



DEENDAYAL PORT AUTHORITY
(Erstwhile: DEENDAYAL PORT TRUST)

Administrative Office Building
Post Box NO. 50
GANDHIDHAM (Kutch).
Gujarat: 370 201.
Fax: (02836) 220050
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www.deendayalport.gov.in

EG/WK/5203/(D)/VIII/EC Compliance /161

Date: 11/08/2022

To,
Smt. Urvashi Upadhyay,
Environment Engineer,
Unit Head, Kachchh (Bhuj),
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10A, Gandhinagar- 382 010.
Email: kut-uh-gpcb@gujarat.gov.in

Sub: "Proposed Smart Industrial Port City (SIPC) at green Field Site 2 (KPT Complex, 850 Acres), Gandhidham, Kutch — Gujarat" by M/S Deendayal Port Authority—**Point wise Compliance report of NOC (CTE) reg.**

- Ref.:** 1) No Objection Certificate granted by GPCB vide order no. PCC/CCA-KUTCH-1510/GPCB ID 60099 Outward No. 451927 dated 13/04/2018.
2) EG/WK/5203/ (D)/VIII / EC Compliances /774 dated 07/08/2018.
3) EG/WK/5203/ (D)/VIII / EC Compliances /119 dated 04/04/2019
4) EG/WK/5203/ (D)/VIII / EC Compliances dated 21/12/2019

Sir,

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

In this regard, it is to state, that vide above referred letter dated 13/04/2018, GPCB had granted Consent to Establish to Deendayal Port Authority (Erstwhile Deendayal Port Trust) for the proposed subject vide letter dated 13/04/2018. Accordingly, please find enclosed herewith compliance report of conditions stipulated in CTE Order (**Upto May, 2022**) of Deendayal Port Authority along with necessary annexure (**Annexure 1**), for kind information & 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 kut-uh-gpcb@gujarat.gov.in.

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

Thanking You.

Encl.: As above

Yours faithfully,


Manager (Env.)
Deendayal Port Authority

Copy along with point wise compliance of stipulated conditions, to:

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

Annexure -I

Compliance Status Report up to May, 2022

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 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.

Present Status of the project: The basic Infrastructure facilities proposed to be developed by DPT 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.

NO CONSTRUCTION ACTIVITY WAS CARRIED OUT BY DPT DURING THE PERIOD FROM DECEMBER 2019 TO MAY 2020

| 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 | 5.62 |
| Water Supply - Potable | 35.15 | |
| Water Supply - Non-Potable | 35.00 | |
| Sewerage Network | 23.08 | |
| Storm Water Drainage | 30.14 | |
| Solid Waste Management | 10.00 | |
| Power Supply | 15.00 | |
| 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 | 188.23 Cr |

- **At present, one plot has been allotted to M/s EmamiAgrotech Limited for the purpose of Edible Oil Industry vide letter of allotment dated 10/10/2019. The CCA and six monthly compliance report upto June 2022, Form IV and Form V submitted by the allottee is attached herewith as Annexure A.**
- DPT 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.
- Interchange cum Road Over Bridge (ROB) is being constructed by Deendayal Port Trust near Smart Industrial Port City Location-2 (Kandla). An area of 25579.02 sq. m (6.23 acres) of SIPC Location 2 has been given to ROB, as per the requirement. Now, therefore, the total project area of Smart Industrial Port City Location-2 (Kandla) is 843.77 acres (850-6.23).

| 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. | DPA submitted six monthly compliance report of stipulated conditions as mentioned in the Clearance letter dated 10/10/2017 to MoEF&CC. |
| 2 | No ground water shall be withdrawn without prior approval from competent authority. | Noted please. Land filling work is completed and no-ground water was used. Further, in future also, it is hereby assured that no ground water shall be used during construction /operation phase of the project |
| 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 industriesCovered under Category A or B of the EIA Notification shall be permitted. No part of theproject shall lie in the CRZ area. No industries covered under Category A or B of EIA Notification, shall be permitted in port city. | Noted please |
| 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 inroad side plantation, spraying for dust suppression. No effluents should be allowed to flowinto the creek. | Area of about 2.88 acres is earmarked for STP/CEPT. 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. Before that every plot owner shall treat their waste by own by providing appropriate arrangement. Further, the treated sewage will be recycled/re-used by the plot owner. |
| 5 | You shall give treatment of sewage in STP with Submerged Aerated Fixed Reactor and moving Bed Bio-Reactor (MBBR) technology with tertiary treatment (preferably Ultra Filtration) for the sewage generated from industry as well as residential area. | Area of about 2.88 acres is earmarked for STP. At present only one plot is allotted. After sufficient no. of industries are set up, assessment will be done and accordingly STP will be developed. At present only one plot is allotted. The allottee has submitted that, the STP of |

| SR. NO | SPECIFIC CONDITION | STATUS | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|--|----------|-------------|------|-----------------------------|-----------|------------------|----------|--------------|---------|-------------------|---------|--------------------|---------|----------------------|---------|-----|----------|-----------|----------|--|
| | | 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 (land filling) 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, DPT allotted only one plot in SIPC project. EC conditions will be made as a part of lease agreement with the Plot allottee. | | | | | | | | | | | | | | | | | | | | |
| 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 | <p>The quality of generated industrial waste water generated from member industries shall conform to the following standards:</p> <p>Parameter Permissible Limit</p> <table border="1" data-bbox="300 1360 922 1864"> <tbody> <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> </tbody> </table> | 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 | <p>Noted please</p> <p>Currently, only one plot is allotted. The monitoring report submitted by the allottee is attached herewith with its compliance report at Annexure A.</p> |
| 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 | | | | | | | | | | | | | | | | | | | | | |

| SR. NO | SPECIFIC CONDITION | | STATUS | | | | | | | | | | | | | | | |
|------------------|---|---------------|---|------|------------|----|--------|------------|--------------|--|---------|------------------|--|----------|----------------|--|---------------|---|
| | Sulphates | 1000 mg/L | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | |
| 3.4 | The quality of the sewage shall conform to the following standards <table border="1" data-bbox="300 741 922 911"> <thead> <tr> <th colspan="2">PARAMETERS</th> <th>GPCB NORMS</th> </tr> </thead> <tbody> <tr> <td>PH</td> <td></td> <td>6.5 to 9.0</td> </tr> <tr> <td>BOD</td> <td></td> <td>30 mg/L</td> </tr> <tr> <td>Suspended solids</td> <td></td> <td>100 mg/L</td> </tr> <tr> <td>Fecal coliform</td> <td></td> <td>1000MPN/100ml</td> </tr> </tbody> </table> | | PARAMETERS | | GPCB NORMS | PH | | 6.5 to 9.0 | BOD | | 30 mg/L | Suspended solids | | 100 mg/L | Fecal coliform | | 1000MPN/100ml | Noted please Currently, only one plot is allotted. The monitoring report submitted by the allottee is attached herewith with its compliance report at Annexure A. |
| PARAMETERS | | GPCB NORMS | | | | | | | | | | | | | | | | |
| PH | | 6.5 to 9.0 | | | | | | | | | | | | | | | | |
| BOD | | 30 mg/L | | | | | | | | | | | | | | | | |
| Suspended solids | | 100 mg/L | | | | | | | | | | | | | | | | |
| Fecal coliform | | 1000MPN/100ml | | | | | | | | | | | | | | | | |
| 3.5 | The quality of the treated sewage confirming to the above norms shall be used for dustsuppression, landscaping and washing purpose at the site. | | Noted please | | | | | | | | | | | | | | | |
| 4 | Condition Under Air Act-1981 | | | | | | | | | | | | | | | | | |
| 4.1 | The following shall be used as fuel in D.G. set respectively <table border="1" data-bbox="300 1184 902 1289"> <thead> <tr> <th>Sr. No</th> <th>Fuel</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Diesel</td> <td>638Ltr/hr</td> </tr> </tbody> </table> | | Sr. No | Fuel | Quantity | 1 | Diesel | 638Ltr/hr | Noted please | | | | | | | | | |
| 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. 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 |
|--------|---|---|-----------------------|--|---|--|
| | S r. No | Stack attached to | Stack height in meter | Parameter | permissible limit | |
| 4.3 | 1 | D. G. sets (1x125 KVA) (6x500 KVA) | 11 | NO _x +HC CO PM Smoke limit (Light absorption coefficient) | ≤7.5 g/kW-hr ≤3.5 g/kW-hr ≤0.3 g/kW-hr ≤ 0.7 m-1 | |
| | There shall be no process gas emission from manufacturing activities and other ancillary operations. | | | | | Noted please |
| 4.4 | The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified here under as per National Ambient Air Quality Emission Standards issued by MoEF&CC dated 16 th November- 2009. | | | | | 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. |
| | 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 | | |
| | 3 | Particulate Matter (Size less than 10 µm) | Annual 24 Hours | 60 100 | | |

| SR. NO | SPECIFIC CONDITION | | | | STATUS |
|----------|--|---|----------------|----------|--|
| | | OR PM ₁₀ | | | |
| | 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 |
| 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. |
| 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" | | | | Public Liability Insurance is renewed time to time as required. The extended Public Liability Insurance is valid till July 2023. |
| 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 |

| SR. NO | SPECIFIC CONDITION | STATUS |
|--------|---|---|
| 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 wastewater and air emissions and solid hazardous waste generated within the factory premises. | Noted please |
| 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. | <p>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).</p> <p>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.</p> |
| 5.10 | A separate budget shall be earmarked for environmental management and socio-economic activities including the green belt mangrove plantation and details thereof shall be furnished to this Department as well as the MoEF&CC, GOI | <p>The allocation made under the scheme of "Environmental Services & Clearance thereof other related Expenditure" during BE 2021-22 is Rs. 266 Lakhs & BE 2022-23 is Rs. 345 Lakhs.</p> <p>As a part of mangrove conservation, DPA has undertaken Mangrove Plantation in an area of 1500 Hectares at various location still 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</p> |

| SR. NO | SPECIFIC CONDITION | STATUS |
|---------------|--|--|
| | | <p>Comission 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> |
| 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. | Noted please |
| 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. | 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, DPT allotted only one plot in SIPC project. EC conditions will be made as a part of lease agreement with the Plot allottee. |

Annexure -A



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

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

Date: 30.07.2022

Sub: Submission of Six-Monthly Compliance EC compliance for the period till Jun 2022

Sir,

With reference to the EC clearance letter No. F.No.21-169/2017-iA-III dated 10/10/2017 for the project Smart Industrial Port City (SIPC) at Green field site – 2 (KPT Complex, 850 acres). We **Emami Agrotech Limited** having Address _____

(Plot Allottee – plot no. 49 SIPC at green field site – 2) , hereby submit the 6 monthly compliance for the period till Jun 2022 for our unit at above address

Hope it is as per your requirement

Thanks and Regards


Suresh Kochra
EHS Manager



Emami Agrotech Limited

30/7/22
02/08/2022

**Monitoring the implemental Safe guards Ministry of Environment &
Forests
Regional office (WZ), Bhopal.
Monitoring Report (Upto Jun, 2022)
DATA SHEET**

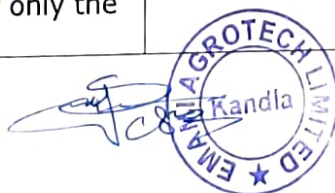
| Sr. No. | Particulars | Reply |
|---------|--|---|
| 1. | Project type: River valley/ Mining/Industry/ thermal/nuclear/Other (specify) | Edible oil refinery Unit |
| 2. | Name of the project | Smart Industrial Port City (SIPC) at Green field site – 2 (KPT Complex, 850 acres) |
| 3. | Clearance Letter (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: 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) | - Suresh Kochra EHS Manager ✓ 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 loing houses/dwelling units only agricultural land & landless laborer's/artisen a) SC. ST/Adivasis b) Others (please indicate whether these figures are based on any scientific and systematic survey carried out of 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 |




| | | |
|-----|--|--|
| | a) The status of approval for diversion of forest land for non-forestry use | Nil- Not related. |
| | b) The status of clear felling | NIL |
| | c) The status of compensatory a forestation, if any | Nil |
| | d) Comments on the viability & sustainability of compensatory a forestation programmed in the light of actual field experience so far | None |
| 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. | Status of construction a) Date of commencement (Actual and/orplanned) b) Date of completion (Actual and/or planned) | 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 | Project partially in operations ✓ |
| 15. | Date of site visited a) The dates on which the project was monitored by the regional office on pervious occasion. if any b) The date site visit for this monitoring report | --- |
| 16. | 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. (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.) | --- |



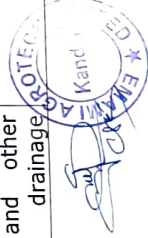
| . No. | EC Conditions | Compliance Status |
|-------------------------------------|---|---|
| PART A – SPECIFIC CONDITIONS | | |
| I. Construction Phase | | |
| I | The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before 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 CTE Amendment dated 22.09.2020 NOC no. 181234 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. | Noted and Agreed to the condition. As per the EIA notification 2006 we are not required to take separate EC |
| 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. | Point noted |
| 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. | Solar power generation installed. ← to response solar lighting will be |
| x | Sewage shall be treated in the | 20KLD STP plant is operational, |




| . No. | EC Conditions | Compliance Status |
|-------|--|--|
| | 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 | maintained recycled water used for flushing, 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 the ground level for facilitating segregation of waste. Solid waste | Area for wet and dry bins have been earmarked for segregation of waste as per the norms. |



| . No. | EC Conditions | Compliance Status |
|-------|--|---|
| xvii | <p>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</p> <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 organization of repute and specializing in Transport and 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> | <p>Point Noted.</p> <p>Traffic study is being conducted out by the DPT.</p> |
| xviii | <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> | --- |
| xix | <p>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-swales, landscape, and other sustainable urban drainage</p> | <p>It is assured that the natural drain system is being maintained for ensuring unrestricted flow of water.</p> |



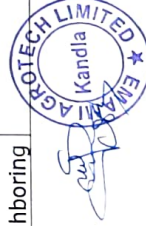
| . No. | EC Conditions | Compliance Status |
|-------|---|---|
| xx | <p>systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done</p> <p>Construction 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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, 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> | <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 | <p>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 and Demolition Waste Rules, 2016. All workers working at the</p> | <p>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.</p> |



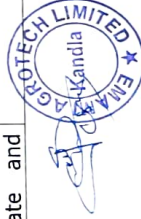
| . No. | EC Conditions | Compliance Status |
|-------|--|---|
| | construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask | |
| xxii | Provisions shall be made for the 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 building design. Wall, window, and roof u-values shall be as per | Point noted for the compliance. Complied as per Energy Conservation Building Code (ECBC) |



| . No. | EC Conditions | Compliance Status |
|--------|---|---|
| xxv | <p>ECBC specifications.</p> <p>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</p> | <p>Latest fixtures installed with least water wastage.</p> |
| xxvi | <p>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.</p> | <p>Dual pipe plumbing provided for supplying fresh water for drinking, washing and bathing.</p> <p>Recycled water arrangements for flushing, cooling tower and gardening.</p> |
| xxvii | <p>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</p> | <p>Separate plumbing line are provided for grey and black water.</p> |
| xxviii | <p>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</p> | <p>Solar power generation installed</p> |
| xxix | <p>A First Aid Room shall be provided in the project both during construction and operations of the project</p> | <p>We have provided the required first aid facility on the Site.</p> |
| xxx | <p>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.</p> | <p>Already implemented</p> |
| xxxi | <p>Disposal of muck during construction phase shall not create any adverse effect on the neighboring</p> | <p>Complied</p> |



| . No. | EC Conditions | Compliance Status |
|---------|---|---|
| xxxii | <p>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</p> <p>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</p> | Complied ✓✓ |
| xxxiii | <p>Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred</p> | Complied ✓✓ |
| xxxiv | <p>As proposed, no ground water shall be used during construction/ operation phase of the project</p> | No ground water is being used. Ready mixed used in building construction. |
| xxxv | <p>Approval of the CGWA require before any dewatering for basements</p> | Point Noted ✓✓ |
| xxxvi | <p>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 lightning etc.</p> | complied ✓✓ |
| xxxvii | <p>Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board</p> | Complied ✓✓ |
| xxxviii | <p>Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and</p> | complied ✓ |



| . No. | EC Conditions | Compliance Status |
|-------|---|--|
| xxxix | <p>should conform to applicable air and noise emission standards be operated only during nonpeak hours.</p> <p>Ambient noise levels shall conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000.</p> <p>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</p> | <p>We hereby assure that ambient noise level confirms to the standard of Noise Pollution (Control and Regulation) Rules, 2000.</p> <p>Monitoring report of the noise is attached as Annexure - 2</p> |
| xl | <p>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</p> | <p>Point noted, Ready mixed used in building construction.</p> |
| xli | <p>comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be</p> | <p>All regulations of DISH followed</p> |



| . No. | EC Conditions | Compliance Status |
|----------------------------|--|---|
| | <p>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> | <p>Complete layout is as per approval of DISH ✓</p> |
| 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> | <p>Point noted</p> |
| II. Operation Phase | | |
| i | <p>Fresh water requirement from Gujarat Water Supply and Sewerage Board (GWSSB) water supply shall not exceed 6322.77 KLD.</p> | <p>Complied ✓</p> |
| ii | <p>A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing</p> | <p>Complied ✓ Tree Plantation maintained as per</p> |



| . No. | EC Conditions | Compliance Status |
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| | 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 | 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 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 | STP plant approved by GPCB ✓ |



