



Petronet LNG Limited

GIDC Industrial Estate, Plot No. 7/A, Dahej,
Taluka : Vagra, Dist. Bharuch (Gujarat) - 392130 (India)
Tel. : 02641-300345 / 300405, Fax : 02641-300310 / 300306
www.petronetlng.com
CIN: L74899DL 1998PLCO93073

Ref.: PLL/DHJ/HSE/GPCB/2019/07

Date: April 09, 2019

To,

Gujarat Pollution Control Board
Paryavaran Bhavan
Sector-10 A
GANDHINAGAR – 382 010

Sub: Environmental Statement for the financial year April 2018 to March 2019

Dear Sir,

Enclosed Please find Environmental Statement (FORM – V) for the financial year April 2018 to March 2019 for your kind perusal.

Thanking you,

Yours faithfully,
For Petronet LNG Limited


S B Singh
Sr. VP (Plant Head)
 S. B. Singh
Sr. VP (Plant Head)
Petronet LNG Limited
Dahej-392130

Encl: As above

→ Copy to:
Gujarat Pollution Control Board, Bharuch

Post Received on 12/04/19
Gujarat Pollution Control Board
BHARUCH.

FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

Environmental Statement for the financial year ending with **31st March 2019**

PART - A

i. Name and address of the owner/occupier of the industry operation or process:

Mr. S B Singh
Sr. VP (Plant Head)
M/s Petronet LNG Limited
Plot.7/A, GIDC Industrial Estate
Dahej, Taluka Vagra
Dist. Bharuch – 392130
Ph. 02641-300300 Fax. 02641-300310

ii. Industry category Primary-(STC Code) Secondary-(STC Code)

Not Applicable.

iii. Production category – Dahej Unit.

15 MMTPA (Million Metric Tons per Annum) Regasification Capacity
Receipt of LNG through Ship, storage, Regasification and Despatch of Natural Gas

iv. Year of establishment: **2nd April, 1998**

v. Date of the last environmental statement submitted: **19th April, 2018**

PART - B

Water and Raw Material Consumption:

i. Water consumption in m³/d:

Process : Nil
Cooling : Nil
Domestic : 21.2 m³/day

Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
1. Regasified Liquefied Natural gas (RLNG)	Nil	Nil

ii. Raw material consumption:

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the previous financial year (F.Y. 2017-18)	During the current financial year (F.Y. 2018-19)
1. Liquefied Natural Gas (LNG)	RLNG	15.059 MMTPA	14.928 MMTPA
		20721.24 MMSCM of send out RLNG	20690.53 MMSCM of send out RLNG
MMSCM = Million Metric Standard Cubic Meter MMTPA = Million Metric Ton per Annum			

* Industry may use codes if disclosing details of raw material would violate contractual Obligations, otherwise all industries have to name the raw materials used.

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 discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
(a) Water	No effluents generated	Not Applicable	Not Applicable
(b) Air (Stack emissions from Gas Turbine Generator)	---	SPM : Nil SOx : Nil NOx : 24 ppm	Concentration of pollutants discharged is well within the GPCB norms.

PART - D

HAZARDOUS WASTES

(as specified under Hazardous and Other Wastes (Management & Trans boundary Rules,2016)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2017-18)	During the current financial year (F.Y. 2018-19)
1. From Process	Nil	Nil
2. From Pollution Control Facilities	Nil	Nil
3. Used oil	12,600 Liters	3,150 Liters
4. Waste Residue containing Oil	Nil	360 Kgs

PART- E
SOLID WASTES

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2017-18)	During the current financial year (F.Y. 2018-19)
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: a) E Waste	780 Kg	655 Kg

PART – F

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

Hazardous waste: Used oil 3,150 Liters (Disposal through GPCB approved Recycler/ Preprocessor, M/s R.K. steel, Bharuch)

Solid Waste : Waste residue containing oil of 360 Kg/year disposed to BEIL , Ankleshwar for incineration process

E-Waste : Total 655 Kg E - waste disposed to GPCB approved agency , M/s Earth E Waste Management Pvt. Ltd. , Surat

Lead Acid Batteries: Total 191 nos batteries are disposed off through supplier buy back system under Batteries (Management and Handling) Amendment Rules, 2010. Details are follows.

