adani™

Date: September 04th, 2015

To

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

Dear Sir,

Kind Attn.: Shri Hardik Shah

Sub.: Environmental Statement for the financial year ending 31st March, 2015 of **M/s. Adani Hazira Port Pvt. Ltd.**

Ref.: PCB ID: 35352, Consent Order No.: 47069, vide letter No.: GPCB/CCA-SRT-1314/ID_35352/112716, dated 21.05.2012, Amendment Consent Order No.: WH-58163, vide letter No.: GPCB: SRT-CCA-1314/ID-35352/166547, dated 27.11.2013 and Amendment Consent Order No.: A-71817, vide letter No.: GPCB/CCA-SRT- 1314(6)/ID-35352/323067, dated 02.08.2015.

With reference to the above mentioned subject and reference, please find enclosed **Environmental Statement** in **Form-V** prescribed under Rule, 14 of the Environment (Protection) Rules, 1986 for **M/s. Adani Hazira Port Pvt. Ltd, At & Post: Hazira, Taluka: Choryashi, District: Surat (Gujarat)** for the financial year ending **31st March'2015**.

Thanking you,

Yours faithfully,

For, Adani Hazira Port Pvt. Ltd.,

(Capt. Anil Kishore Singh)
Chief Operating Officer

Encl.: As above.

Copy to: The Regional Officer, Gujarat Pollution Control Board, Surat.

Adani Hazira Port Pvt Ltd
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Gujarat, India
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Environment Statement for the FY: 2014-15 of M/s. Adani Hazira Port Pvt. Ltd.

FORM - V

(See Rule 14)

Environmental Statement for the Financial Year ending 31st March, 2015

PART - A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	**Capt. Anil Kishore Singh,** **Chief Operating Officer,** Adani Hazira Port Pvt. Ltd. At & Post: Hazira, Taluka: Choryashi, District: Surat (Gujarat)
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red - Large NA NA
(iii)	Production Capacity	:	20.15 MMTPA (Total Cargo Handling Capacity)
(iv)	Year of Establishment	:	2010
(v)	Date of Last Environment Statement Submitted	:	29th September, 2014

ADANI HAZIRA PORT PVT. LTD. HAZIRA

PART – B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption Cu. Mtr./Day	
Process	Nil
Cooling	Approx. 529.48 m^3/day (Average)
Domestic	Approx. 67.43 m^3/day (Average)

Name of Products	Process Water Consumption per unit of Product Output	
	During the previous Financial Year: 2013-14	During the current Financial Year: 2014-15
Handling and Storage of general Dry Cargo, Liquid Cargo and Containers*	Approx. 23 m^3/MT	Approx. 37.15 m^3/MT

Note: Water consumption per MT is high due to more quantity of DC / Bulk Cargo handling during the FY 2014-15 and water consumption is high in dust suppression measure.

*** Unit does not carry out any manufacturing process. The water consumed was mainly in firefighting, dust suppression, water sprinkling and washing activities.**

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous Financial Year: 2013-14	During the current Financial Year: 2014-15
Not Applicable	Not Applicable	Not Applicable	Not Applicable

*** Unit does not carry out any manufacturing process. The water consumed was mainly in firefighting, dust suppression, water sprinkling and washing activities.**

ADANI HAZIRA PORT PVT. LTD. HAZIRA

Environment Statement for the FY: 2014-15 of M/s. Adani Hazira Port Pvt. Ltd.

PART – C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

<table>
<tr><th>Pollutants</th><th>Quantity of pollutants discharged (Mass/day)</th><th>Concentrations of pollutants in discharges (Mass/Volume)</th><th>Percentage of variation from prescribed standards with reasons</th></tr>
<tr><td>(a) Water</td><td colspan="3">Nil*</td></tr>
<tr><td>(b) Air</td><td colspan="3">• DG Sets are provided as standby power source and used during power failure.
• The Height of DG Stacks as per CPCB/GPCB Standards. All the monitored parameters are within standards</td></tr>
<tr><td>Particulate Matter (mg/Nm^3)</td><td colspan="2" rowspan="3">DG set emission report is enclosed as Annexure-1.</td><td>Nil</td></tr>
<tr><td>Sulphur Dioxide (PPM)</td><td>Nil</td></tr>
<tr><td>Nitrogen Oxide (PPM)</td><td>Nil</td></tr>
</table>

* **Unit does not carry out any manufacturing process, as it is service industry (Port) engaged in Handling and Storage of general Dry Cargo, Liquid Cargo and Containers. The source of effluent/ waste water generation is washing activities of liquid tanks and floor washing during any spillage and/or leakage of liquid cargo. During the FY 2014-15 there is no any treated effluent / water discharged to the environment.**

There was approx. 24.23 KL/Day Sewage Generation. The sewage was treated in the Sewage Treatment Plant (STP) and treated water confirming to prescribed standards reused in gardening and plantation activities.

