprehensive scheme of Harbour improvements and strategic plan.
- Monitor and conduct regular mock drills to train the employees at different levels.

b) Remuneration :-

Your consolidated remuneration per month will be Rs.1,00,000/- (Rupees One Lakh Only). Suitable increase depending upon the performance and variation in the AICP index may be given after successful completion of yearly service. Applicable taxes will be deducted at the time of payment.

c) Period of Contract :

The contract will be for a period of 3 years, extendable by another two years, subject to satisfactory performance.

d) Duty Hours :

You may be posted at/under any department/authority of Deendayal Port Trust, as per requirement, Duty Hours are from 10.00 AM to 06.00 PM or as may be decided by the Administration from time to time. In case of requirement, you may have to work beyond the normal duty hours, for which no other compensation, monetary or otherwise will be considered.

.....
(Mukkannawar Utkarsh Suresh)

Contd....

You will normally be entitled to a weekly off on Sunday. If situation warrants, the weekly day of rest may be changed with prior intimation. For work on any weekly day off / declared national holiday in exigencies of work, a compensatory day of rest as per the convenience of the Administration, in lieu thereof, will be granted and for which no other compensation, monetary or otherwise will be considered.

Failure to report for duty will entail deduction of wages on pro-rata basis.

- e) Medical facility : Only Outdoor Medical treatment facility for self and your spouse will be provided in the Port Trust Hospital. No other medical facilities will be provided to you/ your family.
- f) Leave entitlement : 10 days leave in a year and National Holidays will be given. No other leave will be admissible and for any absence beyond the said leave, pro-rata deduction will be made from the consolidated remuneration.
- g) Accommodation : Suitable accommodation, if available, may be provided, subject to recovery of charges under FR-45A, and the element of HRA excluded from the lumpsum remuneration.
- h) Your engagement on contractual basis is subject to strict adherence to the norms and conduct.
- i) The engagement can be terminated by giving one month's notice in writing from either side. However, in case of unsatisfactory performance or for any act considered derogatory/ detrimental to the interest of Deendayal Port Trust, this contractual engagement will be terminated forthwith.
- j) If you leave without notice or without acceptance of notice of termination, the amount due i.e., consolidated remuneration payable will be forfeited.
- k) You shall not claim any right/title/interest on par with the regular employees of the Port or otherwise.
- l) You shall not have any claim/right whatsoever for regular appointment / absorption in Deendayal Port Trust under any circumstances.
- m) Your contractual engagement is subject to verification of antecedents by the police. If any adverse report is received from the Police, your contractual services are liable to be terminated forthwith.
- n) You will not be permitted to take any other assignment during the period of contract with Deendayal Port Trust.

.....
(Mukkannawar Utkarsh Suresh)

Contd....

- l) On official tour outside Head Quarters, you will be entitled to TA/DA as admissible under the rules.
- m) The terms and conditions shall be amended / modified depending upon the requirement of the Port. Any dispute(s)/difference(s) shall be decided solely by the Chairman, Deendayal Port Trust, which shall be final and binding.
- n) You are required to submit discharge letter / relieving letter from your present employer at the time of joining Deendayal Port Trust, without you may not be allowed to join.
- o) The contractual engagement is subject to your being found medically fit as per the requirements of Deendayal Port Trust.

2. You have to report for medical examination before the Medical Board of DPT at Gopalpuri Hospital on any working day between 10.00 hrs to 12.00 hrs.

3. If you agree to the above terms and conditions, you may convey acceptance by signing the duplicate of the letter in token of your acceptance and submit the same to this office and call at this office with all certificates and two copies of passport size photographs latest by 27th January, 2022 failing which the offer of contractual engagement stands automatically cancelled.


Secretary
Deendayal Port Trust

To
Shri. Mukkanawar Utkarsh Suresh,
21/1, Madhukunj Housing Society,
Near Canara Bank, Panchavati,
Pashan, Pune, Maharashtra - 411008.
Email : utkaish@gmail.com

I accept the above terms and conditions and will report for duty on _____.