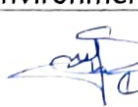

| . No. | EC Conditions | Compliance Status |
|-------|---|-------------------------------------|
| vii | <p>quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP</p> <p>No sewage or untreated effluent water would be discharged through storm water drains</p> | Complied ✓ |
| viii | <p>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</p> | Complied as per GPCB norms. ✓ |
| ix | <p>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.</p> | Complied as per GPCB norms. ✓ |
| x | <p>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</p> | Solar power generation installed. ✓ |
| xi | <p>Solar power shall be used for lighting in the apartment to reduce the power 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</p> | Solar power generation installed. ✓ |



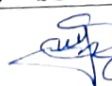

| . No. | EC Conditions | Compliance Status |
|-------|---|-------------------|
| | requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible. | |
| xii | Energy conservation measures 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 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. | Complied ✓ |
| xix | The company shall draw up and | Complied |



| . No. | EC Conditions | Compliance Status |
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| | implement a corporate social Responsibility plan as per the Company's Act of 2013. | |
| 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 | Environment Protection devices and processing units installed and information provide to GPCB ✓ |
| 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. ✓ |
| 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 | Point noted and agreed with. ✓ |

| . No. | EC Conditions | Compliance Status |
|-------|---|---|
| | (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner | |
| 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 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 | 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 |
|-------|--|---|
| | 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 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 | complied |




| . No. | EC Conditions | Compliance Status |
|-------|---|--------------------------|
| | 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-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D

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 0(2) of the Hazardous and Other Waste (Management and Transboundary) Rules, 2016 framed under the Environmental (Protection) Act-1986. This Board is empowered to Grant CC&A.

And whereas Board has received consolidated consent application inward no. 100595 dated 10/08/2021 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consents & Authorization are hereby granted as under:

CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,

M/s. Emami Agrotech Limited, (72346)

Survey no. 49,

Location-2 of Smart Industrial Port City (SIPC) of KPT (DPT)

Pa-Kandla Marine Police Station,

Tal: Gandhidham,

Dist: Kutch – 370 210

1. Consent Order No. AWH-115551 Date of Issue: 28/10/2021.
2. The consents shall be valid upto 09/08/2026 for the use of outlet for the discharge of treated effluent and emission due to operation of industrial plant for manufacturing of the following items/ products:

| Sr. No. | Product | Quantity per Month |
|---------|----------------------|--------------------|
| 1 | Refined Palm Oil | 66,500 MT |
| 2 | Refined Soya Oil | 35,000 MT |
| 3 | Vanaspati | 5,800 MT |
| 4 | Palm Fatty Acid | 3,500 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 |

Subject to specific condition:

1. Industry shall not carry out any activities which attract provision of EIA notification 2016 and its amendment.
2. Industry shall install & operate conveyance pipeline (4.81 KM) only after CRZ Clearance from competent authority.

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Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

3. Industry shall comply with applicable conditions of Environment Clearance granted to Kanda Port Trust for Smart Industrial Port City (SIPC) granted by MoEF & CC vide order dated 10/10/2017.
4. Industry shall comply with Manufacturing, Storage and Import of Hazardous Chemicals Rules - 1989.
5. Industry shall comply with coal handling guidelines of this Board.
6. Industry shall provide dedicated silo for storage of fly ash & shall dispose of fly ash as per CPCB guideline.
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)).
8. As per Provisions of Rule 13 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'.
9. Industry shall not withdrawal ground water without prior NOC of CGWA as per order of Hon. National Green Tribunal.
10. Industry shall obtain registration with approved EPR action plan as per Plastic Waste Management Rules-2016 & comply with following conditions:
 - a. 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.
 - b. 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.
 - c. Comply with manifest system introduced by this Board. (Available on GPCB website) for the movement of plastic waste within and from State of Gujarat & submit copies of the same with quarterly compliance report.
 - d. Purchase plastic raw material only from manufactures industry having valid registration under plastic rules, maintain its record and submit its report with quarterly compliance.
 - e. 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.

3. CONDITIONS UNDER THE WATER ACT:

3.1 Water Source: - DPT & GWIL.





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

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- 3.2 The quantity of the fresh water consumption for industrial purpose shall not exceed 2616 KL/Day (Fresh: 1666 KLD + Recycle: 950 KLD).
- 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.
- 3.4 The quantity of the fresh water consumption for domestic purpose shall not exceed 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.
- 3.6 The quantity of domestic waste water (sewage) shall not exceed 20 KL/Day.
- 3.7 Industry shall operate Effluent Treatment Plant (ETP) adequately so that treated industrial effluent shall comply with following norms:

| PARAMETERS | PRESCRIBED LIMITS |
|--------------------------------|-------------------|
| pH | 6.5 to 8.5 |
| Temperature | 40°C |
| Colour (Pt.Co. scale) in units | 100 units |
| Total Suspended Solids | 100 mg/L |
| Oil and Grease | 10 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 |
| Total dissolved solids | 2100 mg/L |
| Percent Sodium | 60 % |
| Phenolic Compounds | 1 mg/L |
| Sulphides | 5.0 mg/L |
| Sodium Absorption Ratio | 26 |

- 3.8 Industrial effluent after confirming to above norms shall be partially (410 KLD) subjected to (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.
- 3.9 Industry shall provide flow meter at inlet & outlet to all RO system ERS, outlet of ETP, reuse line for RO permeate & MEE condensate & maintain its records.
- 3.10 Industry shall operate Sewage Treatment Plant (STP) adequately so that treated domestic effluent shall comply with following norms:

| PARAMETERS | PERMISSIBLE LIMIT |
|------------------------|-------------------|
| pH | 6.5 to 9.0 |
| BOD (3 days at 27° C) | 20 mg/L |
| Suspended Solids | 100 mg/L |
| Fecal Coliform | <1000 MPN/100 ml |

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Clean Gujarat Green Gujarat

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3.11 Treated domestic effluent conforming to above standard shall be discharged on land for gardening & plantation within premises.

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.

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.

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:

| Sr. No. | Utility | Fuel | Quantity |
|---------|----------------------------------|---------------|------------|
| 1. | AFBC Steam Boilers (26 TPH) | Imported Coal | 7.5 MT/hr |
| 2. | AFBC Steam Boilers (16 TPH) | Imported Coal | 4.5 MT/hr |
| 3. | Thermic Fluid Heater (40 L Kcal) | Imported Coal | 6 MT/hr |
| 4. | Thermic Fluid Heater (20 L Kcal) | Imported Coal | 4 MT/hr |
| 5. | Thermic Fluid Heater (8 L Kcal) | Imported Coal | 2 MT/hr |
| 6. | D.G. Set (2000 KVA) | Diesel | 450 ltr/hr |

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

4.3. The flue gas emission through stack attached to Thermic Fluid Heaters, D.G. Set & AFBC Boilers shall conform to the following standards

| Sr. No | Stack attached to | Stack height in Meters | APCM | Parameter | Permissible limit |
|--------|---|------------------------|----------------------------|--|---|
| 1. | Thermic Fluid Heater (Cap:40 Lakh Kcal) | Common Stack 30 Meter | Bag filter, Water Scrubber | PM SO ₂ NO _x | 150 mg/Nm ³ 100 ppm 50 ppm |
| 2. | Thermic Fluid Heater (Cap:20 Lakh Kcal) | | | | |
| 3. | Thermic Fluid Heater (Cap: 8 Lakh Kcal) | | | | |
| 4. | D.G. Set (2000 KVA) | 15 | Adequate Stack height | PM SO ₂ NO _x | 150 mg/Nm ³ 100 ppm 50 ppm |
| 5. | AFBC Steam Boiler (Cap:26 TPH) | 60 | Water Scrubber, ESP | | |
| 6. | AFBC Steam Boiler (Cap:16 TPH) | | | | |

Be





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

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

| Sr. No | Stack attached to | Stack height In Meters | APCM | Parameter | Permissible limit |
|--------|-------------------------|------------------------|----------------|--------------|--|
| 1. | Acid oil plant scrubber | 15 | Water Scrubber | Acid Mist PM | 50 mg/Nm ³ 50 mg/Nm ³ |

4.5 The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source) other than the stack/vent) shall not exceed the following levels.

| 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 |

4.6 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.

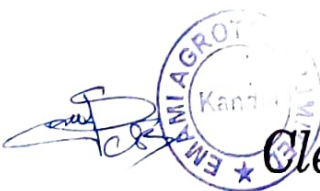
4.8 D.G. Sets Conditions

The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-I 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 standards.

- 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 which the generator set is installed.



[Handwritten Signature]

- b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- 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.
- d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- 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.
- f) Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
- 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.

5. AUTHORIZATION as per HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY) RULES, 2016 Form-2 [See rule 6 (2)]

Form for grant of authorization for occupier or operator handling Hazardous waste

5.1 Authorization order No:-AWH- 115551 date of Issue: 28/10/2021.

5.2 M/s. Emami Agrotech Limited, is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at -49, Location-2 of Smart Industrial Port City (SIPC) of KPT (DPT), Ps-Kandla Marine Police Station, Tal: Anjar, Dist : Kutch.

| Sr. No | Waste | Quantity per Annum | Schedule/ Category | Facility |
|--------|---|--------------------|--------------------|--|
| 1 | Used or Spent Oil | 4 MT | I-5.1 | Collection, storage, transportation & disposed by registered recycler. |
| 2 | Chemical Sludge from waste water treatment (ETP Sludge) | 120 MT | I-34.3 | Collection, storage, transportation & disposed off to TSDF site. |
| 3 | Discarded Containers/ Barrels Drum/ Bags/ | 2 MT | I-33.1 | Collection, storage, & disposal by selling to authorized decontaminator. |





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

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| | | | | |
|---|---|---------|--|--|
| 4 | Spent Nickel Catalyst | 3.6 MT | | 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 site. |

5.3 The authorization shall be valid upto 09/08/2026.

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) Act-1986.

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 CGA of this Board.

5.6 TERMS AND CONDITIONS OF AUTHORISATION

1. The applicant shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
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.
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.
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 impacts and also carry out mock drill in this regard at regular interval of time.
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"
7. It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous and Other Waste Rules, 2016.



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ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

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.
10. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
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.
12. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
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.
14. The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) the wastes generated.
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.
16. In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board.
17. As per "Public Liability Insurance Act-91" company shall get Insurance Policy, if applicable.
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 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.
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.
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.
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.



- 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.
- 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.
- 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.
- 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.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(Smt. U.K. Upadhyay)
Senior Environment Engineer

NO: GPCB/CCA-Kutch-1655/ID-72346/ 606644

Date:- 20/11/21

Issued to:
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



Report No: - EE/ENV/2022/06/061

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-----------------------------|---|---------------------|---------------------------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/N1-N10 |
| 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 | Location | As per table |
| | | Quantity | NA |
| | | Date of Measurement | 15/06/2022 |
| Measurement Done By | Earth Envirotech Team | Sampling Instrument | Sound Level Meter (HTC/SL-1350) |
| Measurement Completion Date | 16/06/2022 | Sampling Method | IS 9876 : 1981 & 9989 : 1981 |

NOISE MONITORING RESULTS

| Sr. No. | Location Name | Units | Day Time |
|---------|---------------------------|-----------|---------------------------------|
| | | | Spot Noise Level dB (A) Maximum |
| | Standard Limit | dB | 75 |
| 1. | Near Security Main Gate | dB | 65.1 |
| 2. | Near Ware House Road Area | dB | 69.8 |
| 3. | Near Packing Area | dB | 72.2 |
| 4. | Near Store Area | dB | 67.7 |
| 5. | Near Crusher plant Area | dB | 72.9 |
| 6. | Near 16 Ton Boiler Area | dB | 71.7 |
| 7. | Near ETP Area | dB | 73.8 |
| 8. | Near D. G. Set Area | dB | 72.6 |
| 9. | Near WTP Area | dB | 68.7 |
| 10. | Near Tanker Loading Area | dB | 72.4 |

 Analyzed By: 


- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 Days from the date of sampling.



Report No: - EE/ENV/2022/06/056

Date: 22/06/2022

ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/AA4 |
| 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 | Location | Near Store Area |
| | | Quantity | N/A |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | IS 5182 (Part – 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 16/06/2022 |

AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient Air Quality Standards (NAAQS) | Reference Method |
|---------|--------------------------------------|-------------------|-----------------|--|------------------------|
| | | | Near Store Area | | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 44.54 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 18.25 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 12.89 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 15.45 | 80 | IS 5182 Part 6 : 2017 |

Analyzed By: 



- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including Judiciary purpose without our prior permisson.
- Sample will be retained till 15 days from the date of sampling.



Report No.: EE/ENV/2022/06/056

Date: 22/06/2022

ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAI/AA3 |
| Address | Survey No. 49, Location - 2 of Smart Industrial Port City (SIPC) of KPI (DPI) P's-Kandla Marine Police Station, Tal. Gandhidham, Dist: Kutch - 370210 | Location | Near Packing Area |
| Sampling Done By | Earth Envirotech Team | Quantity | N/A |
| Analysis Starts on | 16/06/2022 | Date of Sampling | 15/06/2022 |
| Analysis Completion On | 20/06/2022 | Sampling Method | IS 5182 (Part - 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| | | Sample Received Date | 16/06/2022 |

AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient | Reference Method |
|---------|--------------------------------------|-------------------|-------------------|-------------------------------|------------------------|
| | | | Near Packing Area | Air Quality Standards (NAAQS) | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 46.56 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 20.45 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 12.25 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 16.78 | 80 | IS 5182 Part 6 : 2017 |

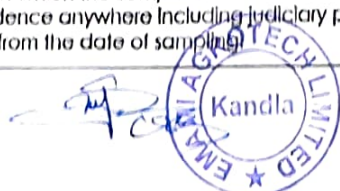
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Analyzed By:



Authorized Signatory:

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judicial purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.



