

# DEENDAYAL PORT AUTHORITY (Erstwhile: DEENDAYAL PORT TRUST)

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

1234

Date: 02/02/2023

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

**Subject:** "Proposed Smart Industrial Port City (SIPC) at green Field Site 1 (Adipur side-Northeast of Antarjaal, South of Tagore Road, 580 Acres), Gandhidham, Kutch, Gujarat-370 201" by M/s Deendayal Port Authority- **Submission of Six-monthly Compliance report for the project reg.**

**Ref.:**

- 1) Ministry's letter NO. F. No. 21-295/2017-IA-III dated 10/10/2017
- 2) GPCB letter no.PC/CCA-KUTCH-1511/GPCBID60116, Outward No. 451921 dated 13/04/2018.
- 3) DPA letter no. EG/WK/5203/ (D)/VIII / EC Compliances /774 dated 07/08/2018.
- 4) DPA letter no. EG/WK/5203/ (D)/VIII / EC Compliances /119 dated 04/04/2019
- 5) DPA letter no. EG/WK/5203/ (D)/VIII / EC Compliances dated 21/12/2019
- 6) DPA letter no. EG/WK/5203/ (D)/VIII / EC Compliances dated 25/08/2021
- 7) DPA letter no. EG/WK/5203/ (D)/VIII/EC compliances /138 dated 21/02/2022
- 8) DPA letter no. EG/WK/5203/ (D)/VIII/EC compliances /138 dated 09/07/2022

Sir,

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

In this connection, it is to state that, Gujarat Pollution Control Board vide above referred letter dated 13.04.2018 granted Consent to Establish vide their letter no. PC/CCA-KUTCH-1511/GPCBID60116, Outward No. 451921 with certain specific & general conditions and validity up to 29/01/2023.


In this regard, it is relevant to mention here that, DPT had already obtained Environmental Clearance for "Proposed Smart Industrial Port City (SIPC) at green Field Site 1 (Adipur side-Northeast of Antarjaal, South of Tagore Road, 580 Acres), Gandhidham, Kutch-Gujarat" by M/s Deendayal Port Authority from MoEF&CC, GoI vide their letter no F. No. 21-295/2017-IA-III dated 10/10/2017.

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 compliance report from Dec 2021 to May 2022 via e-mail ID [kut-uh-gpcb@gujarat.gov.in.](mailto:kut-uh-gpcb@gujarat.gov.in), for kind perusal & record please.

Thanking You.

Yours faithfully,

Encl.: As above

  
Manager (Env.)  
Deendayal Port Authority

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

# **Annexure -1**

**Compliance Report for the period upto November, 2022**

**Subject: Point-wise Compliance of the conditions stipulated in Consent to Establish (NOC) for the project "Smart Industrial Port City (SIPC) at green Field Site 1 (Adipur side-Northeast of Antarjaal, South of Tagore Road, 580 Acres), Gandhidham, Kutch, Gujarat-370 201 by M/s Deendayal Port Trust."**

**Reference: GPCB issued NOC/CTE (CTE-91532) vide Order dated 13/04/2018 with Validity period of the order shall be up to 29/01/2023. Application for extension of CTE validity has been submitted vide Inw Id 273594 dated 25/01/2023**

Note: **Construction phase not yet started.**

<b>SR. NO</b>	<b>SPECIFIC CONDITION</b>	<b>STATUS</b>
1.	You shall strictly adhere and comply to all EC conditions granted by MoEF&CC, New Delhi vide order No- F.No.21-295/2017-IA-III, dated 10/11/2017	DPA regularly submit six monthly compliance report of stipulated conditions as mentioned in the Clearance letter dated 10/10/2017 to MoEF&CC. Last compliance report was submitted vide letter dated 09/07/2022.
2	No ground water shall be withdrawn without prior approval from competent authority.	Noted Please.
3	You shall carry out activities of infrastructure development only, where individual allottees Shall also have to obtain necessary permission before installation of plant. No industries covered under Category A or B of the EIA Notification shall be permitted. No part of the project shall lie in the CRZ area.	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 <b>also</b> be explored for use in road side plantation, spraying for dust suppression. No effluents should be allowed to flow into the creek.	Residential & allied cum commercial development, the necessary space of about 6.31 acres has already been earmarked in the Master Plan of SIPC for development of STP.
5	You shall also provide 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.	Noted Please.
6	Proposed project should be located at 23°03'32"N Latitude and 70°05'54" E	Noted Please.