Name :

Date :

Copy to: CMO - for conducting Medical Examination.

Annexure -D

DEENDAYAL PORT TRUST

DETAILS OF MANGROVE PLANTATION ALREDY CARRIED OUT & Proposed To be Carried Out :

Sr. No	Name of the Organization	Total Mangrove Plantation carried out in Hectares till date and place of plantation and agency	Cost incurred
(A) <u>MANGROVE PLANTATION ALREDY CARRIED OUT</u>			
1	DEENDAYAL PORT TRUST (CRZ Recommendation 13 th to 16 th CB issued by the GCZMA) (Total 1000 ha.)	20 Hectares – 2005-06 Satsida Bet,Kandla, by GUIDE,Bhuj 50 Hectares – 2008-09 Nakti Creek,Kandla by Patel Construction 100 Hectares – 2010-11 Nakti Creek ,Kandla by GEC. (Board 29/1/2010) 200 Hectares – 2011-12 by Forest Department, GoG at Satsaida Bet 300 Hectares – 2012-13 by Forest Department, GoG at Satsaida Bet 330 Hectares – 2013-14 by Forest Department, GoG at Satsaida Bet TOTAL 1000 HA.	Rs. 8.8 lakhs Rs. 27.4 lakhs Rs.24.5 lakhs Rs. 66.5 lakhs Rs. 157.5 lakhs (total 630 hectares)
2	Creation of Berthing & allied Facilities off- tekra near Tuna (Outside Kandla Creek) – EC & CRZ Clearance. (Total 500 ha. – 250Ha. by DPT & 250 ha by Adani (concessionaire) MOU signed with GEC during Vibrant Gujarat Summit 2015 for 300 Ha.	300 Hectares – 2015-17 by GEC at Kantiyajal, Bharuch District	Rs. 90.0 lakhs
3.	EC & CRZ Clearance dated 19/12/2016 for Developing 7 integrated facilities (Condition 100 Ha)	100 Ha. –2018- 20 by GEC	Rs. 45 lakhs
TOTAL MANGROVE Plantation till date by DPT 1400 Ha. – Total 419.7 lakhs			

(B) Proposed Mangrove Plantation

1.	Development of Integrated facilities (Stage-II) within the existing Deendayal Port Trust (Erstwhile Kandla Port Trust) at District Kutch, Gujarat. (1. Setting up of Oil Jetty No.7 ; 2. Setting up of Barge jetty at Jafarwadi ; 3. Setting up of Barge port at Veera; 4. Administrative office building at Tuna Tekra; 5. Road connecting from Veera barge jetty to Tuna gate by M/s Deendayal Port Trust (Erstwhile : Kandla Port Trust) - <u>Environmental & CRZ Clearance accorded by the MoEF&CC,Gol dated 19/12/2020.</u>	<u>50 Ha. as per CRZ Recommendation issued by the GCZMA dated 29/6/2016.</u>	Rs. 45 lakhs
2.	Development of 3 Remaining Integrated Facilities (stage I) within the existing Deendayal Port Trust (Erstwhile : Kandla Port Trust) at Gandhidham, Kutch, Gujarat - <u>Environmental & CRZ Clearance accorded by the MoEF&CC,Gol dated 18/2/2020.</u>	<u>50 Ha. as per CRZ Recommendation issued by the GCZMA dated 29/6/2016. .</u>	

Annexure -E



DEENDAYAL PORT AUTHORITY

(Erstwhile Deendayal Port Trust)

Ministry of Ports, Shipping & Waterways, Govt. of India

Mech. Engg. Deptt.