Sr No	Date	Description	Quantity (Nos)	Agency
1	25.05.2018	Old Batteries	34	POWERTECH SERVICES
2	19.09.2018	Pulse Lite Battery 12 V 160 Ah	16	URJA BATTERY
3	22.10.2018	Old Batteries 12V,26AH	77	PARTH AGENCY
4	21.01.2019	Exide Battery XP1500,12V,150AH	02	LAXMI BATTERIES
5	21.01.2019	Exide Battery XP 800,12V,80AH	04	LAXMI BATTERIES
6	28.02.2019	Old Battery	01	URJA BATTERY
7	29.03.2019	Battery KPM425P	10	SYNTECH POWER SYSTEM
8	29.03.2019	Battery KPM188AH	47	SYNTECH POWER SYSTEM

PART – G

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

Regular Environmental monitoring is carried out through GPCB approved agency and monitored results are well within the consent limit. (M/s. Unistar Environment & Research Labs Pvt. Ltd, Vapi)

PART – H

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

The total Green Belt area approximately 1,66,000 Sq. meters has been allocated in and around periphery wall. Whereas, PH-I & PH-II green belt has been developed and maintained and the PH-III green belt (57,000 Sqm) area development has been initiated. In addition to this, the total lawns / green cover developed & maintained till date is 40000 Sq.m.

S.No	Financial Year	Amount Spent (Rs. in Lacs)	Purpose of Investment
1	2009-10	33.22	Development & maintenance of Green belt and Mangrove Plantation during the year.
2	2010-11	55.00	Development & maintenance of Green belt and Mangrove Plantation during the year.
3	2011-12	93.31	Development & maintenance of Green belt and Mangrove Plantation during the year.
4	2012-13	109.57	Development & maintenance of Green belt and Mangrove Plantation during the year.
5	2013-14	95.20	Development & maintenance of Green belt and Mangrove Plantation during the year.
6	2014-15	88.83	Development & maintenance of Green belt and Mangrove Plantation during the year.
7	2015-16	42.20	Development & maintenance of Green belt and Mangrove Plantation during the year.
8	2016-17	77.96	Development & maintenance of Green belt and Mangrove Plantation during the year.
9	2017-18	71.08	Development & maintenance of Green belt during the year.
10	2018-19	60.93	Development & maintenance of Green belt during the year.
Total		727.30 Lacs	

PART- I

Any other particulars for improving the quality of the environment.

Total 1150 ha. Mangrove Plantation undertaken along the Gujarat Coast till date as furnished below:

S.No	Financial Year	Covered Area	Location	Consultation with Forest Department/ GEC
1	2009-10	50 ha.	NadaVillage, Jambusar, Bharuch	Gujarat Ecology Commission (GEC), Govt. of Gujarat
2	2010-11	100 ha.	AnkalvaVillage, Hansot, Bharuch	Gujarat Ecology Commission (GEC) , Govt. of Gujarat
3	2011-12	200 ha.	AnkalvaVillage, Hansot, Bharuch	Gujarat Ecology Commission (GEC) , Govt. of Gujarat
4	2012-13	200 ha. 100 ha.	AnkalvaVillage, Hansot, Bharuch RoniyaBhatha, Nr. Nirma, Bhavanagar	Gujarat Ecology Commission (GEC) , Govt. of Gujarat Bhavnagar Forest Division, Govt. of Gujarat
5	2013-14	200 ha.	RoniyaBhatha, Nr.Lock Gate, Bhavanagar	Bhavnagar Forest Division, Govt. of Gujarat
6	2014-15	200 ha.	RoniyaBhatha, Nr.Lock Gate, Bhavanagar	Bhavnagar Forest Division, Govt. of Gujarat
7	2014-15	50 ha.	Kentiyajal, Hansot Bharuch	Bharuch Forest Sub-Division, Govt. of Gujarat
8	2016-17	50 ha.	Gadula Village, Talaja Taluka, Mahuva, Bhavnagar	Bhavnagar Forest Division, Govt. of Gujarat
Total		1150 ha.		

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

Name:

Mr. S B Singh

Designation:

Sr. VP (Plant Head)

Address:

M/s Petronet LNG Limited
Plot.7/A, GIDC Industrial Estate
Dahej, Taluka Vagra
Bharuch – 392130
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