Report No: - EE/ENV/2022/06/054

Date: 22/06/2022

ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/AA2 |
| 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 | Location | Near Hydrogen Plant |
| | | Quantity | N/A |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | IS 5182 (Part - 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 16/06/2022 |


AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient Air Quality Standards (NAAQS) | Reference Method |
|---------|--------------------------------------|-------------------|---------------------|--|------------------------|
| | | | Near Hydrogen Plant | | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 44.25 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 22.39 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 15.86 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 19.58 | 80 | IS 5182 Part 6 : 2017 |

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Analyzed By:

Authorized Signatory:


- Analysis is subject to the condition in which the sample is received at our laboratory.
- Reports can not be used as an evidence anywhere including judicial purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

[Signature]
Kandla


Report No: - EE/ENV/2022/06/057

Date: 22/06/2022

ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/ST1 |
| 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 | Location | AFBC Steam Boiler (Cap. 26 TPH) + AFBC Steam Boiler (Cap. 16 TPH) (Common Stack) |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

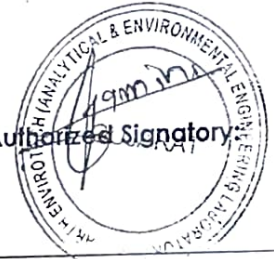
FUEL STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|---------------------------------------|--------------------|--------------|-------------------------|-------------------|
| | | | Common Stack | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 56.63 | 150 | IS 11255 : Part 1 |
| 2. | Sulphur dioxide (SO ₂) | ppm | 14.26 | 100 | IS 11255 : Part 2 |
| 3. | Oxides of Nitrogen (NO _x) | ppm | 12.54 | 50 | IS 11255 : Part 7 |

Analyzed By:

Authorized Signatory:

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



ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/ST3 |
| 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 | Location | D. G. Set (2000 KVA) |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

FUEL STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|---------------------------------------|--------------------|----------------------|-------------------------|-------------------|
| | | | D. G. Set (2000 KVA) | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 72.66 | 150 | IS 11255 : Part 1 |
| 2. | Sulphur dioxide (SO ₂) | ppm | 23.95 | 100 | IS 11255 : Part 2 |
| 3. | Oxides of Nitrogen (NO _x) | ppm | 17.86 | 50 | IS 11255 : Part 7 |

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Analyzed By:

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Authorized Signatory:



- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

[Signature]
EMAMI AGROTECH LIMITED
Kandla

ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/PST1 |
| 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 | Location | Acid Oil Plant Scrubber |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

PROCESS STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|-------------------------|--------------------|-------------------------|-------------------------|-------------------|
| | | | Acid Oil Plant Scrubber | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 22.56 | 50 | IS 11255 : Part 1 |
| 2. | Acid Mist | mg/Nm ³ | 05.69 | 50 | EPA method 8 |

Analyzed By:

Authorized Signatory



- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.



ANALYSIS REPORT
(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|--|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/ST2 |
| 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. | Location | Thermic Fluid Heater (Cap. 40 Lakh Kcal) + Thermic Fluid Heater (Cap. 20 Lakh Kcal) (Common Stack) + Thermic Fluid Heater (Cap. 8 Lakh Kcal) |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

FUEL STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|---------------------------------------|--------------------|--------------|-------------------------|-------------------|
| | | | Common Stack | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 63.96 | 150 | IS 11255 : Part 1 |
| 2. | Sulphur dioxide (SO ₂) | ppm | 14.65 | 100 | IS 11255 : Part 2 |
| 3. | Oxides of Nitrogen (NO _x) | ppm | 11.56 | 50 | IS 11255 : Part 7 |

Analyzed By:



- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judicial purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.



Report No: - EE/ENV/2022/06/063

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/WW1 |
| 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 | Location | ETP Inlet |
| | | Quantity | 2 L |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | APHA 1060 |
| Analysis Completion On | 22/06/2022 | Sample Received Date | 15/06/2022 |

WATER ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Reference Method |
|---------|--|-------|---------|------------------|
| 1. | pH | — | 5.86 | IS 3025 (P-11) |
| 2. | Temperature | °C | 27.6 | APHA 2550 B |
| 3. | Colour | Units | 36 | IS 3025 (P-4) |
| 4. | Total Suspended Solids | mg/l | 1425 | IS 3025 (P-17) |
| 5. | Oil & Grease | mg/l | 49 | IS 3025 (P-39) |
| 6. | Ammonical Nitrogen | mg/l | 36.8 | IS 3025 (P-34) |
| 7. | Biochemical Oxygen Demand (3 days at 27°C) | mg/l | 1024 | IS 3025 (P-44) |
| 8. | Chemical Oxygen Demand | mg/l | 3487 | IS 3025 (P-58) |
| 9. | Chlorides | mg/l | 3856 | IS 3025 (P-32) |
| 10. | Sulphates | mg/l | 2306 | IS 3025 (P-24) |
| 11. | Total Dissolved Solids | mg/l | 9914 | IS 3025 (P-16) |
| 12. | Percentage Sodium | % | 48.1 | IS 3025 (P-45) |
| 13. | Phenolic Compound | mg/l | 11.1 | IS 3025 (P-43) |
| 14. | Sulphides | mg/l | 7.2 | APHA 4500-S2 |
| 15. | Sodium Absorption ratio | -- | 38.4 | IS 11624 |

BDL - Below Detectable Limit.

 Analyzed By: 

 Authorized Signatory: 

- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained fill 15 Days from the date of sampling.



Report No: - EE/ENV/2022/06/058

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|--|-----------------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/ST2 |
| 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. | Location | Thermic Fluid Heater (Cap. 40 Lakh Kcal) + Thermic Fluid Heater (Cap. 20 Lakh Kcal) (Common Stack) + Thermic Fluid Heater (Cap. 8 Lakh Kcal) |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

FUEL STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|------------------------------------|--------------------|--------------|-------------------------|-------------------|
| | | | Common Stack | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 63.96 | 150 | IS 11255 : Part 1 |
| 2. | Sulphur dioxide (SO ₂) | ppm | 14.65 | 100 | IS 11255 : Part 2 |
| 3. | Oxides of Nitrogen (NOx) | ppm | 11.56 | 50 | IS 11255 : Part 7 |

Analyzed By:



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



Report No: - EE/ENV/2022/06/064

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/WW2 |
| 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 | Location | ETP Outlet |
| | | Quantity | 2 L |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | APHA 1060 |
| Analysis Completion On | 22/06/2022 | Sample Received Date | 15/06/2022 |

WATER ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | GPCB Limit. |
|---------|--|-------|---------|-------------|
| 1. | pH | --- | 6.87 | 6.5 - 8.5 |
| 2. | Temperature | °C | 27.5 | 40°C |
| 3. | Colour | Units | 3 | 100 |
| 4. | Total Suspended Solids | mg/l | 51 | 100 |
| 5. | Oil & Grease | mg/l | 0.5 | 10 |
| 6. | Ammonical Nitrogen | mg/l | 2.4 | 50 |
| 7. | Biochemical Oxygen Demand (3 days at 27°C) | mg/l | 16.2 | 30 |
| 8. | Chemical Oxygen Demand | mg/l | 57.4 | 100 |
| 9. | Chlorides | mg/l | 451 | 600 |
| 10. | Sulphates | mg/l | 375 | 1000 |
| 11. | Total Dissolved Solids | mg/l | 1254 | 2100 |
| 12. | Percentage Sodium | % | 32 | 60 |
| 13. | Phenolic Compound | mg/l | BDL | 01 |
| 14. | Sulphides | mg/l | BDL | 02 |
| 15. | Sodium Absorption ratio | - | 11.1 | 26 |

BDL - Below Detectable Limit.

 Analyzed By: 

 Authorized Signatory 

- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 Days from the date of sampling.



Report No. - EE/ENV/2022/06/060

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/PST1 |
| Address | Survey No.: 49, Location - 2 of Smart Industrial Port City (SIPC) of KPI (DPT) Ps-Kandla Marine Police Station, Tal. Gandhidham, Dist: Kutch - 370210 | Location | Acid Oil Plant Scrubber |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

PROCESS STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|-------------------------|--------------------|-------------------------|-------------------------|-------------------|
| | | | Acid Oil Plant Scrubber | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 22.56 | 50 | IS 11255 : Part 1 |
| 2. | Acid Mist | mg/Nm ³ | 05.69 | 50 | EPA method 8 |

Analyzed By:

Authorized Signatory



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





Report No. - EE/ENV/2022/06/089

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/ST3 |
| 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 | Location | D. G. Set (2000 KVA) |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

FUEL STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|---------------------------------------|--------------------|----------------------|-------------------------|-------------------|
| | | | D. G. Set (2000 KVA) | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 72.66 | 150 | IS 11255 : Part 1 |
| 2. | Sulphur dioxide (SO ₂) | ppm | 23.95 | 100 | IS 11255 : Part 2 |
| 3. | Oxides of Nitrogen (NO _x) | ppm | 17.86 | 50 | IS 11255 : Part 7 |

[Signature]
 Analyzed By:

[Signature]
 Authorized Signatory:



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

[Signature]


Report No: - EE/ENV/2022/06/057

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|--|----------------------|--|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/ST1 |
| Address | Survey No.: 49, Location - 2 of Smart Industrial Port City (SIPC) of KPT (DPT) P.S-Kandla Marine Police Station, Tal. Gandhidham, Dist: Kutch - 370210 | Location | AFBC Steam Boiler (Cap. 26 TPH) + AFBC Steam Boiler (Cap. 16 TPH) (Common Stack) |
| | | Sampling Instrument | Stack Monitoring Kit |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | Guidelines on methodologies for source emission monitoring LATS/80/2013-14 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 15/06/2022 |

FUEL STACK MONITORING ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Limit as per GPCB Norms | Reference Method |
|---------|---------------------------------------|--------------------|--------------|-------------------------|-------------------|
| | | | Common Stack | | |
| 1. | Particulate Matter (PM) | mg/Nm ³ | 56.63 | 150 | IS 11255 : Part 1 |
| 2. | Sulphur dioxide (SO ₂) | ppm | 14.26 | 100 | IS 11255 : Part 2 |
| 3. | Oxides of Nitrogen (NO _x) | ppm | 12.54 | 50 | IS 11255 : Part 7 |

Analyzed By:



Authorized Signatory



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



Report No: - EE/ENV/2022/06/066

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/WW4 |
| 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 | Location | STP Outlet |
| | | Quantity | 2 L |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | APHA 1060 |
| Analysis Completion On | 22/06/2022 | Sample Received Date | 15/06/2022 |

WATER ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | GPCB Limit. |
|---------|--|----------------|---------|------------------|
| 1. | pH | — | 7.03 | 6.5 - 9.0 |
| 2. | Biochemical Oxygen Demand (3 days at 27°C) | mg/l | 8.3 | 20 |
| 3. | Total Suspended Solids | mg/l | 13.5 | 100 |
| 4. | Fecal Coliform | Present/absent | Absent | <1000 MPN/100 ml |

BDL - Below Detectable Limit.

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 Analyzed By:


 Authorized Signatory:

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





Report No: - EE/ENV/2022/06/065

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/WW3 |
| 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 | Location | STP Inlet |
| | | Quantity | 2 L |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | APHA 1060 |
| Analysis Completion On | 22/06/2022 | Sample Received Date | 15/06/2022 |

WATER ANALYSIS RESULTS

| Sr. No. | Parameters | Unit | Results | Reference Method |
|---------|--|---------|---------|------------------|
| 1. | pH | --- | 6.32 | IS 3025 (P-11) |
| 2. | Biochemical Oxygen Demand (3 days at 27°C) | mg/l | 45.6 | IS 3025 (P-44) |
| 3. | Total Suspended Solids | mg/l | 74.2 | IS 3025 (P-17) |
| 4. | Fecal coliform MPN/100 | MPN/100 | 125 | APHA 9221 |

BDL - Below Detectable Limit.


 Analyzed By:


 Authorized Signatory:

- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 Days from the date of sampling.



Date: 22/06/2022

Report No: - EE/ENV/2022/06/067

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|----------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/DW1 |
| 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 | Location | Drinking Water |
| | | Quantity | 2 L |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | - |
| Analysis Completion On | 22/06/2022 | Sample Received Date | 15/06/2022 |

WATER ANALYSIS RESULTS

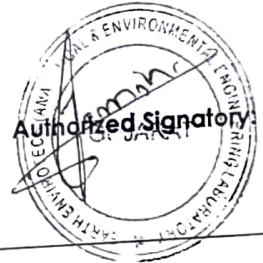
| Sr. No. | Parameter | Unit | Result | Desirable Limit IS-10500-2012 Max-limit |
|---------|---|---------|-----------|--|
| 1. | pH | -- | 7.69 | 6.5-8.5 |
| 2. | Odor | -- | Odorless | Unobjectionable |
| 3. | Color | Pt. Co. | Colorless | 05 |
| 4. | Taste | - | Agreeable | Agreeable |
| 5. | Turbidity | NTU | Nil | 05 |
| 6. | TDS | mg/l | 145 | 500 |
| 7. | Total Hardness (as CaCO ₃) | mg/l | 32 | 300 |
| 8. | Chloride | mg/l | 49 | 250 |
| 9. | Iron | mg/l | Nil | 0.3 |
| 10. | Residual Free Chlorine | mg/l | BDL | 0.2 |
| 11. | Calcium (as Ca) | mg/l | 17.4 | 75 |
| 12. | Magnesium | mg/l | 3.54 | 30 |
| 13. | Copper | mg/l | BDL | 0.05 |
| 14. | Manganese | mg/l | BDL | 0.10 |
| 15. | Sulphate | mg/l | 35 | 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 |



| Report No: - EE/ENV/2022/06/067 | | | | Date: 22/06/2022 |
|---------------------------------|-----------------------------------|------------|--------|------------------|
| 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 | 05 |
| 24. | Zinc | mg/l | BDL | 0.2 |
| 25. | Anionic Detergents | mg/l | ND | 0.05 |
| 26. | Chromium | mg/l | BDL | 0.01 |
| 27. | Mineral Oil | mg/l | ND | Absent |
| 28. | Pesticides | mg/l | Absent | 200 |
| 29. | Alkalinity | mg/l | 31.4 | 0.03 |
| 30. | Aluminum | mg/l | BDL | 01 |
| 31. | Boron | mg/l | BDL | |
| 32. | Polynuclear Aromatic Hydrocarbons | mg/l | ND | No Relaxation |
| 33. | Bacteriological Examination | | | |
| | Fecal Coliforms | Per 100 ml | Absent | Absent |
| | Total Coliforms | Per 100 ml | Absent | Absent |

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

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 Analyzed By:



- Analysis is subject to the condition in which the sample is received at our laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 Days from the date of sampling.



[Signature]

Report No: - EE/ENV/2022/06/054

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/AA2 |
| 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 | Location | Near Hydrogen Plant |
| Sampling Done By | Earth Envirotech Team | Quantity | N/A |
| Analysis Starts on | 16/06/2022 | Date of Sampling | 15/06/2022 |
| Analysis Completion On | 20/06/2022 | Sampling Method | IS 5182 (Part - 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| | | Sample Received Date | 16/06/2022 |

AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient Air Quality Standards (NAAQS) | Reference Method |
|---------|--------------------------------------|-------------------|---------------------|--|------------------------|
| | | | Near Hydrogen Plant | | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 44.25 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 22.39 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 15.86 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 19.58 | 80 | IS 5182 Part 6 : 2017 |

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Analyzed By:

Authorized Signatory:



- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.



Report No: - EE/ENV/2022/06/055

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/AA3 |
| 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 | Location | Near Packing Area |
| Sampling Done By | Earth Envirotech Team | Quantity | N/A |
| Analysis Starts on | 16/06/2022 | Date of Sampling | 15/06/2022 |
| Analysis Completion On | 20/06/2022 | Sampling Method | IS 5182 (Part - 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| | | Sample Received Date | 16/06/2022 |

AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient Air Quality Standards (NAAQS) | Reference Method |
|---------|--------------------------------------|-------------------|-------------------|--|------------------------|
| | | | Near Packing Area | | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 46.56 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 20.45 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 12.25 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 16.78 | 80 | IS 5182 Part 6 : 2017 |

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Analyzed By:



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



Report No: - EE/ENV/2022/06/056

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|-------------------------------|---|-----------------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/AA4 |
| 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 | Location | Near Store Area |
| Sampling Done By | Earth Envirotech Team | Quantity | N/A |
| Analysis Starts on | 16/06/2022 | Date of Sampling | 15/06/2022 |
| Analysis Completion On | 20/06/2022 | Sampling Method | IS 5182 (Part - 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| | | Sample Received Date | 16/06/2022 |

AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient Air Quality Standards (NAAQS) | Reference Method |
|---------|--------------------------------------|-------------------|-----------------|--|------------------------|
| | | | Near Store Area | | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 44.54 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 18.25 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 12.89 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 15.45 | 80 | IS 5182 Part 6 : 2017 |

Analyzed By:



- Analysis is subject to the condition in which the sample is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.