Tel: (02836)220636 / 270184
FAX: (02836) 270184 / 270475
Email :- cmepdt@gmail.com
cmepdt@deendayalport.gov.in

Office of the Chief Mechanical Engineer,
Port & Customs Building,
New Kandla (Kutch), Gujarat-370210

No. DD/WK/3050/Pt-I/ GIM/PC-44

Date: 02.06.2022

Sir,

To,
Gujarat Ecology Commission
Forest & Environment Department
Block No. 18, First Floor, Udhog Bhavan,
Gandhinagar, Gujarat

Sub: Work Order to carry out Mangrove Plantation-reg.

The Competent Authority, Deendayal Port Authority has been pleased to approve:

1. To carry out mangrove plantation in 100 Ha. area with consultation of concern Gujarat Ecology Commission and at tentative estimated cost amounting to Rs. 50,00,000/- (excluding GST) for the said mangrove Plantation to be carried out in an area of 100 Ha. as per the stages mentioned by them in the MoU as follows:

Sr. No.	Terms and Condition	Rs. (in lakhs)
1	50% of the project cost of 100 Ha. Mangrove Plantation after signing the MoU.	Rs. 25.00
2	40% of the project cost of 100 Ha Mangrove Plantation after nursery preparation.	Rs. 20.00
3	10% of the project cost of 100 Ha Mangrove Plantation after plantation and submission of First year progress report.	Rs. 5.00
	Total	50.00

2. To sign MoU with the Gujarat Ecology Commission, Government of Gujarat during the ensuing Vibrant Gujarat Summit 2022, regarding proposed Mangrove Plantation to be carried out in an area of 100 Hectares through the Gujarat Ecology Commission.
3. To authorize Dy. CME & CME (I/c) to sign MoU with the Gujarat Ecology Commission, Government of Gujarat during upcoming Vibrant Gujarat Summit 2022 for proposed Mangrove Plantation in an area of 100 Hectares through GEC.

The Expenditure shall be chargeable under Code 841/587/9744 WC-13001

Authority: Approved by Board vide Resolution No. 30 in the board meeting held on 27.05.2022

Chief Mechanical Engineer(I/c)
Deendayal Port Authority

Copy to:

- 1) SE(M)
- 2) A.O. (Works Audit)

Annexure -F

YEAR WISE ACTUAL WORK COSTING OF CSR WORKS APPROVED BY BOARD**1) CSR Works executed during the year 2011 – 2012 and year 2012 – 2014. (Upto Dec'21)**

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	(a).Road from Dr. Baba Saheb Ambedkar Circle to N.H. 8-A (Via Ganesh Nagar).	Rs.482.65 Lakhs
	(b)Road from S.T. Bus Stand (N.H. 8 – A) to Sunderpuri Cross Road Via Collector Road.	
	(C)Road from N.H. 8 –A Railway Crossing to Maninagar (Along Rly Track).	
	(d)Road from Khanna Market Road (Collector Road) to Green Palace Hotel.	
2.	Construction of Internal Roads at "Shri Ram" Harijan Co-op. Housing Society Ltd. (Nr. Kidana).	
3.	(a)Construction of Cremation Ground and kabrastan with other facilities at Vadinar.	Rs 19.44 (Lakhs)
4.	(b)Providing Cement Concrete internal roads in village Vadinar Stage –I.	Rs 16.16 (Lakhs)
	(a)Approach Road provided for developing the Tourism at village Veera near Harsidhi Mata Temple where lot of tourists & Pilgrims visit.	Rs. 4.65 (Lakhs)
	(b)Water Tank along with R.O. provided near by developing Tourism area.	Rs. 30,000 (Thousand)
	(c)Creating facility of flooring and steps surrounding the lake to stop the soil erosion and attract the tourists, at Village Veera.	Rs. 4.80 (Lakhs)
	<u>Total Rs</u>	<u>528 Lakhs</u>

2)CSR Works for the year 2014-2015.