ADANI HAZIRA PORT PVT. LTD. HAZIRA

PART - D
Hazardous Wastes
(As specified under Hazardous Wastes Management and Handling Rules, 1989)

Hazardous Wastes	Total Quantity (Kg. or KL)	
	During the previous Financial Year: 2013-14	During the current Financial Year: 2014-15
(a) From Process	Cat. 5.1 - Approx. 13 KL of Used / Spent Oil Cat. 5.2 - Approx. 3520 Kgs. of Oily Contaminated Cotton & Foam Pig Waste	Cat. 5.1 - Approx. 18.56 KL of Used/ Spent Oil Cat. 5.2 - Approx. 2152 Kgs. of Oily Contaminated Cotton & Foam Pig Waste
(b) From Pollution Control facilities	Nil	Nil

PART – E
Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous Financial Year: 2013-14	During the current Financial Year: 2014-15
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	Nil	Nil
(C-1) Quantity recycled or reutilized within the unit	Nil	Nil
(C-2) Sold	Nil	Nil
(C-3) Disposed	Approx. 11.5 Metric Tons of Paper, Garbage and Food Waste	Approx. 127.75 Metric Tons

Note: Waste generation high because of more manpower engaged in cargo handling in comparison to previous year.

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PART - F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

- Approx. 18.56 KL Used/ Spent (Waste) Oil was generated from various maintenance activities which were collected in Barrels, kept in covered hazardous waste storage area and Approx. 22.00 KL Used / Spent (Waste) Oil sold to GPCB authorized registered recycler/refiner.

- Approx. 2.152 MT Oily Contaminated Cotton Waste (Oily Rags) & Foam Pig Waste generated from site and the same was packed in HDPE bags and stored in Hazardous Waste Storage area. Approx. 2000 Kgs. of Oily Contaminated Cotton Waste was disposed of at GPCB Authorized CHWIF site of M/s. Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Unit has installed **Sewage Treatment Plant and Effluent Treatment Plant (ETP)** for treatment of the Sewage water and Effluent being generated at site. The treated water is being reused within port premises.

M/s. AHPPL has developed mangrove plantation on 100 hectare area - 50 hectare near Village: Kantiyajal, sea coast area and 50 hectare near Village: Nada-Devla, District: Bharuch (Gujarat).

During the financial year: 2014-15, the total cost incurred on environmental protection measures is enclosed as **Annexure-2**.

PART – H

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

- Unit is doing regular Environmental Monitoring within the Port and surrounding area through reputed NABL Certified Laboratory. All the required environmental parameters

ADANI HAZIRA PORT PVT. LTD. HAZIRA

are well within specified limit and the details of monitored data is regularly submitting to GPCB, CPCB, MOEF and other concerned authorities.

- Unit has installed STP and ETP for the treatment of the Sewage water and Effluent being generated at site & the treated water is being used for plantation & gardening activities. Unit has also provided dump pond and conveyance channel for collection of runoff generated from Coal Yard.
- Unit has provided Sprinklers at coal yard & conveyer system and carrying out regular water spreading to control the dust exposure. Wind breaking wall is provided around the periphery of Coal Yard.
- Unit has formed dedicated Horticulture department & developing green belt within port premises.

PART – I

Any other particulars for improving the quality of environment:

- Environmental awareness programs have been conducted during the year for employees, contractual employees, school children and local community of nearby villages.
- Integrated housekeeping management is undertaken on top priority to maintain neat and clean working environment in the port premises.
- Lush greenbelt is being developed within the port premises.

Date : 04-09-2015

ADANI HAZIRA PORT PVT. LTD. HAZIRA

(Signature of a person carrying out an industry, operation or process)
Name: Capt. Anil Kishore Singh
Designation: Chief Operating Officer (COO)

Address: At & Post: Hazira, Taluka: Choryashi,
District: Surat (Gujarat)

Environment Statement for the FY: 2014-15 of M/s. Adani Hazira Port Pvt. Ltd.

Annexure - 1

Stack Emission Monitoring: DG sets: 1500 KVA x 3 Nos. with 30 meter high Stack for each Set

Month	DG Set - 1			DG Set - 2			DG Set - 3		
	PM mg/Nm^3	SO_2 ppm	NOx ppm	PM mg/Nm^3	SO_2 ppm	NOx ppm	PM mg/Nm^3	SO_2 ppm	NOx ppm
Jun-14	26.66	2.95	20.81	21.48	3.14	16.44	31.49	4.32	18.74
Sep-14	25.53	2.36	21.20	19.64	3.54	15.35	31.59	4.91	24.63
Dec-14	32.28	2.60	25.30	29.46	1.62	20.92	24.49	2.13	24.78
Mar-15	38.59	5.67	28.99	22.59	3.65	24.54	36.49	4.28	30.55
Min.	**25.53**	**2.36**	**20.81**	**19.64**	**1.62**	**15.35**	**24.49**	**2.13**	**18.74**
Max.	**38.59**	**5.67**	**28.99**	**29.46**	**3.65**	**24.54**	**36.49**	**4.91**	**30.55**
Average	**30.76**	**3.40**	**24.07**	**23.29**	**2.99**	**19.31**	**31.01**	**3.91**	**24.68**

Note: DG Sets are provided as standby power source and used during power failure.

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Environment Statement for the FY: 2014-15 of M/s. Adani Hazira Port Pvt. Ltd.

Annexure - 2

Expenditure for Environmental Protection Activities During The FY: 2014-15

S. No.	Activity/ Category	Expenditure (INR)
1.	Environmental Study/Audit and Consultancy and Legal & Statutory Expenses	15,86,982/-
2.	Environmental Monitoring Services	16,67,489/-
3.	Mangrove Plantation	34,72,800/-
4.	Hazardous Waste Management& Disposal	1,56,000/-
5.	Green Belt Development	1,50,71,000/-
6.	O&M of Sewage Treatment Plant and Effluent Treatment Plant	13,74,685/-
7.	Treatment and Disposal of Bio-Medical Waste	27,600/-
Total Environmental Budget V/s Expenditures (INR)		**2,33,56,556/-**

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