Report No: - EE/ENV/2022/06/061

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------------------|---|----------------------------|---------------------------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/N1-N10 |
| 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 | Location | As per table |
| | | Quantity | NA |
| | | Date of Measurement | 15/06/2022 |
| Measurement Done By | Earth Envirotech Team | Sampling Instrument | Sound Level Meter (HTC/SL-1350) |
| Measurement Completion Date | 16/06/2022 | | |

NOISE MONITORING RESULTS

| Sr. No. | Location Name | Units | Day Time |
|-----------------------|---------------------------|-----------|---------------------------------|
| | | | Spot Noise Level dB (A) Maximum |
| Standard Limit | | dB | 75 |
| 1. | Near Security Main Gate | dB | 65.1 |
| 2. | Near Ware House Road Area | dB | 69.8 |
| 3. | Near Packing Area | dB | 72.2 |
| 4. | Near Store Area | dB | 67.7 |
| 5. | Near Crusher plant Area | dB | 72.9 |
| 6. | Near 16 Ton Boiler Area | dB | 71.7 |
| 7. | Near ETP Area | dB | 73.8 |
| 8. | Near D. G. Set Area | dB | 72.6 |
| 9. | Near WTP Area | dB | 68.7 |
| 10. | Near Tanker Loading Area | dB | 72.4 |

 Analyzed By: 


- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 Days from the date of sampling.



ANALYSIS REPORT

(For the month of June - 2022)

| Client Details | | Sample Details | |
|-----------------------------|---|---------------------|------------------------------|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/L1-L10 |
| 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 | Location | As per table |
| | | Quantity | NA |
| | | Date of Measurement | 15/06/2022 |
| Measurement Done By | Earth Envirotech Team | Sampling Instrument | Lux Meter (LX-101 A) |
| Measurement Completion Date | 15/06/2022 | Sampling Method | Lutron - LX-101 Inst. Manual |

LUX MONITORING RESULTS

| Sr. No. | Location Name | In Lux |
|---------|-------------------------|--------|
| 1. | Near Security Main Gate | 358 |
| 2. | Near Hydrogen Plant | 315 |
| 3. | Near Packing Area | 340 |
| 4. | Near Store Area | 420 |
| 5. | Near Refinery Area | 453 |
| 6. | Near 26 Ton Boiler Area | 275 |
| 7. | Near ETP Area | 388 |
| 8. | Near D. G. Set Area | 369 |
| 9. | Near WTP Area | 325 |
| 10. | Near Tank Farm Area | 345 |

 Analyzed By: 


- Analysis is subject to the condition in which the sample is received at our laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one 15 days from the date of sampling.





Report No: - EE/ENV/2022/06/053

Date: 22/06/2022

ANALYSIS REPORT

(For the Month of June - 2022)

| Client Details | | Sample Details | |
|------------------------|---|----------------------|---|
| Name | M/s. Emami Agrotech Limited. | Sample Code | EAL/AA1 |
| 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 | Location | Near Security Main Gate |
| | | Quantity | N/A |
| Sampling Done By | Earth Envirotech Team | Date of Sampling | 15/06/2022 |
| Analysis Starts on | 16/06/2022 | Sampling Method | IS 5182 (Part - 5): 2020 Gaseous pollutants IS 5182 Part 23:2017- PM10 CPCB manual volume I-PM 2.5 |
| Analysis Completion On | 20/06/2022 | Sample Received Date | 16/06/2022 |

AMBIENT AIR MONITORING RESULTS

| Sr. No. | Parameters | Unit | Results | National Ambient Air Quality Standards (NAAQS) | Reference Method |
|---------|--------------------------------------|-------------------|-------------------------|--|------------------------|
| | | | Near Security Main Gate | | |
| 1. | Particulate Matter PM ₁₀ | µg/m ³ | 45.32 | 100 | IS 5182 Part 23 : 2017 |
| 2. | Particulate Matter PM _{2.5} | µg/m ³ | 20.25 | 60 | CPCB manual Volume I |
| 3. | Sulphur Dioxide (SO ₂) | µg/m ³ | 14.63 | 80 | IS 5182 Part 2 : 2017 |
| 4. | Nitrogen Dioxide (NO ₂) | µg/m ³ | 18.05 | 80 | IS 5182 Part 6 : 2017 |



Analyzed By:



- Analysis is subject to the condition in which the sample is received at our laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained 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 the 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:

| Product | 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 |
| Acid Oil- By Product | 900 |
| Vanaspati Fatty Acid | 200 |
| Spent Acid | 600 |

 3. **Particular of sampling**

Date of Sampling: 15/06/2022

| | |
|------------|-------------|
| ISSUE DATE | 22/06/2022 |
| REF. NO | EAL/F37/068 |

| Sr. No. | Location/ Operation Mentioned | Identified Contaminant | Sampling instrument used | Air borne Contamination | | | TWA concentration (As given in second schedule) | Reference method | No of workers Exposed at the location being monitored | Remarks | Sig. | Name of person taking sample |
|---------|-------------------------------|------------------------|--------------------------|-------------------------|-------|---------|---|------------------|---|---------|---|------------------------------|
| | | | | Number of Sample | Range | Average | Mg/m ³ | | | | | |
| 1 | Near Process Area | Total Dust | RDS | 01 | 5-6 | 5.2 | 10 | Gravimetric | 04 | --- |  | Mr. Amit Kachhadiya |
| 2 | Near Packing Area | | | 01 | 5-6 | 5.6 | 10 | | 05 | --- | | |

For Earth Envirotech

Authorized Signatory





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

Date: 08.07.2022

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

Sub. : Submission of Compliance report of consent and authorization

Ref.: 1. Vide CCA Order No. AWH-115551, Date of Issue 28/10/2021 is valid up to 09/08/2026.

Respected Sir,

We are pleased to enclose herewith Submitted CCA Compliance to GPCB duly filled 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

head office: 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

Gujarat Pollution Control Board

Emami Agrotech Limited
[Login: 06/07/2022 11:35:47 AM]

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72346 - Emami Agrotech Limited

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|-----------|------|--|----------|------|------------|--------|--------|------------|
| .j. | APC | Air Pollution Control Measures-Details | AIR | APC | 14/08/2019 | 1 | 4 | 609 |
| .0. | 000 | Any Specific Information Called for [in SCRUTINY] | GEN | 000 | 21/10/2021 | 1 | 341 | 93462 |
| .n. | ACA | Adequacy Certi from Env. Auditor [ONLY NOC] | GEN | ACA | 14/08/2019 | 1 | 12 | 2746 |
| .b. | DIR | List of Directors / Partners | GEN | DIR | 28/06/2019 | 1 | 1 | 151 |
| .dip | LPD | Land Possession Documents | GEN | LPD | 03/07/2019 | 1 | 4 | 1693 |
| .pli. | PLI | PLI Policy | GEN | PLI | 16/07/2021 | 1 | 2 | 20 |
| .a. | PLL | Plan Layout + Site Plan | GEN | PLL | 21/10/2020 | 1 | 4 | 4933 |
| .i. | SSI | SSI-EM-C.A Certi / Investment Proofs | GEN | SSI | 23/05/2022 | 1 | 5 | 3415 |
| .g. | MFG | Details of Mfg Processes & Diagrams | PRD | MFG | 23/05/2022 | 1 | 9 | 1499 |
| cer | CER | Compliances for Reconsideration of Rejected-NOC | PRV | CER | 18/09/2019 | 1 | 33 | 1852 |
| .u. | CMP | Compliance of earlier CCAs - (ONLY Renewal cases) | PRV | CMP | 15/06/2022 | 1 | 37 | 11533 |
| 2015-2016 | ANN | Annual Return : Form 4 | RET | ANN | 29/04/2022 | 1 | 0 | 0 |
| 2014 | EAR | Env. Audit Compliance/Auditor Recommendations.3Pgs | RET | EAR | 28/06/2019 | 1 | 0 | 0 |
| 2015-2016 | ENV | Environment Statement , Form-V | RET | ENV | 29/04/2022 | 1 | 0 | 0 |
| .c. | ETP | ETP Details+Diagram | WAT | ETP | 30/10/2020 | 1 | 36 | 982 |
| gwa | GWA | Certificate-Central Ground Water Authority | WAT | GWA | 28/07/2021 | 1 | 5 | 1549 |
| .d. | MEM | Member of CETP / TSDF ? Certificate | WAT | MEM | 13/06/2022 | 1 | 8 | 877 |

Extra Document If Require By ROH :-

Name of Documents :

Upload Pdf :

Remarks :





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phone: +91 9537838555 e-mail: works.kandla@emamiagrotech.com, website: www.emamiagrotech.in

COMPLIANCE REPORT OF CONSENT AND AUTHORISATION

(Consent Order NO.: AWH-115551, Date of Issue: 28-10-2021 is valid up to 09-08-2026)

| Sr. No. | Consent Condition | Compliance | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|---|---------|--------------------|----|------------------|-----------|----|------------------|-----------|----|-----------|----------|----|-----------------|----------|----|-----------------|--------|----|----------------------|--------|----|----------------------|--------|----|------------|--------|--|
| 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 treated effluent and emission due to operation of industrial plant for manufacturing of the following items/ 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>66,500 MT</td></tr><tr><td>2.</td><td>Refined Sola Oil</td><td>35,000 MT</td></tr><tr><td>3.</td><td>Vanaspati</td><td>5,800 MT</td></tr><tr><td>4.</td><td>Palm Fatty Acid</td><td>3,500 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 | 66,500 MT | 2. | Refined Sola Oil | 35,000 MT | 3. | Vanaspati | 5,800 MT | 4. | Palm Fatty Acid | 3,500 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 only manufacturing the products as per listed in this consent.</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 | 66,500 MT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Refined Sola Oil | 35,000 MT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Vanaspati | 5,800 MT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | Palm Fatty Acid | 3,500 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Subject to specific condition: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Industry shall not carry out any activities which attract provision of EIA notification 2016 and its amendment. | Complied with this. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Industry shall install & operate conveyance pipeline (4.81 KM) only after CRZ Clearance from competent authority. | Complied. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | |





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| | | |
|-----|--|---|
| 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 with this. |
| 9. | Industry shall not withdrawal ground water without prior NOC of CGWA as per order of Hon. National Green Tribunal. | Complied with this. We are no using ground water our Source of water is Narmada Line (GWIL). |
| 10. | <p>Industry shall obtain registration with approved EPR action plan as per Plastic Waste Management Rules-2016 & comply with following conditions:</p> <ul style="list-style-type: none">a. 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.b. 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.c. 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.d. Purchase plastic raw material only from manufactures industry having valid registration under plastic rules, maintain its record and submit its report with quarterly compliance. <p>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.</p> | We do meet the condition. |
| 3. | CONDITONS UNDER THE WATER ACT | |
| 3.1 | Water Source:- DPT & GWIL | Noted. |
| 3.2 | The quantity of the fresh water consumption for industrial purpose shall not exceed 2616 KL/Day (Fresh: 1666 KLD + Recycle: 950 KLD). | We assure that our water consumption is not exceeding the consent limit (2616 KLD). |



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CIN : U24233WB2002PLC094530





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| 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 & recused. | Complied with this. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|--|-------------------|----|------------|-------------|-------|--------------------------------|-----------|------------------------|----------|----------------|---------|--------------------|---------|---------------------|---------|-----|----------|-----------|----------|-----------|-----------|------------------------|-----------|----------------|-----|--------------------|--------|-----------|----------|-------------------------|----|--|
| 3.4 | The quantity of the fresh water consumption for domestic purpose shall not exceed 30 KL/Day | We assure that domestic water consumption is within the limit. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | Complied. Waste water generation from manufacturing process and other ancillary operation is not exceeding than 440 KLPD. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.6 | The quantity of domestic waste water (sewage) shall not exceed 20 KL/Day. | Complied, Sewage generation from unit is not exceed Domestic WWG not exceed than the 20 KLD. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.7 | <p>Industry shall operate Effluent Treatment Plant (ETP) adequately so that treated industrial effluent shall comply with following norms:</p> <table border="1"> <thead> <tr> <th>PARAMETRRS</th> <th>PRESCRIBED LIMITS</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>6.5 to 8.5</td> </tr> <tr> <td>Temperature</td> <td>40 °C</td> </tr> <tr> <td>Colour (Pt.CO. scale) in units</td> <td>100 units</td> </tr> <tr> <td>Total 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°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 Compounds</td> <td>1 mg/L</td> </tr> <tr> <td>Sulphides</td> <td>5.0 mg/L</td> </tr> <tr> <td>Sodium Absorption Ratio</td> <td>26</td> </tr> </tbody> </table> | PARAMETRRS | PRESCRIBED LIMITS | pH | 6.5 to 8.5 | Temperature | 40 °C | Colour (Pt.CO. scale) in units | 100 units | Total Suspended Solids | 100 mg/L | Oil and Grease | 10 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 | Total dissolved solids | 2100 mg/L | Percent Sodium | 60% | Phenolic Compounds | 1 mg/L | Sulphides | 5.0 mg/L | Sodium Absorption Ratio | 26 | Complied. Treated industrial effluent quality is complied with norms. |
| PARAMETRRS | PRESCRIBED LIMITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH | 6.5 to 8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Temperature | 40 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Colour (Pt.CO. scale) in units | 100 units | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Suspended Solids | 100 mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oil and Grease | 10 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total dissolved solids | 2100 mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Percent Sodium | 60% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phenolic Compounds | 1 mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sulphides | 5.0 mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sodium Absorption Ratio | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