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	Construction of Community Hall-cum school at Maheshwari Nagar, G'dham	Rs 51.90 Lacs
2.	Renovation of "Muktidham" at Kandla	Rs 10.65 Lacs
3.	Sunderpuri-1 valmiki community hall	Rs 5.00 Lacs
	Sunderpuri-2 valmiki community hall	Rs 5.00 Lacs
	Ganeshnagar Community Hall	Rs 10.00 Lacs
	JagjivanMaheshwari community hall	Rs 10.00 Lacs
	Various works of Road of Sapanagar	Rs 99.19 Lac
4.	Construction of compound wall in the Dam of Jogninar village	Rs 14.48 lacs
5.	In addition above 30 Lakhs as committed in Public Hearing meeting held on 18/12/2013 an amount Rs 30 Lakhs shall also be contributed for the CSR works to be carry out at villages Tuna, Vandī , Rampar, Veera etc.	Rs 30.00 Lacs
	<u>Total Rs.</u>	<u>Rs 236.22 Lacs</u>

3)CSR Works for the year 2015-2016.

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	Construction of toilets for Girls / Ladies at Khari Rohar village	Rs. 3.00 Lakhs
2.	Construction of Toilets for Girls manatMathak Primary School, Mathak Village	Rs. 3.00 Lakhs
	<u>Total</u>	<u>Rs.6.00 Lakhs</u>

4)CSR Works for the year 2016-2017.

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	RCC Community Hall at Harshidhi Mata Temple, Veera village, AnjarTaluka	Rs.19.00 Lakhs
2.	Fabricated Community Hall at Sanghad village, AnjarTaluka	Rs.21.00 Lakhs
3.	CSR Works for Shri MaheshwariMeghavadSamaj, Gandhidham at Grave Yard , Behind Redison Hotel.	Rs.8.00 Lakhs
4.	CSR works for ShirDhanrajMatiyadevMuktiDham, Sector-14 , Rotary Nagar, Gandhidham	Rs. 30.50 Lakhs
5.	CSR works for NirvasitHarijan Co-operative Housing Society, Gandhidham.(Health Cum Education Centre)	Rs. 41.00 Lakhs
6.	CSR works for Shri Rotary Nagar Primary school, Gandhidham.	Rs. 2.80 Lakhs
7.	CSR works at NU -4 , NU-10(B) Sapnanagar& Saktinagar, Golden Jublee Park, at Gandhidham	Rs. 18.00 Lakhs
	<u>Total</u>	<u>Rs 140.30 Lakhs</u>

5)CSR Works for the year 2017-2018.

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR works at Shri Ganesh Nagar Govt High School, Gandhidham	38.30
2.	Grant Financial contribution for facility of Army cantonment for 50 air coolers at Kutch Border Area.	15.00
3.	CSR works at Tuna & Vandi villages (providing drainage lines under Swachh Bharat Abhiyan)	39.80
4.	CSR works for S.H.N Academy English School (Managed by Indian Institute of Sindhology –Bharati Sindhu Vidyapeeth), Adipur	40.00
5.	Construction of Internal Road at Bhaktinagar Society, Kidana	
	<u>Total</u>	<u>148.10</u>

