



AHPPL/GPCB/2016-17/003

Date: 16/05/2016

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, 2016 of
M/s. Adani Hazira Port Pvt. Ltd.

Ref.: 1). Consent Order No.: AWH - 47069 date of issue 21.05.2012 vide letter No.:
GPCB/CCA-SRT-1314/ID: 35352/112716 dated 21/05/2012.
2). Amended CC&A vide letter No.: GPCB/CCA-SRT-1314/ID-35352/166547 dated
27/11/2013.
3). Amended CC&A vide letter No.: GPCB/CCA-SRT-1314(6)/ID_35352/ 323067
dated 02/08/2015.
4). Amended CC&A vide letter No.: GPCB/CCA-SRT-1314(6)/ ID_35352 / 352538
dated 16/04/2016.

With reference to the above subject and reference, please find enclosed herewith
Environmental Statement (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'2016**. This is for your records please.

Thanking You,

Yours faithfully,
For **Adani Hazira Port Pvt. Ltd.**

(Capt. Anil Kishore Singh)
Chief Executive Officer

Cc to: The Regional Officer, Gujarat Pollution Control Board, 338, Belgium Square,
Opp. Linear Bus Stand, Ring Road, Surat-364 002 (Gujarat)

Encl.: Environmental Statement in Form-V for the Financial Year: 2015-16.

Adani Hazira Port Pvt Ltd
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Environment Statement for the FY: 2015-16 of
M/s. Adani Hazira Port Pvt. Ltd.

FORM - V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March, 2016

PART - A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Capt. Anil Kishore Singh, Chief Executive Officer, M/s. Adani Hazira Port Pvt. Ltd., At & Post: Hazira, Taluka: Choryashi, District: Surat (Gujarat)
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red - Large Not Applicable Not Applicable
(iii)	Production Capacity	:	36.1 MMTPA (Total Cargo Handling Capacity)
(iv)	Year of Establishment	:	2010
(v)	Date of Last Environment Statement Submitted	:	04 th September, 2015

PART - B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption Cu. Mtr./Day	
Process	Approx. 73.02 m ³ /day (Average)
Cooling	Approx. 991.23 m ³ /day (Average)
Domestic	Approx. 98.69 m ³ /day (Average)

Name of Products	Process Water Consumption per unit of Product Output	
	During the previous Financial Year	During the current Financial Year
Handling and Storage of general Dry Cargo, Liquid Cargo and Containers*	Approx. 37.15 m ³ /MT	Approx. 28.82 m ³ /MT

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



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(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the previous Financial Year	During the current Financial Year
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.

PART - C

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

Pollutants	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (Mass/Volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Nil*		
(b) Air	<ul style="list-style-type: none"> 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 found within prescribed limits. 		
Particulate Matter (mg/Nm ³)	DG set emission report is enclosed as Annexure-1 .		Nil
Sulphur Dioxide (ppm)			Nil
Nitrogen Oxide (ppm)			Nil

* 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, pipelines and floor washing during any spillage and/or leakage of liquid cargo. During the FY 2015-16 there is no any treated effluent / water discharged to the environment.

There was approx. 25.40 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.



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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	During the current Financial Year
a) From Process	Cat. 5.1: Approx. 18.56 KL of Used/ Spent Oil Cat. 5.2: Approx. 2.152 MT of Oily Contaminated Cotton & Foam Pig Waste	Cat. 5.1: Approx. 35.30 KL of Used/ Spent Oil Cat. 5.2: Approx. 26.555 MT of Oily Contaminated Cotton & Foam Pig Waste, Barrels etc.
b) From Pollution Control facilities	Nil	Nil

PART - E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous Financial Year	During the current Financial Year
(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. 127.75 Metric Tons	Approx. 9.904 Metric Tons (Food waste)

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. 34.855 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. 35.30 KL Used / Spent (Waste) Oil sold to GPCB authorized registered recycler/refiner. Disposal quantity is higher than the generation due to disposal of remaining stock of previous year.



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- Approx. 28.243 MT Oily Contaminated Cotton Waste Oily Rags & Foam Pig Waste (Packed in HDPE bags) and Oily Barrels generated from site are stored in Hazardous Waste Storage area. Approx. 26.555 MT of Oily Contaminated Cotton & Foam Pig Waste and Oily Barrels were disposed of at GPCB Authorized CHWIF/TSDF site of M/s. Bharuch Enviro Infrastructure Ltd. (BEIL), Ankleshwar, Bharuch and M/s. Saurashtra Enviro Projects Pvt. Ltd., (SEPPL), Bhachau, Kutch (Gujarat).