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| 3.8 | Industrial effluent after confirming to above norms shall be partially (410 KLD) subjected to (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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|---|---------------|-------------------|------|------------|------------------------------------|-----------------------------|------------------|------------|----------------|-----------------------------|---------------|------------|----|----------------------------------|---------------|----------|----|----------------------------------|---------------|----------|----|---------------------------------|---------------|----------|----|---------------------|--------|---------------|
| 3.9 | Industry shall provide flow meter at inlet & outlet to all RO system ERS, outlet of ETP, reuse line for RO permeate & MEE condensate & maintain its records. | Complied. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.10 | Industry shall operate Sewage Treatment Plant (STP) adequately so that treated domestic effluent shall comply with following norms: | Complied. Treated domestic effluent comply with norms | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>PARAMETERS</th> <th>PERMISSIBLE LIMIT</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>6.5 to 9.0</td> </tr> <tr> <td>BOD (3 days at 27^oC)</td> <td>20 mg/L</td> </tr> <tr> <td>Suspended Solids</td> <td>100 mg/L</td> </tr> <tr> <td>Fecal Coliform</td> <td><1000 MPN/100 ml</td> </tr> </tbody> </table> | | PARAMETERS | PERMISSIBLE LIMIT | pH | 6.5 to 9.0 | BOD (3 days at 27 ^o C) | 20 mg/L | Suspended Solids | 100 mg/L | Fecal Coliform | <1000 MPN/100 ml | | | | | | | | | | | | | | | | | | |
| PARAMETERS | PERMISSIBLE LIMIT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH | 6.5 to 9.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOD (3 days at 27 ^o C) | 20 mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Suspended Solids | 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | Complied with this. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | <u>CONDITIONS UNDER THE AIR ACT 1981:</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1 | The following shall be used as a fuel in Boiler, Thermic Fluid Heaters & D.G. Set respectively: | Complied. We are only using consented fuel. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Utility</th> <th>Fuel</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>AFBC Steam Boilers (26 TPH)</td> <td>Imported Coal</td> <td>7.5 MT/hr.</td> </tr> <tr> <td>2.</td> <td>AFBC Steam Boilers (16 TPH)</td> <td>Imported Coal</td> <td>4.5 MT/hr.</td> </tr> <tr> <td>3.</td> <td>Thermic Fluid Heater (40 L Kcal)</td> <td>Imported Coal</td> <td>6 MT/hr.</td> </tr> <tr> <td>4.</td> <td>Thermic Fluid Heater (20 L Kcal)</td> <td>Imported Coal</td> <td>4 MT/hr.</td> </tr> <tr> <td>5.</td> <td>Thermic Fluid Heater (8 L Kcal)</td> <td>Imported Coal</td> <td>2 MT/hr.</td> </tr> <tr> <td>6.</td> <td>D. G. Set (2000KVA)</td> <td>Diesel</td> <td>450 liter/hr.</td> </tr> </tbody> </table> | | Sr. No. | Utility | Fuel | Quantity | 1. | AFBC Steam Boilers (26 TPH) | Imported Coal | 7.5 MT/hr. | 2. | AFBC Steam Boilers (16 TPH) | Imported Coal | 4.5 MT/hr. | 3. | Thermic Fluid Heater (40 L Kcal) | Imported Coal | 6 MT/hr. | 4. | Thermic Fluid Heater (20 L Kcal) | Imported Coal | 4 MT/hr. | 5. | Thermic Fluid Heater (8 L Kcal) | Imported Coal | 2 MT/hr. | 6. | D. G. Set (2000KVA) | Diesel | 450 liter/hr. |
| Sr. No. | Utility | | Fuel | Quantity | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. | AFBC Steam Boilers (26 TPH) | | Imported Coal | 7.5 MT/hr. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. | AFBC Steam Boilers (16 TPH) | | Imported Coal | 4.5 MT/hr. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Thermic Fluid Heater (40 L Kcal) | | Imported Coal | 6 MT/hr. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | Thermic Fluid Heater (20 L Kcal) | | Imported Coal | 4 MT/hr. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | Thermic Fluid Heater (8 L Kcal) | Imported Coal | 2 MT/hr. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | D. G. Set (2000KVA) | Diesel | 450 liter/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 stack 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 Lakh Kcal, 20 Lakh Kcal and 8 Lakh Kcal). Please note and mention the common stack for all three Thermic Fluid heaters. We are operating the APCM adequately and efficiently as per consent and meets the GPCB norms. | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th data-bbox="86 683 172 795">Sr. No.</th> <th data-bbox="172 683 454 795">Stack attached to</th> <th data-bbox="454 683 580 795">Stack height (m)</th> <th data-bbox="580 683 744 795">APCM</th> <th data-bbox="744 683 893 795">Parameter</th> <th data-bbox="893 683 1066 795">Permissible limit</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 795 172 862">1.</td> <td data-bbox="172 795 454 862">Thermic Fluid Heater (Cap: 40 Lakh Kcal)</td> <td data-bbox="454 795 580 996" rowspan="3">30 Meter Common Stack</td> <td data-bbox="580 795 744 996" rowspan="3">Bag Filter, Water Scrubber</td> <td data-bbox="744 795 893 996" rowspan="6">PM SO₂ NO_x</td> <td data-bbox="893 795 1066 996" rowspan="6">150 mg/Nm³ 100 ppm 50 ppm</td> </tr> <tr> <td data-bbox="86 862 172 929">2.</td> <td data-bbox="172 862 454 929">Thermic Fluid Heater (Cap: 20 Lakh Kcal)</td> </tr> <tr> <td data-bbox="86 929 172 996">3.</td> <td data-bbox="172 929 454 996">Thermic Fluid Heater (Cap: 08 Lakh Kcal)</td> </tr> <tr> <td data-bbox="86 996 172 1108">4.</td> <td data-bbox="172 996 454 1108">D. G. Set (2000 KVA)</td> <td data-bbox="454 996 580 1108">15</td> <td data-bbox="580 996 744 1108">Adequate Stack height</td> </tr> <tr> <td data-bbox="86 1108 172 1176">5.</td> <td data-bbox="172 1108 454 1176">AFBC Steam Boiler (Cap: 26 TPH)</td> <td data-bbox="454 1108 580 1243" rowspan="2">60</td> <td data-bbox="580 1108 744 1243" rowspan="2">Water Scrubber, ESP</td> </tr> <tr> <td data-bbox="86 1176 172 1243">6.</td> <td data-bbox="172 1176 454 1243">AFBC Steam Boiler (Cap: 16 TPH)</td> </tr> </tbody> </table> | Sr. No. | Stack attached to | Stack height (m) | APCM | Parameter | | Permissible limit | 1. | Thermic Fluid Heater (Cap: 40 Lakh Kcal) | 30 Meter Common Stack | Bag Filter, Water Scrubber | PM SO ₂ NO _x | 150 mg/Nm ³ 100 ppm 50 ppm | 2. | Thermic Fluid Heater (Cap: 20 Lakh Kcal) | 3. | Thermic Fluid Heater (Cap: 08 Lakh Kcal) | 4. | D. G. Set (2000 KVA) | 15 | Adequate Stack height | 5. | AFBC Steam Boiler (Cap: 26 TPH) | 60 | Water Scrubber, ESP | 6. | AFBC Steam Boiler (Cap: 16 TPH) |
| Sr. No. | Stack attached to | Stack height (m) | APCM | Parameter | Permissible limit | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Thermic Fluid Heater (Cap: 40 Lakh Kcal) | 30 Meter Common Stack | Bag Filter, Water Scrubber | PM SO ₂ NO _x | 150 mg/Nm ³ 100 ppm 50 ppm | | | | | | | | | | | | | | | | | | | | | | |
| 2. | Thermic Fluid Heater (Cap: 20 Lakh Kcal) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. | Thermic Fluid Heater (Cap: 08 Lakh Kcal) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. | D. G. Set (2000 KVA) | 15 | Adequate Stack height | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. | AFBC Steam Boiler (Cap: 26 TPH) | 60 | Water Scrubber, ESP | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | AFBC Steam Boiler (Cap: 16 TPH) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.4 | The process emission through stack attached to Acid oil plant scrubber shall conform to the following standard | | | | | Complied, Process gas emission within plant has been confirmed the board norms and followed the norms. | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th data-bbox="86 1310 172 1422">Sr. No.</th> <th data-bbox="172 1310 454 1422">Stack attached to</th> <th data-bbox="454 1310 580 1422">Stack height (m)</th> <th data-bbox="580 1310 744 1422">APCM</th> <th data-bbox="744 1310 893 1422">Parameter</th> <th data-bbox="893 1310 1066 1422">Permissible limit</th> </tr> </thead> <tbody> <tr> <td data-bbox="86 1422 172 1489">1.</td> <td data-bbox="172 1422 454 1489">Acid oil plant scrubber</td> <td data-bbox="454 1422 580 1489">15</td> <td data-bbox="580 1422 744 1489">Water Scrubber</td> <td data-bbox="744 1422 893 1489">Acid Mist PM</td> <td data-bbox="893 1422 1066 1489">50 mg/Nm³ 50 mg/Nm³</td> </tr> </tbody> </table> | Sr. No. | Stack attached to | Stack height (m) | APCM | Parameter | | Permissible limit | 1. | Acid oil plant scrubber | 15 | Water Scrubber | Acid Mist PM | 50 mg/Nm ³ 50 mg/Nm ³ | | | | | | | | | | | | | | |
| Sr. No. | Stack attached to | Stack height (m) | APCM | Parameter | Permissible limit | | | | | | | | | | | | | | | | | | | | | | |
| 1. | Acid oil plant scrubber | 15 | Water Scrubber | Acid Mist PM | 50 mg/Nm ³ 50 mg/Nm ³ | | | | | | | | | | | | | | | | | | | | | | |
| 4.5 | The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source (other than the stack/vent) shall not exceed the following levels. | | | | | Complied, Ambient air quality within plant premises will be confirmed to the prescribed norms. | | | | | | | | | | | | | | | | | | | | | |





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

| Sr. No. | Pollutant | Permissible Limit Annual (Microgram/NM ³) | Permissible limit 24 Hours Average (Microgram/NM ³) | |
|---------|---|---|---|--|
| 1. | Sulphur Dioxide (SO ₂) | 50 | 80 | |
| 2. | Nitrogen Dioxide (NO ₂) | 40 | 80 | |
| 3. | Particulate Matter (size less than 10 micron) or PM ₁₀ | 60 | 100 | |
| 4. | Particulate Matter (size less than 2.5 micron) or PM _{2.5} | 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. We have provided the adequate stack height and stack monitoring facilities to each stack. |
| 4.7 | The Industry shall take adequate measures for control noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m. | | | Complied. Noise standards within the plant premises are confirming the prescribed norms. Noise monitoring is been carried out by NABL accredited Authorized agency. |
| 4.8 | <u>D.G. Sets Conditions</u> The D.G. Set. shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-I of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981. D.G Set standards: - The flue gas emission through stack attached to D.G Set shall conform to the following standards. a) The minimum height of stack to be provided with each of 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 which the generator set is installed. | | | We do meet the condition. |





- b) Noise from D. G. Set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- c) The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss for meeting the ambient noise standards, whichever is on the higher side. The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
- d) The D. G. Set shall provide with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- e) All efforts shall be made to bring down the noise level due to D. G. Set, outside the premises, within the ambient noise requirements by proper siting and control measures.
- f) Installation of a D. G. Sets must be strictly in compliance with the recommendations of the D. G. Set manufacturer.

A proper routine and preventive maintenance procedure for the D. G. Set manufacture which would help prevent noise levels of the D. G. Set from deteriorating with use.

5. AUTHORIZATION as per HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY) RULES, 2016 Form-2 [See rule 6 (2)]

5.1 Authorization order No:-AWH- 115551 date of issue: 28/10/2021. Noted and Agreed

M/s. Emami Agrotech Limited, is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at -49, Location-2 of Smart industrial Port City (SIPC) of KPT (DPT), I)s-Kandla Marine Police Station, Tal: Anjar, Dist.: Kutch.

| Sr. No. | Waste | Quantity per Annum | Schedule/ Category | Facility |
|---------|---|--------------------|--------------------|--|
| 1. | Used or Spent Oil | 4 MT | I-5.1 | Collection, storage, Transportation & disposed by Registered recycler. |
| 2. | Chemical Sludge from waste water treatment (ETP Sludge) | 120 MT | I-34.3 | Collection, storage, Transportation & disposed off To TSDF site. |
| 3. | Discarded Containers/ | 2 MT | I-33.1 | Collection, storage, e disposal by selling to |

Complied.
We have provided adequate storage area for the hazardous waste and disposed it is as per norms.





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| | Barrels Drum/ Bags/ | | | Authorized decontaminator. | |
|-----|--|---------|--------|---|---|
| 4. | Spent Nickel Catalyst | 3.6 MT | I-17.2 | Collection, storage, & disposal by selling to Authorized recycler. | |
| 5. | Spent Ion Exchange Resin containing toxic metal | 1 MT | I-35.2 | Collection, storage, transportation & disposed at Common CHWIF. | |
| 6. | Contaminated Cotton Rags or other cleaning material | 1 MT | I-33.2 | Collection, storage, Transportation & disposed at common CHWIF. | |
| 7. | Evaporating salt | 1560 MT | I-35.3 | Collection, storage, transportation & disposed off to TSDF site. | |
| 5.3 | The authorization shall be valid up to 09/08/2026. | | | | Shall be complied |
| 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. | | | | Shall be 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. | | | | Shall be complied during operation phase. |
| 5.6 | TERMS AND CONDITIONS OF AUTHORISATION: | | | | |
| 1. | The applicant shall comply with the provisions of the Environment (Protection) Act-1986 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 and agreed. |
| 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. |





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| | | |
|-----|---|---|
| 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 impacts and also carry out mock drill in this regard at regular interval of time; | Complied. We have prepared the Emergency Response Plan (ERP) and Disaster Management plan 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 shall be Complied. |
| 8. | An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous and Other Waste Rules , 2016. | Noted and agreed. |
| 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. | Complied with this. |
| 16. | In case of any accident, details of the same shall be submitted on Form-11 to Gujarat Pollution Control Board | Complied with this. |
| 17. | As per "Public Liability insurance Act-91" company shall get insurance Policy, if applicable. | We do meet the condition. |
| 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 Control Board regularly | Complied. |





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| | | |
|-----|--|--|
| 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. | Complied. |
| 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 condition. |
| 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. | Shall be complied. |
| 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 condition. |
| 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. | Will be complied during the operation. |
| 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 |
| 5.5 | Unit shall comply provisions of E-Waste Management Rules-2016. | Complied |
| 5.6 | The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy. | Shall be complied |
| 5.7 | 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 |
| 5.8 | The occupier shall maintain the records of generation, sale, storage, transport, recycling, co processing and disposal of hazardous waste and make available during the inspection. | Complied. |



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CIN : U24233WB2002PLC094530



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| | | |
|-----|---|------------------------------|
| 6.9 | The transportation of the hazardous waste shall be carried out in GPS mounted dedicated vehicles. | Complied. |
| 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 and will be complied |
| 7.2 | Applicant shall also comply with the general conditions given in annexure I. | We do meet the condition. |
| 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 Falconries and local body. | We do meet the condition. |
| 7.4 | In case of failure of pollution control equipment, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented Immediately to bring entire situation normal. | We do meet the condition. |
| 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 environmental statements. | Noted and shall be complied. |
| 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. | Noted and Agreed. |
| 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 and 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 and 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 14 th October 2003. | Shall be complied. |





GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

BY R.P.A.D.

"Consent to Establish-Amendment"

(CTE-110282)

No. PC/CCA-KUTCH-1665/GPCB ID-72346 /

Date:

To,

M/s. Emami Agrotech Limited,
Plot No. 49, Location-2,
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 no. **181234** received dated **22/09/2020**.

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 for **installation of AFBC steam boilers (26 TPH & 16 TPH) in place of existing (40 TPH) steam boiler in existing plant located at S. No: 49, Location-2, Ps-Kandla Marine Police Station, Tal: Gandhidham, Dist: Kutch with following conditions:**

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:

1. The validity of this order will be up to i.e. 09/11/2025.
2. 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.
3. Industry shall not carry out any activity which attracts provisions of EIA Notification & its amendment.
4. There shall be no change in existing products & its capacity granted vide CTE order no. CTE-104841 dated 03/12/2019, due to CTE -Amendment.
5. No ground water shall be withdrawal without prior permission from CGWA as per Hon'ble NGT order.
6. Unit shall obtain fresh water from valid source have permission of the competent authority.
7. The applicant shall comply with Manufacturing, Storage and Import of Hazardous Chemicals (MSHIC) Rules-1989 and amended from time to time.
8. Industry shall manage Solid Wastes generated from industrial activities as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
9. Industry shall comply with coal handling guideline of this Board.
10. Industry shall provide dedicated storage facility for fly ash.
11. Industry shall dispose of fly ash only as per fly ash notification & maintain its record.