6) CSR Works for the year 2018-19

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR work to Donate 100 Nos of Computers to Daughters of Martyred Soldiers in the country under the "BETI BACHAO BETI PADHAO" program by Atharva Foundation, Mumbai	Rs 24.00 Lakhs
2.	CSR work to Donate ONE (40 Seater) School Bus for Deaf Children Students for the Institute of Mata Lachmi Rotary Society, Adipur	Rs 18.00 Lakhs
3.	CSR work to Providing One R.O Plant with Cooler at Panchyat Prathmik Sala, Galpadar Village for the ANARDE Foundation, Kandla & Gandhidham Center.	Rs 1.50 Lakhs
4.	CSR work for Providing Drainage Line at Meghpar Borichi village, Anjar Taluka	Rs 25.00 Lakhs
5.	CSR work for Construction of Health Centre at Kidana Village	Rs 13.00 Lakhs
6.	CSR work to provide 4 Nos. of Big Dust Bin for Mithi Rohar Juth Gram Panchayat	Rs 3.40 Lakhs
7.	CSR work for Renovation & construction of shed at Charan Samaj, Gandhidham -Adipur.	Rs 10.00 Lakhs
8.	CSR Work for Renovation/Repairing of Ceiling of School Building at A. P Vidhyalay, Kandla	Rs 10.00 Lakhs
9.	CSR work for Construction of Over Head Tank & Providing 10 Nos of Computers (for students) of Navjivan Viklang Sevashray, Bhachau, Kutch	Rs 9.50 Lakhs
10.	CSR work to Provide Books & Tuition fees for Educational facilities to weaker section children of ValmikiSamaj, Kutch	Rs 2.00 lakhs
11.	CSR work to provide Water Purifier & Cooler for the ST. Joseph's Hospital, Gandhidham	Rs 1.50 Lakhs
12.	CSR work for Construction of Second Floor (Phase – I) for Training Centre of "GarbhSanskran Kendra" "Samarth Bharat Abhiyan" of Kutch KalyanSangh, Gandhidham	Rs 37.00 Lakhs
	<u>Total cost</u>	<u>Rs 154.90 Lakhs</u>

7) CSR Works for the year 2019-20

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR activities for Providing Drainage line at Nani Nagalpar village.	3.00
2.	CSR activities for Development of ANGANWADI Building at School no- 12 at Ward no 3 & 6 at Anjar.	7.00
3.	CSR activities for Improving the facilities of Garden at Sapna Nagar(NU-4) & (NU-10 B),Gandhidham.	18.00
4.	CSR activities for development of School premises of Shri Guru Nanak Edu. Society, Gim.	30.00
5.	CSR activities for the improvement of the facilities at St JOSEPH Hospital &Shantisadan at Gandhidham	20.00
6.	Consideration of Expenditure for running of St Ann's High School at Vadinar of last five years 2014 to 2019 under CSR.	825.00
7.	CSR activities for development of school premises of Shri Adipur Group Kanya Sala no-1 at Adipur	6.50
8.	CSR activities for development of school premises of ShriJagjivan Nagar PanchyatPrathmiksala, Gandhidham	16.50
9.	CSR activities for development of school premises of Ganeshnagar Government high school, Gandhidham	9.00
10.	CSR activities for improving greenery, increase carbon sequestration and beat Pollution at Kandla, DPA reg.	352.32
11.	CSR activities for providing infrastructures facilities at "Bhiratna Sarmas Kanya Chhatralaya" under the Trust of SamajNav- Nirman at Mirjapur highway, Ta Bhuj.	46.50
	<u>Total cost</u>	<u>1333.82</u>

8) CSR Works for the year 2020-21

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR Proposal for earmarking of 15% Funds for National Marintime Heritage Complex, Lothal, Gujarat (NMHC) from allocated CSR Fund of Rs 3.46 Cr	51.90
	<u>Total</u>	<u>51.90</u>

9) CSR Works for the year 2021-22

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR Activities for providing Water supply pipe line for drinking water facilities for poor people & Fishermen at VANDI Village.	20
2.	CSR activities for providing facilities in Girls Hostel of Kasturba Gandhi Balika Vidhyalay, Gandhidham. Cost for Construction of compound wall, entrance gate, girls toilets)	30
3.	CSR works for Construction of Auditorium Hall at RSETI (Rural Self Employment Training Institute) at Bhujodi-Bhuj.	16
4.	CSR works for the providing of SOLAR POWER SYSTEM and other facilities for 0the JEEV SEVA SAMITI at Gandhidham.	9.3
5.	CSR Activities for providing HD projector for KANYA MAHA VIDYALAYA, Adipur	1.5
6.	CSR works for Construction of New Building for Setting up of skill development centre at Rajkot (Sewa Gujarat).	250
7.	CSR Works for Ladies Environment Action Foundation (LEAF) Trust for providing infrastructure to the primary school at Gandhinagar District	46.5
8.	CSR works lor Providing of Furniture for the School "Shri Galpadar Panchayat Prathmic Kumar group Sala" at Galpadar village,Taluka:Gim	5
	<u>Total Cost</u>	<u>378.3</u>