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 afforestation on an area 200 hectares i.e.: 50 hectares near Village: Kantiyajal, Sea coast area and 150 hectares near Village: Nada-Devla, District: Bharuch (Gujarat).

During the financial year: 2015-16, 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 MoEF&CC and NABL accredited laboratory. All the environmental parameters are found well within specified limits and the details of monitored data is regularly submitting to GPCB, CPCB, MoEF&CC and other concerned authorities.
- Unit has installed STP and ETP for the treatment of the domestic waste water and effluent being generated at site and the treated water is being used for horticulture (plantation & gardening) purpose. 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.
- Unit has started use of mist canon to suppress the fugitive coal dust at coal yard.



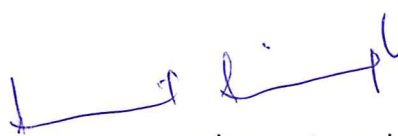
Environment Statement for the FY: 2015-16 of
M/s. Adani Hazira Port Pvt. Ltd.

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: 16-05-2016


(Signature of a person carrying out an industry, operation or process)

Name: **Capt. Anil Kishore Singh**

Designation: **Chief Executive Officer (CEO)**

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



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M/s. Adani Hazira Port Pvt. Ltd.

ANNEXURE-1

DG Sets (1500 KVA x 3 Nos.) Stack Emission Monitoring Results For The Period April, 2015 To March, 2016:-

S. No.	Parameters	Unit	29/04/2015			LIMIT
			DG SET TOYO DENKI -1	DG SET TOYO DENKI -2	DG SET TOYO DENKI -3	
1	Particulate Matter (PM)	mg/Nm ³	46.49	38.60	26.50	150
2	Sulphur Dioxide (SO ₂)	ppm	7.47	5.57	3.71	100
3	Oxide of Nitrogen (NO _x)	ppm	34.51	28.54	32.22	50

S. No.	Parameters	Unit	14/08/2015			LIMIT
			DG SET TOYO DENKI -1	DG SET TOYO DENKI -2	DG SET TOYO DENKI -3	
1	Particulate Matter (PM)	mg/Nm ³	36.84	28.68	32.42	150
2	Sulphur Dioxide (SO ₂)	ppm	4.53	3.83	6.55	100
3	Oxide of Nitrogen (NO _x)	ppm	32.76	32.54	36.47	50

S. No.	Parameters	Unit	06/11/2015			LIMIT
			DG SET TOYO DENKI -1	DG SET TOYO DENKI -2	DG SET TOYO DENKI -3	
1	Particulate Matter (PM)	mg/Nm ³	22.75	18.27	25.56	150
2	Sulphur Dioxide (SO ₂)	ppm	5.74	6.56	4.50	100
3	Oxide of Nitrogen (NO _x)	ppm	37.84	34.34	32.74	50

S. No.	Parameters	Unit	26/03/2016			LIMIT
			DG SET TOYO DENKI -1	DG SET TOYO DENKI -2	DG SET TOYO DENKI -3	
1	Particulate Matter (PM)	mg/Nm ³	14.55	12.40	19.52	150
2	Sulphur Dioxide (SO ₂)	ppm	4.64	5.88	7.10	100
3	Oxide of Nitrogen (NO _x)	ppm	35.78	32.30	39.10	50

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



Environment Statement for the FY: 2015-16 of
M/s. Adani Hazira Port Pvt. Ltd.

ANNEXURE - 2

Expenditure For Environmental Protection Activities During The FY: 2015-16:

S. No.	Activity/ Category	Budget (INR)	Expenditure (INR)
1	Environmental Study / Audit and Consultancy	10,41,570	10,46,000
2	Legal & Statutory Expenses	3,00,000	3,36,270
3	Environmental Monitoring Services	33,93,200	14,09,150
4	Mangrove Plantation	69,26,000	24,60,800
5	Hazardous Waste Management & Disposal	7,00,000	9,28,693
6	Greenbelt Development and Plantation	1,50,90,000	1,93,83,000
7	O&M of Sewage Treatment Plant and Effluent Treatment Plant	55,76,600	17,93,724
8	Environment Day Celebration	1,00,000	1,99,665
9	Treatment and Disposal of Bio-Medical Waste	1,00,000	44,000
Total Amount (INR)		3,32,27,370	2,76,01,302