Page 1 of 6

Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation



3. CONDITIONS UNDER WATER ACT 1974:

- 3.1 Water Source: - DPT & GWIL/ private tankers.
- 3.2 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.
- 3.3 There shall be no change in total water consumption due to expansion. Fresh water consumption shall be decrease from 2506 KLD to 1696 KLD, due to increase in reuse of effluent after treatment from 140 KLD to 950 KLD.
- 3.4 The quantity of industrial waste water shall be increase from 160 KLD to 440 KLD.
- 3.5 Industry shall operate Effluent Treatment Plant (ETP) adequately so that treated industrial effluent shall comply with following norms:

| PARAMETERS | PRESCRIBED LIMITS |
|--------------------------------|-------------------|
| pH | 6.5 to 8.5 |
| Temperature | 40°C |
| Colour (Pt.Co. scale) in units | 100 units |
| Total Suspended Solids | 100 mg/L |
| Oil and Grease | 10 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 |
| Total dissolved solids | 2100 mg/L |
| Percent Sodium | 60 % |
| Phenolic Compounds | 1 mg/L |
| Sulphides | 5.0 mg/L |
| Sodium Absorption Ratio | 26 |

- 3.6 Industrial effluent after necessary treatment partially (410 KLD) subjected to (Effluent Recovery System) ERS followed by RO system, while remaining (30 KLD) conform to above norms shall be discharge on land for gardening & plantation.
- 3.7 Industry shall provide flow meter at inlet & outlet to all RO system ERS, outlet of ETP, reuse line for permeate & condensate & maintain its records.
- 3.8 Industry shall operate Sewage Treatment Plant (STP) adequately so that treated domestic effluent shall comply with following norms:

| PARAMETERS | PERMISSIBLE LIMIT |
|------------------------|-------------------|
| pH | 6.5 to 9.0 |
| BOD (3 days at 27° C) | 20 mg/L |
| Suspended Solids | 100 mg/L |
| Fecal Coliform | <1000 MPN/100 ml |

- 3.9 Treated domestic effluent conforming to above standard shall be discharged on land for gardening & plantation within premises.

(Handwritten signature)



Outward No: 574367



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

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- 3.10 Industry shall provide fixed pipeline network with flow meter for even distribution of treated effluent & domestic effluent for gardening & plantation and maintain its record.
- 3.11 Disposal system for storm water shall be provided separately, in no circumstances storm water shall be mixed with the industrial effluent in any case.

4. CONDITIONS UNDER AIR ACT 1981:

4.1 The following shall be used as fuel in the Steam Boilers, TFHs & D.G. Set respectively;

| Sr. No. | Utility | Fuel | Quantity | | |
|---------|--|---------------|------------|-----------|------------|
| | | | Existing | Proposed | Total |
| 1. | AFBC Steam Boilers (26 TPH) (Propose) | Imported Coal | -- | 7.5 MT/hr | 7.5 MT/hr |
| 2. | AFBC Steam Boilers (16 TPH) (Propose) | Imported Coal | -- | 4.5 MT/hr | 4.5 MT/hr |
| 3. | Thermic Fluid Heater (40 L Kcal) | Imported Coal | 6 MT/hr | -- | 6 MT/hr |
| 4. | Thermic Fluid Heater (20 L Kcal) | Imported Coal | 4 MT/hr | -- | 4 MT/hr |
| 5. | Thermic Fluid Heater (8 L Kcal) | Imported Coal | 2 MT/hr | -- | 2 MT/hr |
| 6. | D.G. Set (2000 KVA) | Diesel | 450 ltr/hr | -- | 450 ltr/hr |

- 4.2 The applicant shall install air pollution control system in order to achieve gas emission norms.
- 4.3 The flue emission through stack attached to Steam Boilers, TFHs & D.G. Set shall conform to the following standards:

| Sr. No | Stack attached to | Stack height in Meters | APCM | Parameter | Permissible limit |
|-----------------|---------------------------------------|------------------------|----------------------------|--|---|
| Existing | | | | | |
| 1. | AFBC Steam Boiler (Cap:40 TPH) | To be Removed | | | |
| 2. | Thermic Fluid Heater (Cap: 40 L Kcal) | Common Stack 30 Meter | Bag filter, Water Scrubber | PM SO ₂ NO _x | 150 mg/Nm ³ 100 ppm 50 ppm |
| 3. | Thermic Fluid Heater (Cap: 20 L Kcal) | | | | |
| 4. | Thermic Fluid Heater (Cap: 8 L Kcal) | | | | |
| 5. | D.G. Set (2000 KVA) | 15 | Adequate Stack height | | |



| Sr. No | Stack attached to | Stack height in Meters | APCM | Parameter | Permissible limit |
|------------|--------------------------------|------------------------|---------------------|-----------------|------------------------|
| New | | | | | |
| 6. | AFBC Steam Boiler (Cap:26 TPH) | 60 | Water Scrubber, ESP | PM | 150 mg/Nm ³ |
| 7. | AFBC Steam Boiler (Cap:16 TPH) | | | SO ₂ | 100 ppm |
| | | | | NOx | 50 ppm |

4.4 There shall no change in existing process emission & nos. of stacks due to CTE- Amendment.

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

4.4 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.

4.5 The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the sources (other than the stack/vent) shall not exceed the following levels.

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

4.6 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.

4.7 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-I of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981.





GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar-382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

D.G. Sets standards:-

The flue gas emission through stack attached to D.G. Sets shall conform to the following standards.

- 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 which the generator set is installed.
- Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- 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.
- The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- 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 easures.
- Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
- 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.

5. CONDITIONS UNDER HAZARDOUS WASTE RULES:

- The applicant shall have to comply with provisions of Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
- The applicant shall obtain membership of common TSDF site for disposal of Hazardous waste as categorized in Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
- The applicant shall obtain membership of common Hazardous Waste incinerator for disposal of incinerable waste.
- The applicant shall provide temporary storage facilities for each type of Hazardous Waste as per Hazardous and other Waste (Management and Trans Boundary Movement) Rules 2016.
- The applicant shall obtain registration/authorization for recycling/reprocessing any hazardous waste before procuring material/starting production as per HW Rules 2016.
- The applicant shall obtain authorization for recovery/reuses of any hazardous waste material as per HW Rules 2016.

Be



Page 5 of 6

Clean Gujarat Green Gujarat

ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation

Outward No: 5446/2016

6. GENERAL CONDITION:

- 6.1 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 03 meters' width is developed.
- 6.2 The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
- 6.3 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.
- 6.4 The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
- 6.5 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
Between 6 A.M. and 10 P.M.: 75 dB (A)
Between 10 P.M. and 6 A.M.: 70 dB (A)
- 6.6 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
- 6.7 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property, in that case, they are obliged to pay the compensation as determined by the competent authority.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD



(Smt U.K. Upadhyay)
Environment Engineer



Outward No: 574367, 05/12/2020



0/0
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/2022/04

Date: 14/04/2022

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

Kind Attn.: Mrs. U. K. Upadhyay (Sr. Environment Engineer)

Sub: Annual Returns in Form - 4 of Hazardous Waste for the period of April-2021 to March-2022.

Dear 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-2022 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



14/04/22
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010



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/2022/04

Date: 14/04/2022

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

Kind Attn.: Mrs. U. K. Upadhyay (Sr. Environment Engineer)

Sub: Annual Returns in Form - 4 of Hazardous Waste for the period of **April-2021 to March-2022**.

Dear 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-2022 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


FORM-4

Financial Year: 2021-2022

(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 EHS), 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 |
|----|--|---|----------------|

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: 14/04/2022

Designation:

Ass. Manager EHS



ANNEXURE – 1

LIST OF PRODUCTS AS PER CONSOLIDATED CONSENT 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 | Vanaspatti | 5800 |
| 07 | Vanaspatti Fatty Acid | 200 |
| 08 | Spent Earth | 600 |

MONTHLY PRODUCTION DETAILS

| Month | PRODUCTION | | | | | | | |
|--------|------------------|------------------|------------|-----------------|-----------------|----------|-----------------------|-------------|
| | Refined Palm Oil | Refined Soya Oil | Vanaspatti | Palm Fatty Acid | Soya Fatty Acid | Acid Oil | Vanaspatti Fatty Acid | Spent Earth |
| | QUANTITY IN MT | | | | | | | |
| Apr-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| May-21 | 10823 | 2328 | 0.00 | 634 | 3.0 | 40.0 | 0.00 | 101 |
| Jun-21 | 13633 | 0.00 | 0.00 | 623 | 0.00 | 0.00 | 0.00 | 130 |
| Jul-21 | 25256 | 6345 | 718 | 1283 | 4 | 40 | 6 | 205 |
| Aug-21 | 15655 | 8809 | 674 | 768 | 11 | 89 | 9 | 275 |
| Sep-21 | 15631 | 7003 | 0 | 785 | 11 | 144 | 0 | 402 |
| Oct-21 | 12291 | 5508 | 307 | 684 | 14 | 118 | 4 | 216 |
| Nov-21 | 14917 | 6844 | 362 | 797 | 12 | 104 | 3 | 309 |
| Dec-21 | 8923 | 5085 | 389 | 508 | 5 | 77 | 4 | 132 |
| Jan-22 | 13797 | 7242 | 351 | 754 | 10 | 113 | 2 | 255 |
| Feb-22 | 8255 | 7902 | 171 | 451 | 12 | 101 | 1 | 206 |
| Mar-22 | 16111 | 6312 | 491 | 993 | 15 | 89 | 4 | 233 |



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-2021 TO MARCH-2022)

| CAT. No. | Type of Solid / Hazardous Waste | Quantity | | | |
|----------|---|--|---------------------------------------|-------------------------------------|---|
| | | Previous Year Balance Stock till 31 st March 2021 | Generation (April 2021 to March 2022) | Disposal (April 2021 to March 2022) | Balance Stock as on dated 31 st March 2022 |
| I-5.1 | Used Or Spent Oil | NA | 0.42 MT | NIL | 0.42 MT |
| I-35.3 | Chemical Sludge From Waste Water treatment (ETP Sludge) | NA | 39.79 MT | NIL | 39.79 MT |
| I-33.11 | Discarded Drum/Containers/ Bags/Barrels | NA | 1.495 MT | NIL | 1.495 MT |
| I-17.2 | Spent Nickel Catalyst | NA | 0.12 MT | NIL | 0.12 MT |
| I-35.2 | Spent Ion Exchange Resin Containing Toxic Metal | NA | 0.026 MT | NIL | 0.026 MT |
| I-33.2 | Contaminated Cotton Rags Or Other Cleaning Material | NA | 0.435 MT | NIL | 0.435 MT |
| I-35.3 | Evaporating Salt | NA | 16.212 MT | NIL | 16.212 MT |



 EMVI AGROTECH LIMITED
 Kandla



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/2022/04

Date: 14/04/2022

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

K. A.: The Member Secretary

Sub. : Submission of Environmental Statement Form V for the year ending on 31st March, 2022.

Respected Sir,

We are pleased to enclose herewith Environmental Statement Form-V duly filled in, for the financial year ending on 31st March, 2022.

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

ENVIRONMENTAL STATEMENT REPORT FOR YEAR 2021-2022

M/s. Emami Agrotech Limited,

S

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 : **28/06/2019**

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 (2020-2021) | During the current financial year (2021-2022) |
| | (1) | (2) |
| 1. Refined Palm Oil | | |
| 2. Refined Soya Oil | | |
| 3. Vanaspati | | |
| 4. Palm Fatty Acid | | |
| 5. Soya Fatty Acid | NA | 0.0135 KL/MT |
| 6. Acid Oil - By Product | | |
| 7. Vanaspati Fatty Acid | | |
| 8. Spent Earth | | |

(ii) Raw material consumption

| Name of raw material consume | Name of Products | During the previous financial year (2020-2021) | During the current financial year (2021-2022) |
|------------------------------|------------------|--|---|
| 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. | NO PERCENTAGE VARIATION |
| | DOMESTIC - 20 KL/DAY | As Per GPCB Norms. | NO PERCENTAGE VARIATION |
| (b) Air | | | |
| THERMIC FLUID HEATER CAPACITY : 40 LAKH Kcal | --- | PM \leq 150 mg/Nm ³ SO ₂ \leq 100 ppm NO _x \leq 50 ppm | NO PERCENTAGE VARIATION |
| THERMIC FLUID HEATER CAPACITY : 20 LAKH Kcal | | | |
| THERMIC FLUID HEATER CAPACITY : 08 LAKH Kcal | | | |
| D.G. SET (2000 KVA) | --- | PM \leq 150 mg/Nm ³ SO ₂ \leq 100 ppm NO _x \leq 50 ppm | NO PERCENTAGE VARIATION |
| AFBC STEAM BOILER (CAPACITY : 26 TPH) | | | |
| AFBC STEAM BOILER (CAPACITY : 16 TPH) | | | |
| ACID OIL PLANT SCRUBBER | --- | Acid Mist PM | 50 mg/Nm ³ 50 mg/Nm ³ |

PART - D

HAZARDOUS WASTES

| Hazardous Wastes | Total Quantity (kg) | |
|---|--|---|
| | During the previous financial year (2020-2021) | During the current financial year (2021-2022) |
| (a) From process | NA | NA |
| (b) From pollution control facility | | |
| Used Or Spent Oil | NA | 0.42 MT |
| Chemical Sludge From Waste Water treatment (ETP Sludge) | NA | 39.79 MT |
| Discarded Drum/Containers/ Bags/Barrels | NA | 1.495 MT |
| Spent Nickel Catalyst | NA | 0.12 MT |
| Spent Ion Exchange Resin Containing | NA | 0.026 MT |



| | | |
|---|----|-----------|
| Toxic Metal | | |
| Contaminated Cotton Rags Or Other Cleaning Material | NA | 0.435 MT |
| Evaporating Salt | NA | 16.212 MT |

PART - E

SOLID WASTES

| Solid Wastes | Total Quantity (kg) | |
|--|--|---|
| | During the previous financial year (2020-2021) | During the current financial year (2021-2022) |
| (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 SEPL 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 & CAP. 08 LAKH Kcal) WITH BAG FILTER & WATER SCURBBBER AS AN AIR POLLUTION CONTROL SYSTEM, ANOTHER COMMON STACK IS ATTCHED 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 ARE SENT TO GPCB APPROVED REGISTERED RECYCLERS.

CHEMICAL SLUDGE FROM WASTE WATERTREATMENT (ETP SLUDGE) ARE SENT TO SEPL FOR SECURE LAND FILLING.

NO SIGNIFICANT IMPACT ON NATURAL RESOURCES.

PART - H

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



WE HAVE INSTALL EFFLUENT TREATMENT PLANT ANS SEWAGE TREATMENT PLANT FOR THE EFFLUENT AND SEWAGE TREATMENT. ALSO WE HAVE UPGRADED OUR AIR POLLUTION CONTROL SYSTEM AS REQUIRED.

PART - I

Any other particulars for improving the quality of the environment

ADEQUATE PLANTATION IS CARRIED OUT ALONG THE PERIPHERY OF THE INDUSTRIAL PREMISES.

Prepared By


(Suresh Kochhar)


Date: 14/04/2022

For

M/s. Emami Agrotech Limited,



(Authorized Signatory)

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-2021 TO MARCH-2022 | | | | | | | | | |
|----------|--|-------------------------|-----------------|---------|-------------|-----------------|------------------|------|--------------------------------|-------------|
| | Crude Palm Oil | Crude Degummed Soya Oil | Phosphoric Acid | Caustic | Citric Acid | Bleaching Earth | Sodium Methoxide | HCL | H ₂ SO ₄ | Common Salt |
| April-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| May-21 | 11457 | 2293 | 8.6 | 1.223 | 0.00 | 6.730 | 0.00 | 0.00 | 0.00 | 0.00 |
| June-21 | 14256 | 0.00 | 8.990 | 0.00 | 0.00 | 7.070 | 0.00 | 0.00 | 0.00 | 0.00 |
| July-21 | 26539 | 6345 | 20.71 | 2.926 | 0.00 | 16.310 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aug-21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sept-21 | 16499 | 6987 | 15 | 21 | 1 | 117 | 30 | 2810 | 65 | 0.00 |
| Oct-21 | 13042 | 5444 | 48 | 18 | 1 | 94 | 430 | 2075 | 43 | 0.00 |
| Nov-21 | 15791 | 6997 | 17 | 19 | 261 | 136 | 1041 | 1445 | 38 | 0.00 |
| Dec-21 | 9430 | 5187 | 12 | 9 | 0 | 63 | 1380 | 1355 | 32 | 0.00 |
| Jan-22 | 14622 | 7873 | 15 | 12 | 0 | 149 | 0.00 | 0.00 | 24 | 0.00 |
| Feb-22 | 8741 | 7541 | 10 | 13 | 0 | 117 | 0.00 | 0.00 | 32 | 0.00 |
| March-22 | 17125 | 6132 | 15 | 13 | 994 | 175 | 749 | 0.00 | 31 | 0.00 |



OK



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/2022/04

Date: 14/04/2022

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

K. A.: The Member Secretary

Sub. : Submission of Environmental Statement Form V for the year ending on 31st March, 2022.