10) CSR Works for the year 2022-23

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR work for providing One Bore hole with construction one room along with Motor pump at Village MOTI NAGALPAR, Anjar.	18
2.	CSR work for Construction of Shamashan bhoomi (Crematorium) at Gandhidham.	49.5
3.	CSR work for providing metallic sheet DOME in Community Hall at Old Sunderpuri for Shri Juni Sundarpuri Maheshwari Samaj at Gandhidham.	15
4.	CSR Activities for construction of Samajwadi at village: Rampar,Taluka:Anjar.	15
5.	Financial assistance under CSR for providing basic facilities at Gandhidham GSRTC bus station.	25
6.	CSR Activities for construction of School Building for physically disabled, deaf & mute children, Shri & Shrimati Chhaganlal Shyamjibhai Virani Behera Munga Shala Trust, Virani Deaf School at Rajkot.	5
7.	CSR work for construction of new Administrative staff block for the Maitri Maha Vidhyalaya, Adipur.	64.65
8.	Financial support under CSR for providing 60 seater school bus for "Aadhaar Sankul", Manav Seva Trust,Gandhidham.	25
9.	CSR work for extension of Night shelter cum old age home for "DADA BHAGWANDAS ADVANI TRUST" Adipur.	78
10.	Financial assistance under CSR for Rooftop Solar System & Afforestation under clean energy & sustainable development in 10 villages around DPA	63.72
	<u>Total Cost</u>	<u>358.87</u>

11) CSR Works for the year 2023-24

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	CSR works for Shree Kachchh Mahila Kalyan Kendra, Bhuj-Kutch	55
2.	CSR Activities for Installation of 125 no. Sanitary Pad Vending Machines at Women Hostels,NGOs etc, in Kutch District	15
3.	CSR Fund for Vadinar Village & surrounding	128.54
4.	CSR Activities for Girls Hostel at Kasturba Gandhi Balika Vidhyalaya At Shinay, Taluka:Gim.	33.25
5.	CSR request for Allotment of fund for construction of Community hall at Adipur for Maheshwari Meghval Samaj.	25
6.	CSR Request for requirement of funds for renovation work in Sector-7, Gandhidham (Aryasamaj Gandhidham)	30
7.	CSR Request for providing"Antim Yatra Bus" & Mortuary Cabinet Morgue" for Adipur-Gandhidham from CSR Funds,	25
8.	CSR Request for creation of a Children park at Gandhidham Military Station, Gandhidham	15
9.	CSR Request for construction of Toilet block units for Girls & Boys NAV JIVAN VIKLANG SEVA SHREY Bhachau	3.04
10.	CSR Request for laying Synthetic Athletic track in Galpadar and to Provide One E-Kart facility for Conveyance of youths at BSF Campus, Gandhidham	75
11.	CSR request for submitted by AAS, Indore for solid waste Management at Gandhidham & Kandla.	49.93
12.	CSR request from Trikamsaheb Manav Seva Trust at Madhapar Near Bhuj for grant for Construction of Community Hall, Compound Wall etc.	40
13.	CSR Request for construction of Dome shaped shed at Rampar Village Prathmik Shala,Rampar	24
14.	CSR Fund for development of School premises of Shri Guru Nanak Education	4.5
15.	CSR Request for conducting Awareness campaigns on T.B. Prevention & treatment, Mumbai	60
16.	CSR Request for fund under CSR for Railway Institute, Gandhidham, Western	5
17.	CSR Proposal project for Sanitary Pad Making Machine for School Girls, Anjar	12.39
	<u>Total Cost</u>	<u>600.65</u>