SR. NO	SPECIFIC CONDITION	STATUS																														
	Longitude and no part of the project will lie in the CRZ area.																															
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.																														
2	<b>Conditions under Water Act 1974.</b>																															
2.1	The quantity of domestic waste water (Sewage) shall not exceed 10014.500 KL/Day and shall be treated in STP.	Noted Please.																														
2.2	Unit shall construct STP in accordance to the development of site in phased manner of 3 MLD capacity by 2020-2025, total 9 MLD capacity by 2025-35 and total capacity of 11 MLD by 2035-50.	Noted Please.																														
2.3	<p>The quality of treated industrial waste water in CETP, which generated from member industries shall conform to the following standards:</p> <table border="1" data-bbox="323 1086 949 1809"> <thead> <tr> <th>Parameter</th> <th>Permissible Limit</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 Units)</td> <td>100 units</td> </tr> <tr> <td>Suspended Solids</td> <td>100 mg/L</td> </tr> <tr> <td>Oil &amp; Grease</td> <td>10 mg/L</td> </tr> <tr> <td>Phenolic Compound</td> <td>01 mg/L</td> </tr> <tr> <td>Amonical 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>Sulphides</td> <td>02 mg/L</td> </tr> </tbody> </table> <p>All efforts shall be made to remove colour &amp; unpleasant odour as far as practicable.</p>	Parameter	Permissible Limit	pH	6.5 to 8.5	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	Amonical 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 %	Sulphides	02 mg/L	Noted Please.
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2.4	The treated industrial effluent conforming to the above standards shall be reused and recycled in premises by member industry, shall also be use in road side plantation, spraying for dust suppression etc.	Noted Please.										
2.5	<p>The quality of the sewage shall conform to the following standards</p> <table border="1" data-bbox="323 539 951 725"> <thead> <tr> <th>PARAMETERS</th> <th>GPCB NORMS</th> </tr> </thead> <tbody> <tr> <td>PH</td> <td>6.5 to 9.0</td> </tr> <tr> <td>BOD</td> <td>30 mg/L</td> </tr> <tr> <td>Suspended solids</td> <td>100 mg/L</td> </tr> <tr> <td>Fecal coliform</td> <td>1000</td> </tr> </tbody> </table>	PARAMETERS	GPCB NORMS	PH	6.5 to 9.0	BOD	30 mg/L	Suspended solids	100 mg/L	Fecal coliform	1000	Noted Please.
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2.6	The quality of the treated sewage confirming to the above norms shall be used for dust suppression, landscaping and washing purpose at the site.	Noted Please.										
3	<b>Condition Under Air Act-1981</b>											
3.1	<p>The following shall be used as fuel in D.G. set respectively</p> <table border="1" data-bbox="323 1182 932 1294"> <thead> <tr> <th>Sr. No</th> <th>Fuel</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Diesel</td> <td>601 Ltr/hr</td> </tr> </tbody> </table>	Sr. No	Fuel	Quantity	1	Diesel	601 Ltr/hr	Noted				
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3.2	<p>The applicant shall install &amp; operate air pollution control system in order to achieve flue gas emission norms as prescribed blow.</p> <table border="1" data-bbox="323 1442 936 2009"> <thead> <tr> <th>No.</th> <th>Stack attached to</th> <th>Stack height in Meter</th> <th>Parameter</th> <th>Permissible Limit</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>D.G. Sets (1x125 KVA) (6x500 KVA)</td> <td>11</td> <td>NO<sub>x</sub> + HC CO PM Smoke Limit (Light absorption coefficient)</td> <td>≤7.5 g/kW-hr ≤3.5 g/kW-hr ≤0.3 g/kW-hr ≤0.7 m<sup>-1</sup></td> </tr> </tbody> </table>	No.	Stack attached to	Stack height in Meter	Parameter	Permissible Limit	1.	D.G. Sets (1x125 KVA) (6x500 KVA)	11	NO <sub>x</sub> + 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 <sup>-1</sup>	Noted Please.
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3.3	There shall be no process gas emission from manufacturing activities and other ancillary operations.	Noted Please.																				
3.4	<p>The concentration of the following parameters in the ambient air with in the premises of the industry shall not exceed the limits specified here under as per National Ambient Air Quality Emission Standards issued by MoEF&amp;CC dated 16<sup>th</sup>November-2009.</p> <table border="1" data-bbox="323 696 1008 1848"> <thead> <tr> <th data-bbox="323 696 424 819">Sr No</th> <th data-bbox="424 696 571 819">Pollutant</th> <th data-bbox="571 696 743 819">Time Weighted Average</th> <th data-bbox="743 696 1008 819">Concentration in Ambient Air in <math>\mu\text{g}/\text{M}^3</math></th> </tr> </thead> <tbody> <tr> <td data-bbox="323 819 424 943">1</td> <td data-bbox="424 819 571 943">Sulphur Dioxide (<math>\text{SO}_2</math>)</td> <td data-bbox="571 819 743 943">Annual 24Hours</td> <td data-bbox="743 819 1008 943">50 80</td> </tr> <tr> <td data-bbox="323 943 424 1111">2</td> <td data-bbox="424 943 571 1111">Nitrogen Dioxide (<math>\text{NO}_2</math>)</td> <td data-bbox="571 943 743 1111">Annual 24Hours</td> <td data-bbox="743 943 1008 1111">40 80</td> </tr> <tr> <td data-bbox="323 1111 424 1435">3</td> <td data-bbox="424 1111 571 1435">Particulate Matter (Size less than 10 <math>\mu\text{m}</math>) OR <math>\text{PM}_{10}</math></td> <td data-bbox="571 1111 743 1435">Annual 24 Hours</td> <td data-bbox="743 1111 1008 1435">60 100</td> </tr> <tr> <td data-bbox="323 1435 424 1848">4</td> <td data-bbox="424 1435 571 1848">Particulate Matter (Size less than 2.5 <math>\mu\text{m}</math>) OR <math>\text{PM}_{2.5}</math></td> <td data-bbox="571 1435 743 1848">Annual 24Hours</td> <td data-bbox="743 1435 1008 1848">40 60</td> </tr> </tbody> </table>	Sr No	Pollutant	Time Weighted Average	Concentration in Ambient Air in $\mu\text{g}/\text{M}^3$	1	Sulphur Dioxide ( $\text{SO}_2$ )	Annual 24Hours	50 80	2	Nitrogen Dioxide ( $\text{NO}_2$ )	Annual 24Hours	40 80	3	Particulate Matter (Size less than 10 $\mu\text{m}$ ) OR $\text{PM}_{10}$	Annual 24 Hours	60 100	4	Particulate Matter (Size less than 2.5 $\mu\text{m}$ ) OR $\text{PM}_{2.5}$	Annual 24Hours	40 60	Noted Please.
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4	Particulate Matter (Size less than 2.5 $\mu\text{m}$ ) OR $\text{PM}_{2.5}$	Annual 24Hours	40 60																			
3.5	<p>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)</p>	Noted Please.																				

