



गेल (इंडिया) लिमिटेड

GAIL (India) Ltd.

(A Government of India Undertaking)
(A Maharatna Company)

पोस्ट: गेल कॉम्प्लेक्स, वीजापुर
जिला गुना (म.प्र) 473 112
P.O. GAIL COMPLEX, VIJAIPUR
DISTT. GUNA (M.P) 473 112
दूरभाष/Phone: (07544) 274444
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XGN ID: 19127

GAIL/VIJP/EMC/02/HVJ-ES/05/2021

Date: 01.05.2021

To,

The Superintendent Engineer,
M.P. Pollution Control Board,
Paryavaran Parisar
E-5 Sector, Arera Colony,
Bhopal – 462016.



Sub: Environment Statement in respect of HVJ Compressor Station & Pipeline Operation, GAIL (India) Ltd., Vijaipur for the year 2020-2021.

Ref.: 1) Combined Consent Authorisation (CCA) under Air & Water Acts ref. AW-50416 dtd. 02/09/2019
2) Number of Authorization: H-51368 dated 20/03/2020

Dear Sir,

Enclosed please find herewith the copy of Form-V “Environment Statement” for the year 2020-2021, for HVJ Compressor Station & NG Transmission, GAIL Complex, Vijaipur.

This is for your information & record purpose please.

Sincerely Yours,

For GAIL (India) Ltd., Vijaipur,

H. H. Meshram
GM (O&M-TS)

CC: The Regional Officer, MPPCB, Vijaipur – Guna.

FORM – V
(See Rule – 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING 31ST MARCH 2021

HVJ Compressor Station & Pipeline Operation: PCB ID 19127

PART – A:

- | | | |
|----|---|---|
| 1. | Name & Address of the Owner/
Occupier of the Industry: | Shri S. S. Agrawal
Executive Director (O&M – Central Region)
HVJ Compressor & Pipeline Operations
GAIL (India) Ltd.,
Vijaipur, Dist. – Guna (MP)
Pin – 473112. |
| 2. | Date of Last Environment Statement
Submitted: | 15 th May, 2020 |

PART – B:

WATER AND RAW MATERIAL CONSUMPTION:

1. Water Consumption (M³ / Day)

- | | |
|----------|---|
| Process | : Not Applicable since no water is utilized in operations. |
| Cooling | : Not Applicable since no water is utilized in operations. |
| Domestic | : The quantity is included in Environmental Statement of Gas Processing Unit for the Year 2020– 2021. |

Name of the Product	Water consumption per unit of Product	
	During the previous Financial Year (2019-20)	During the current Financial Year (2020-21)
	(1)	(2)
Not Applicable	Not Applicable	Not Applicable

2. Raw Material Consumption

Name of the Raw Material	Name of the Product	Consumption of raw material per unit of output	
		During the previous Financial Year (2019-20)	During the current Financial Year (2020-21)
No manufacturing is involved. Only compression & transportation of Natural Gas / RLNG through pipe line is carried out. Hence, it is not applicable.			

PART – C:**POLLUTION GENERATED:****(Parameters as specified in the consent issued)**

Sr. No.	Pollutants	Quality of Pollution Generated	Generated Percentage of variation from prescribed Standards with Reasons
(a)	Water	Not Applicable since Pipeline transmission does not consume water & hence does not generate any effluent	
(b)	Ambient Air	SO ₂ = 11.3 µg/m ³ NO ₂ = 14.9 µg/m ³ CO = 0.7 mg/m ³ O ₃ = 18.8 µg/m ³ NH ₃ = 12.5 µg/m ³ PM ₁₀ = 58.8 µg/m ³ PM _{2.5} = 33.3 µg/m ³ VOC = Not Detectable	The actual values of the parameters are well within the limits of the prescribed standards as per Consent Conditions
(c)	Stack	NO ₂ = 29.1 mg/Nm ³ SO ₂ = 10.1 mg/Nm ³ SPM = 15.1 mg/Nm ³	

PART – D:**HAZARDOUS WASTES:****(As specified under Hazardous Wastes – Management & Handling Rules, 2016 – Amended)**

Sr. No.	Hazardous Wastes	Total Quantity (Litres)	
		During the previous Financial Year (2019-20)	During the current Financial Year (2020-21)
(a)	From Process (Spent Oil, Waste Stream 5.1)	10470 Litre	16137 Litre

PART – E:**SOLID WASTES:**

Sr. No.	Source	Total Quantity (Metric tonnes)	
		During the previous Financial Year (2019-20)	During the current Financial Year (2020-21)
(a)	From Process	NIL	9.1 MT
(b)	From Pollution Control Facility	NIL	NIL
(c)	Quantity Recycled or Reutilized	NIL	NIL

PART - F:

Condition	Remarks
Please specify the characteristics and quantum of hazardous as well as solid wastes and indicate disposal practices adopted for these categories	Used oil is being collected in drums and kept at designated storage shed and sold to CPCB/MPPCB/MoEF authorized re-processors as per authorization guidelines.

PART - G:

Condition	Remarks
Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.	<ol style="list-style-type: none">1) GAIL has constantly taken the measures to conserve energy and consumption of Natural resources for its energy requirement i.e. Gas. Constant efforts in this direction has enabled the company reduce its specific energy consumption and thereby saving cost of production.2) Approximately 5 lacs sq. mts. of Land is being maintained as a lawn area and approx. 1 Lakh trees of different categories (Teak, Ashoka, Royal Palm, Sisam, Awala, Jamun, Gulmohar, Imli, Botal Brush etc.) are planted inside plant, township & surrounding area and maintained well.3) Total Plantations for GAIL Complex, Vijaipur in FY 20-21 are 110.

PART - H:

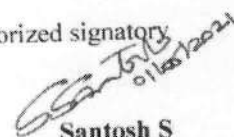
Condition	Remarks
Additional investment proposal for environmental protection including abatement of pollution.	Rs. 31.8 lac- for Energy Saving initiatives, Environment Monitoring and Waste Management (FY 2020 - 2021).

PART - I:

Miscellaneous

Condition	Remarks
Any other particulars in respect of environment protection and abatement of pollution.	<ol style="list-style-type: none">1) All Hazardous Wastes disposed through Authorized recyclers/ disposal agency only.2) All Municipal waste converted to Manure or disposed through authorized recyclers only.

Authorized signatory


Santosh S

Sr. Engineer (EMC)