Respected Sir,

We are pleased enclose herewith Environmental Statement Form-V duly filled in, for the financial year ending on 31st March, 2022.

We hope you find the above in order.

Thanking you and Regards.

Yours sincerely,

For,

M/s Emami Agrotech Limited,


Authorized Signatory

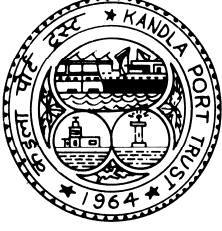

Encl.: Environmental Statement - Form-V,

Annexure-A Detail of Product & Raw Material Consumption


8/06/22
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010

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 | <p>DEENDAYAL PORT TRUST</p> <p>(CRZ Recommendation 13th to 16th CB issued by the GCZMA)</p> <p>(Total 1000 ha.)</p> | <p>20 Hectares – 2005-06 Satsida Bet, Kandla, by GUIDE, Bhuj</p> <p>50 Hectares – 2008-09 Nakti Creek, Kandla by Patel Construction</p> <p>100 Hectares – 2010-11 Nakti Creek ,Kandla by GEC. (Board 29/1/2010)</p> <p>200 Hectares – 2011-12 by Forest Department, GoG at Satsaida Bet</p> <p>300 Hectares – 2012-13 by Forest Department, GoG at Satsaida Bet</p> <p>330 Hectares – 2013-14 by Forest Department, GoG at Satsaida Bet</p> <p>TOTAL 1000 HA.</p> | <p>Rs. 8.8 lakhs</p> <p>Rs. 27.4 lakhs</p> <p>Rs.24.5 lakhs</p> <p>Rs. 66.5 lakhs</p> <p>Rs. 157.5 lakhs (total 630 hectares)</p> |
| 2 | <p>Creation of Berthing & allied Facilities off- tekra near Tuna (Outside Kandla Creek) – EC & CRZ Clearance.</p> <p>(Total 500 ha. – 250Ha. by DPT & 250 ha by Adani (concessionaire))</p> <p>MOU signed with GEC during Vibrant Gujarat Summit 2015 for 300 Ha.</p> | <p>300 Hectares – 2015-17 by GEC at Kantiyajal, Bharuch District</p> | <p>Rs. 90.0 lakhs</p> |
| 3. | <p>EC & CRZ Clearance dated 19/12/2016 for Developing 7 integrated facilities (Condition 100 Ha)</p> | <p>100 Ha. –2018- 20 by GEC</p> | <p>Rs. 45 lakhs</p> |
| <p>TOTAL MANGROVE Plantation till date by DPT 1400 Ha. – Total 419.7 lakhs</p> | | | |

(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 :- cmedpt@gmail.com
cme@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, Udhyog 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

CSR Activities at Decendayal Part Time

Details of CSR

| Sr. No | Year | Board Resolution For Budget Provision | Board Approved Budget Provision | Board Resolution for approval of the CSR activities | Board Approved Amount For CSR Activities | Actual exp. upto Nov'20 (Rs. In Lakhs) | Net balance (Rs. In Lakhs) | Remarks |
|--------|-----------|---------------------------------------|---------------------------------|---|--|---|----------------------------|-------------------------|
| | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 6-7 | |
| 1 | 2011-2012 | 369 of 28.03.2012 | 3.00 Cr | | | | | |
| 2 | 2012-2013 | 17 of 31.05.2012 | 4.00 Cr | | | | | |
| 3 | 2013-2014 | 99 of 30.09.2013 | 6.43 Cr | 64 of 30.08.2012 | 564.00 Lakh | 564.00 | Nil | Works completed |
| 4 | 2014-2015 | 322 of 21.11.2014 | 1.07 Cr | 20 of 16.04.2015 | 236.22 Lakh | 188.18 | 8.04 | Works in progress |
| 5 | 2015-2016 | 151 of 12.02.2016 | 1.50 Cr | 48 of 12.08.2016 | 28.00 Lakh | 5.00 | 23.00 | Works in progress |
| 6 | 2016-2017 | 138 of 06.01.2017 | 2.60 Cr | 52 of 2.8.2017 | 140.301 lakh | 146.00 | -5.70 | Works completed |
| 7 | 2017-2018 | 41 of 2.08.2017 | 7.02 Cr | 15 of 04.05.2018 | 155.10 Lakh | 115.37 | 39.73 | Works in progress |
| 8 | 2018-19 | 51 of 07.08.2019 | 6.70 Cr | 111 of 4.12.2018 | 154.90 Lakh | 50.50 | 104.40 | Works in progress |
| | | | | | 1278.52 Lakh | 1069.05 | 209.47 | |
| 9 | 2019-20 | 58 of 10.10.2019 | 5.49 Cr | 92 of 06.12.2019 | 1838.57 Lakh | Nil | | MoS approval is awarded |
| | | Total | 37.81 Cr | | 3117.09 Lakh | | | |
| | | | | | | Spent in PM Fund for COVID-19-800 Lakhs | | |

Year-wise details of CSR works undertaken by DPT during 2012 – 13 to 2019 – 20 are given in Tables 7.3a, 7.3b, 7.3c, 7.3d, 7.3e, 7.3f and 7.3g.

Table 7.3a: CSR Works Undertaken by DPT during 2011-12 and 2012 – 13

| Sl. No. | Name of Work | Cost (Rs. In lakhs) |
|---------|--|---------------------|
| 1 | Repair of road from Dr. Baba Saheb Ambedkar Circle to NH 8A (via Ganesh Nagar) | 518 |
| 2 | Repair of road from S.T. Bus Stand to Sunderpuri Cross Road via Collector Road | |
| 3 | Repair of road from NH 8A Railway Crossing to Maninagar (along railway track) | |
| 4 | Repair of road from Khanna Market Road (Collector Road) to Green Palace Hotel | |
| 5 | Construction of internal roads at "Shri Ram" Harijan Co-operative Housing Society (near Kidana) | |
| 6 | Construction of cremation ground and graveyard with other facilities at Vadinar | 19.44 |
| 7 | Providing cement concrete internal roads in Village Vadinar Stage - I | 16.16 |
| 8 | Approach road provided for developing tourism at Village Veera near Harsidhi Mata Temple | 4.65 |
| 9 | Water tank along with R.O. provided near developing tourism area | 0.30 |
| 10 | Creating facilities of flooring and steps surrounding lake to stop soil erosion and attract tourists at Village Veera. | 4.80 |
| | TOTAL | 563.35 |

Table 7.3b: CSR Works Undertaken by DPT during 2014-15

| Sl. No. | Name of Work | Cost (Rs. In lakhs) |
|---------|---|---------------------|
| 1 | Construction of community hall – cum – school at Maheshwari Nagar, Gandhidham | 51.90 |
| 2 | Renovation of "Muktidham" (cremation ground) at Kandla | 10.65 |
| 3 | Sunderpuri – 1 Valmiki Community Hall | 5.00 |
| 4 | Sunderpuri – 2 Valmiki Community Hall | 5.00 |
| 5 | Ganeshnagar Community Hall | 10.00 |
| 6 | Jagjivan Maheshwari Community Hall | 10.00 |
| 7 | Various works of road at Sapnanagar | 99.19 |
| 8 | Construction of compound wall in the dam of Jogninar Village | 14.48 |
| | TOTAL | 206.22 |

Table 7.3c: CSR Works Undertaken by DPT during 2015-16

| Sl. No. | Name of Work | Cost (Rs. In lakhs) |
|---------|---|---------------------|
| 1 | Construction of Bus Stand at Vadinar Village | 10.00 |
| 2 | Providing drainage system at Vadinar Village | 6.00 |
| 3 | Providing and laying of water supply lines in Vadinar Village | 6.00 |
| 4 | Road from Gandhidham Post Office to Merchantile Marine Department Office along with toilet facilities | 60.00 |
| 5 | Construction of toilets for girls / women at Khari Rohar, Village | 3.00 |
| 6 | Construction of toilets for girls at Mathak Primary School, Mathak, Village | 3.00 |
| | TOTAL | 88.00 |

Table 7.3d: CSR Works Approved by DPT Board for 2016-17

| Sl. No. | Name of Work | Cost (Rs. In lakhs) |
|---------|---|---------------------|
| 1 | RCC community hall at Harsidhi Mata Temple, Village Veera, Anjar Taluka | 19.00 |
| 2 | Fabricated Community Hall at Sanghad Village, Anjar Taluka | 21.00 |
| 3 | CSR Works for Shri Maheshwari Meghvad Samaj, Gandhidham at graveyard behind Redison Hotel | 8.00 |
| 4 | CSR Works for Shri Dhanraj Matiyadev Mukti Dham, Sector 14, Rotary Nagar, Gandhidham | 30.50 |
| 5 | CSR Works for Nirvasit Harijan Co-operative Housing Society, Gandhidham Health Cum Education Centre | 41.00 |
| 6 | CSR Works for Shri Rotary Nagar Primary School, Gandhidham | 2.80 |
| 7 | CSR Works at NU-4, NU-10(B) Sapnanagar & Saktinagar, Golden Jubilee Park at Gandhidham | 18.00 |
| | TOTAL | 140.30 |

Table 7.3e: CSR Works Approved for 2017-18

| Sl. No. | Name of Work | Proposal Received from / / Name of Organization / N.G.O | Cost (Rs. In lakhs) |
|---------|---|--|--|
| 1 | CSR Works at Shri Ganesh Nagar High School, Gandhidham | Principal, Shri Ganesh Nagar Govt High School, Gandhidham | 38.30 Lakhs |
| 2 | CSR Works for MOLANA AZAD Primary School, Kandla | Shri M L Bellani, Trustee, DPT, Shri Kandla Port Education Society, New Kandla | 7.00 Lakhs |
| 3 | Grant financial contribution for facility of Army Cantonment for 50 nos. air coolers at Kutch Border Area | Shri Vinod L Chavda, MP | 15 Lakhs |
| 4 | 40% of the estimated cost of providing drainage lines at Tuna and Vandi villages under Swachh Bharat Abhiyan. | Shri Sarpanch, Tuna Village & Vandi village & Shri M L Bellani, Trustee, DPT | Rs. 39.80 Lakhs <i>Approx. estimated Cost Rs.99.50 Lakhs, of which 40% to be contributed by DPT.</i> |
| 5 | CSR works for S.H.N. Academy English School (managed by Indian Inst. Of Sindhology – Bharati Sindhu Vidyapeeth), Adipur | Director, S.H.N Academy English School | 40 Lakhs |
| 6 | Construction of internal roads at Bhaktinagar Society, Kidana | Smt Maltiben Maheshwari, MLA | 15 Lakh |
| | | TOTAL | 155.10 |

Table 7.3f: CSR Works Approved for 2018-19

| Sl. No. | Name of Work | Proposal Received from / / Name of Organization / N.G.O | Cost (Rs. In lakhs) |
|---------|--|---|---------------------|
| 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 | Chairman, Atharva Foundation, Mumbai | 24.00 |
| 2 | CSR work to Donate ONE (40 Seater) School Bus for Deaf Children Students for the Institute of Mata Lachmi Rotary Society, Adipur | Mata Lachmi Rotary Society, Adipur | 18.00 |
| 3 | CSR work to Providing One R.O Plant with Cooler at PanchyatPrathmikSala, Gadpadar Village for the ANARDE Foundation, Kandla&Gandhidham Center. | Dist. Rural Development Officer, Annarde Foundation-Kandla & Gandhidham | 1.50 |
| 4 | CSR work for Providing Drainage Line at MeghparBorichi village, AnjarTaluka | Shri Vasambhai Ahir, MLA, Gujarat Govt | 25.00 |
| 5 | CSR work for Construction of Health Centre at Kidana Village | Shri Vinod L Chavda, MP | 13.00 |
| 6 | CSR work to provide 4 Nos. of Big Dust Bin for MithiRoharJuth Gram Panchayat. | Shri Sarpanch, Mithi RoharJuth Gram Panchayat | 3.40 |

| Sl. No. | Name of Work | Proposal Received from // Name of Organization / N.G.O | Cost (Rs. In lakhs) |
|--------------|--|---|---------------------|
| 7 | CSR work for Renovation & construction of shed at CharanSamaj, Gandhidham –Adipur. | Shri Vinod L Chavda, MP | 10.00 |
| 8 | CSR Work for Renovation/Repairing of Ceiling of School Building at A. P Vidhyalay, Kandla. | Smt Maltiben K. Maheshwary, MP, Gandhidham. | 10.00 |
| 9 | CSR work for Construction of Over Head Tank & Providing 10 Nos of Computers (for students) of NavjivanViklangSevashray, Bhachau, Kutch | Shri Jitendra Joshi, Founder Secretary, Shri Navjivan Viklang Sevashray, Bhachau, Kutch | 9.50 |
| 10 | CSR work to Provide Books & Tuition fees for Educational facilities to weaker section children of ValmikiSamaj, Kutch. | Shri Manohar Jala, Chairman of "National Commission of Safai Karamcharis" | 2.00 |
| 11 | CSR work to provide Water Purifier & Cooler for the ST. Joseph's Hospital, Gandhidham | Smt. Maltiben K Mahewari, MLA, Gandhidham | 1.50 |
| 12 | CSR work for Construction of Second Floor (Phase – I) for Training Centre of "GarbhSanskran Kendra" "Samarth Bharat Abhiyan" of Kutch Kalyan Sangh, Gandhidham | Shri Vinod L Chavda, MP, Kutch | 37.00 |
| TOTAL | | | 154.90 |

Table 7.3g: CSR works approved for the year 2019-20 (approval from Ministry of Shipping still awaited)

| Sl. No. | Name of Work | Proposal Received from // Name of Organization / N.G.O | Cost (Rs. In lakhs) |
|--------------|---|---|---------------------|
| 1 | CSR activities for Providing Drainage line at Nani Nagalpar village. | Sarpanch of Village:-Nani Nagalpar, Taluk: Anjar. | 3.00 |
| 2 | CSR activities for Development of ANGANWADI Building at School no- 12 at Ward no 3 & 6 at Anjar. | Shri Vasanhbai Ahir, MLA | 7.00 |
| 3 | CSR activities for Improving the facilities of Garden at Sapna Nagar(NU-4)& (NU-10 B),Gandhidham. | Shri K P Maheshwari, Resident Sapnanagar, Gandhidham | 18.00 |
| 4 | CSR activities for Providing of Plastic Shredding Machine to Mirror Charitable Trust, Gandhidham. | Mirror Charitable Trust, Gandhidham | 4.75 |
| 5 | CSR activities for development of School premises of Shri Guru Nanak Edu. Society, Gim. | Shri Guru Nanak Education Society, Gandhidham. | 30.00 |
| 6 | CSR activities for the improvement of the facilities at St. Joseph Hospital & Shantisadan at Gandhidham | St. Joseph Hospital Trust, Gandhidham | 20.00 |
| 7 | CSR activities for the improvement of the facilities at SVP (SardarValabhbhai Patel) Multipurpose Hall at Gandhidham | Request from MarwadiYuva Munch & UNION Gandhidham | 500.00 |
| 8 | Consideration of Expenditure for running of St Ann's High School at Vadinar of last 5 years 2014 to 2019 under CSR. | Proposal from COM, OOT Vadinar, DPT | 825.00 |
| 9 | CSR activities for development of school premises of Shri Adipur Group Kanya Sala no-1 at Adipur | Principal, Shri Adipur Group KanyaSala, Adipur | 6.50 |
| 10 | CSR activities for development of school premises of Shri Jagjivan Nagar Panchyat Prathmiksala, Gandhidham. | Principal, Shri Jagjivan Nagar Panchyat Prathmiksala, Gandhidham. | 16.50 |
| 11 | CSR activities for development of school premises of Ganeshnagar Government high school, Gandhidham. | Shri Vinod L Chavda, MP, Kutch | 9.00 |
| 12 | CSR activities for improving greenery, increase carbon sequestration and beat Pollution at Kandla, DPT reg. | Work awarded to Forest Department, Bhuj | 352.32 |
| 13 | CSR activities for providing infrastructures facilities at "Bhiratna Sarmas Kanya Chhatralaya" under the Trust of Samaj Nav- Nirman at Mirjapur highway, Ta Bhuj. | SamajNav- Nirman at Mirjapur highway, Ta Bhuj. | 46.50 |
| TOTAL | | | 1838.57 |