<b>SR. NO</b>	<b>SPECIFIC CONDITION</b>	<b>STATUS</b>
<b>4</b>	<b>General Condition</b>	
4.1	Any change in personnel, equipment or working conditions as mentioned in the consents form / order should immediately be intimated to this Board.	Noted Please.
4.2	The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) of the waste generated.	Noted Please.
4.3	Records of waste generation, its management and annual returns shall be submitted to Gujarat Pollution Control Board in Form - 4 by 31 <sup>st</sup> January of every year.	Noted Please.
4.4	In case of any accident of the same shall be submitted in form - 5 to Gujarat Pollution Control Board.	Noted Please.
4.5	Applicant shall comply relevant provision of "Public Liability insurance Act-91"	Noted Please.
4.6	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.
4.7	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.
4.8	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.
4.9	Environmental cell shall be setup & shall be responsible for total environmental management of maintenance, conveyance and monitoring of all pipelines.	Noted Please.
4.10	A separate budget shall be earmarked for environmental management and socio-economic activities including the green belt mangrove plantation and details thereof shall	Copy of EMP is already forwarded vide EC Compliance dated 04.04.2019.



<b>SR. NO</b>	<b>SPECIFIC CONDITION</b>	<b>STATUS</b>
	be furnished to this Department as well as the MoEF&CC, GOI	
4.11	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.
4.12	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.