List of CSR applications received from various NGOs , Organizations , Village Sharpnchs etc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|---|---|---|
| 1 | CSR activities for the development of gardening at Sector -5 , Gim | Shri Sarvodaya Co-Operative Housing Society Ltd | <p>Appx Cost – Rs 25.00 Lakhs</p> <p>Cost for – Comp wall, Benches, Plantation, walkway, other facilities</p> <p>(Land is reserved for Garden development only since from 50 years)</p> |
| 2 | CSR activities for providing various facilities in SHRI GANESHNAGAR GOVT HIGHSCHOOL, GANDHIDHAM | Principal of School | <p>Appx cost –Rs 20.00 Lakhs</p> <p>(Two times CSR works carried out at school by DPT)</p> |
| 3 | CSR activities for the VadhiyarVankarSamajvaadi, NaviSunderpuriGim | SmtMaltiben K Maheswari, MLA | <p>Appx Cost Rs 6.00 Lakhs</p> <p>Cost for Const. of Comp Wall</p> |
| 4 | CSR activities for Construction work of Cabin at Oslo Area- Gim | SmtMaltiben & Shri VinadChavda | Cost not mentioned. |
| 5 | CSR activities & Land requirement for Akhil Kutch SamastaMeghvanshiGurjarmeghwal Charitable Trust ,Gim. | Shri Akhil Kutch SamastaMeghvanshiGurjarmeghwal Charitable Trust. Shri Dharmendra R Gohil | <p>Cost Not mentioned.</p> <p>(demand of Land for development of SAMAJ VADI in Gandhidham)</p> |
| 6 | CSR Activities for providing Water supply pipe line, Play ground and sports equipment, electric facilities, drinking water facilities for poor people & Fishermen at VANDI Village. | Shri R RKhambhra, PRO , Collector Office, Bhuj. | <p>Appx Cost Rs 51.00 Lakhs</p> <p>(Last year also applied by village Sarpanch) &</p> <p>Recommended by Shri VASANBHAI AHIR, MLA, Shri V L Chavda, MP)</p> |
| 7 | CSR activities for the Tuna village, | Sarpanch, Tuna village | <p>Appx Cost Rs. 25 Lakhs</p> <p>Cost for :-</p> |

List of CSR applications received from various NGOs , Organizations , Village Sharpnchs etc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|---|---|--|
| | Ta -Gim | | 2 No Fab shed 20'x20'x1250= 10 Lakh 2 Nos of Agnawadi =10 Lakh Fab shed for school=5 Lakh |
| 8 | CSR activities for the Global Vision India Foundation, Gim | Global vision India Foundation, G'dham | Requirement of Land –OR- Old building at Gandhidham for foundation of welfare activities. |
| 9 | CSR activities for the UNITED ORPHANAGE FOR THE DISABLED, TAMIL NADU | UNITED ORPHANAGE FOR THE DISABLED, TAMIL NADU | Cost Rs 25,000.00 (Winter sweaters for children) |
| 10 | CSR activities for the Garden Development on already bounded area with Compound wall near Plot no 448 Sector-1/A, Gandhidham. | Residents, near Plot no 448, Sector-1/A, Gim. | AppxCost Rs 20.00 Lakhs (Requirement to provide benches, drinking water facility, plantation, lightings & walkways in side bounded area) |
| 11 | CSR activities for donation of Land for the Shri SUNDARPUI Govt Primary School, Gim | SmtMalti ben Maheshwari, MLA | (request for Land Requirement) |
| 12 | CSR activities for Extension of Adarsh Primary School building, Adipur | GandhidhamMatri Mandal, English Medium School, Adipur | Appx Cost Rs. 40.00 Lakhs (Construction for 4 Rooms extension) (Trust registered under Societies Registration Act XXI -1860, Reg No F-42 dtd 23.9.1965. Land belong to Trust) |
| 13 | CSR Activities for providing HD projector for KANYA MAHA VIDYALAYA, Adipur | Principal, KANYA MAHA VIDYALAYA, Adipur | Cost Rs 1.50 Lakhs (School Managed by G'dhamMaitry Mandal, Adipur) |

List of CSR applications received from various NGOs , Organizations , Village Sharpnchs etc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|--|---|--|
| 14 | CSR activities for DONATION various Medical Equipment for the Hospital of Gandhidham Jain SevaSamiti, Adipur | Gandhidham Jain SevaSamiti, Adipur | Cost for :- 1) Fresenius Haemodialysis Machine Rs 38.00 Lakh 2) Maltislice Helical CT Scanner- Rs 52.00 Lakhs 3) Others Rs 54.00 Lakhs (Total Appx Cost Rs 144 Lakhs) |
| 15 | CSR activities for SHRI VIDI JUTH GRAM PANCHAYAT, Vidi, Anjar | Sarpanch, Vidi Gram | Appx Cost Rs 30.00 Lakhs Cost for- Drainage , Garbage vehicle, and Cattle shed (Already applied earlier at Sr-5/12) |
| 16 | CSR activities for SOS CHILDRESN'S VILLAGES INDIA, Madhapar, Bhuj | Director, SOS Children's Village of India-Bhuj | Appx Cost Rs 31.00 Lakhs (request for Financial support towards parentless and abandoned Children Education support located at Bhuj) & support to women working in SOS. |
| 17 | Gujarat Biodiversity Board, Gandhinagar invites to involved National & Global endeavour of conservation of biodiversity by creating financial partnership with GBB under CSR programme of expenditure to be incurred 187 Lakh. | GUJARAT BIODIVERSITY BOAD, GANDHINAGAR | Requirement- Financial Support from DPT for AppxRs 1.88 Cr. (Cost for various meetings, collection of primary data from villagers , processing of documentation, printing , TA DA of Technical support & Miscexp for 150 Peoples Biodiversity Register (PBR). |

List of CSR applications received from various NGOs , Organizations , Village Sharpnchs etc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|--|---|--|
| 18 | CSR activities for providing furniture & Home appliances for ROJAVANAM TRUST at Madurai. | Shri Arul Kannan, Director | Appx Cost Rs 30 Lakhs (seeking help to provide facilities to Aged & Homeless people living in Trust and Purchasing of New Ambulance) |
| 19 | CSR activities for providing Dialysis Machine for treatment of Kidney patients at "ST JOSEPH'S HOSPITAL TRUST" at Gandhidham. | Sr. Franciline, Administrator of Hospital. | Appx Cost Rs 31.36 Lakhs (Cost of 5 Nos of Dialysis Machines for treatment of kidney patients) |
| 20 | CSR activities for providing facilities in Girls Hostel of Gasturba Gandhi BalikaVidhyalay, Gandhidham. | Shri Vinod L Chavda, MP | Appx cost Rs 30 Lakhs. (Cost of Comp Wall, Entrance gate, Girls toilets etc) |
| 21 | CSR works for providing Oxygen Generator Plant and 45 KV Silent Generator for COVID HOSPITAL at Swami LilashahKutia, Adipur. | Secretary, BHARAT VIKAS PARISHAD, Gandhidham | Appx Cost Rs 80.00 Lakhs (Facilities for 100 Beds of COVID patient which it to be extend upto 240 Beds) |
| 22 | CSR works for providing Two Numbers of Oxygen Concentrator and others medical equipment for the Trust ,Antarjal, Gim. | President SHRI SARV JEEV KALYAN TRUST, ANTARJAL, Gandhidham | Appx Cost Rs21.50 Lakhs (Facilities to be provided for the treatment of CORONA PATIENTS at their trust.) |
| 23 | CSR works for providing Fabricated Shed , Construction of Compound Wall and Land levelling for the Cattle of GauSevaSamiti-Tappar at Gram-Tappar, Ta Anjar. | Shri Vinod Chavda, MP & Presedent , GauSevaSamiti, village Tappar, Ta-Anjar | Appx Cost Rs84 Lakhs (Facilities to be provided for Cattle shelters at Village.) (Land belongs to Gram-panchayat) |
| 24 | CSR works for Construction of Auditorium Hall at RSETI (Rural Self Employment Training Institute) at | Shri Vinod Chavda, MP & Director of RSETI, Bhuj | Cost not mentioned. (Facilities to be provided |

List of CSR applications received from various NGOs , Organizations , Village Sharpnchs etc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|---|---|---|
| | Bhujodi-Bhuj. | | for the people needs Self-employment activities.) |
| 25 | CSR works for Providing of Furniture for the School “SHRI GALPADAR PANCHAYAT PRATHMIC KUMAR GROUP SALA “ atGalpadar Village Ta Gim. | Principal, SHRI GALPADAR PANCHAYAT PRATHMIC KUMAR GROUP SALA “ atGalpadar Village Ta Gim. | Cost not mentioned. (Facilities to be provided for the Students of Workers & poor village people who study in the school.) |
| 26 | Construction of Shed, hall and Gate for the DADA Bhagwandas Charitable Trust, Adipur. (Sr no -4) | Shri Vinod Chavda, MP & DADA BHAGWANDAS CharitableTrust, Gandhidham | <u>As per CSR Guideline-</u> <ul style="list-style-type: none"> ➤ Promoting gender equality and empowering women ➤ Eradicating extreme hunger and poverty (Considered shed and hall) Fab Shelter Shed - 30’x100’ x 1250=37.00 Lakh & RCC Hall – 20’x100’x1500=30.00 Lakh (Appx Cost Rs67.00 Lakhs) Land authority belongs to Trust given by GDA and NOC given by SRC.Doc submitted. |
| 27 | CSR work for reconstruction of the Internal Roads of the Sector-9B-C and Sector-10 area in Gandhidham. | President, Shri TejaKangad, The Gandhidham Chamber of Commerce and Industry, Gandhidham. | Cost not mentioned. |

List of CSR applications received from various NGOs , Organizations , Village Sharpanchsetc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|---|--|---|
| | <u>CSR Applications kept pending in last year Agenda:-</u> | | |
| 27 | CSR Activities for providing Water supply pipe line, Play ground and sports equipment, electric facilities, drinking water facilities for poor people & Fishermen at VANDI Village. (Sr no-3) | Sarpanch ,Village-VANDI , Ta- Anjar (Recommd. By Shri VASANBHAI AHIR, MLA, Shri V L Chavda, MP) | <u>As per CSR Guideline-</u> ➤ Env Sustainability ➤ Eradicating extreme hunger and poverty (to be Consider for health Center ,Drainage line, Water sump etc activities) (Appx Cost - 51.00 Lakhs) (Land authorization of Gram Panchayat) |
| 28 | Construction of Shed, hall and Gate for the DADA Bhagwandas Charitable Trust, Adipur. (Sr no -4) | DADA BHAGWANDAS CharitableTrust, Gandhidham (Recommd. By Shri V L Chavda, MP) | <u>As per CSR Guideline-</u> ➤ Promoting gender equality and empowering women ➤ Eradicating extreme hunger and poverty (Considered shed and hall) Fab Shed - 30'x100' x 1250=37.00 Lakh & RCC Hall – 20'x100'x1500=30.00 Lakh (Appx Cost Rs 67.00 Lakhs) Land authority belongs to Trust given by GDA and NOC given by SRC. Doc submitted. |
| 29 | 10 Nos of Computers required for ShirMaheswarinagar Panchayat Girls Primary School, Gandhidham& Boys Group School, Gandhidham. (Sr no-8) | Maheswarinagar Panchayat Primary Kanya Sala, Gandhidham (Contact no 9913903686) | AppxRs 5.00 Lakhs <u>As per CSR Guideline-</u> ➤ Promotion of Education (to be consider for 20 Computers) |

List of CSR applications received from various NGOs , Organizations , Village Sharpanchsetc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|--|---|---|
| | | | Visited the site. Land belongs to MahewariMeghwadSamaj given by SRC for school purpose, doc are awaited. |
| 30 | Construction of Shed and Roof at JeparMatiyadev, shamsanbhumi at Kidana village & Maheswari Community Hall at JuniSundarpuri ,Gandhidham. (Sr no-10) | Shri VINOD CHAVDA, MP | AppxRs 15.00 Lakhs (Land authorization not mentioned) |
| 31 | Drainage, road, Dust bins, & shed for Cattle shelters at VID I Village, Ta –Anjar. (Sr no- 12) | Village- VID I, Ta: Anjar | AppxRs 30.00 Lakhs <u>As per CSR Guideline-</u> ➤ Env Sustainability ➤ Eradicating extreme hunger and poverty (Consider for Garbage vehicle & Drainage Cost) |
| 32 | Education, Women empowerment and Primary health care services at Kutch area. (Sr no-13) | Light of Life Trust, Mumbai. | Cost not mentioned. |
| 33 | Request for Help Divyang persons to employment by providing machineries. (Sr no-14) | Kutch DivyangSangthan, Gandhidham. | Cost not mentioned |
| 34 | Construction of 2 nd Floor of Shri MaheswariMeghwadSamaj, Gandhidham. (Sr no-20) | Shri MaheswariMeghwadSamaj, Gandhidham | AppxRs. 15.00 Lakhs (Visited the site and Land ownership documents awaited) (Name plate of DPT fixed at the Asset) |

List of CSR applications received from various NGOs , Organizations , Village Sharpanchsetc for the FY 2021-22 .

| Sr.No | Name of Scheme | Proposal Received from / Name of Organization / N.G.O | Brief Details |
|-------|--|---|--|
| 35 | Installation of Mini Science Center at Anjar and Gandhidham. (Sr no-21) | STEM Learning Pvt Ltd, Mumbai. | Cost not mentioned. |
| 36 | CSR work for Shri Rampar Gram Panchayat. ➤ Wall Plastering for Cattles -7 Lakhs ➤ Shed for Cattel's-15 Lakhs (Sr no-25) | Shri Sarpanch, Rampar Village. | AppxRs 22.00 Lakhs (Land authorization of Gram Panchayat and under taking submitted by applicant) |
| 37 | CSR activities for the 45,000 Patients over the period of 3 years by "SMILE FOUNDATION", Mumbai. 1. Concept for Nutrition covering 3 years 2. Concept for Mobile Health Unit reaching beneficiaries for 3 years 3. Concept for Vocational Training with NGO (Sr no-29) | Proposal from "SMILE FOUNDATION " Mumbai. | Appx Cost- Rs 539 Lakhs for 3 years |
| 38 | Development of Park in Public utility plot in between Block "C" & "D" of Sapna Nagar (NU-4) , Gandhidham (Sr no -31) | Shri RAVI MAHESHWARI, DPT | Land belongs to DPT earmarked for recreational purpose. (Total Cost – Rs88.75 Lakhs) |
| 39 | CSR works for NariJanshsktiVikas Foundation at Gandhidham near Shakti Nagar. (Sr no-33) | NariJanshsktiVikas Foundation, Ahmedabad | ➤ Promoting gender equality and empowering women ➤ Env Sustainability ➤ Under promotion of education (Consider for Computers with printers, Sewing machine & RO plant Cost Rs 48 Lakhs) |