



गेल (इंडिया) लिमिटेड

GAIL (India) Ltd.

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

पोस्ट: गेल कॉम्प्लेक्स, विजापूर
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/05/2022

Date: 05.05.2022

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 2021-22.**

Ref.: Combined Consent Authorisation (CCA) No.. AW-50416 dtd. 02/09/2019

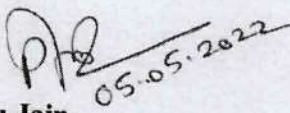
Dear Sir,

Enclosed please find herewith the copy of Form-V “Environment Statement” for the year 2021-2022, for HVJ Compressor Station & NG Transmission, GAIL Complex, Vijaipur.

This is for your information & record purpose please.

Sincerely Yours,

For GAIL (India) Ltd., Vijaipur,


Pintu Jain
Manager (EMC)



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

FORM – V
(See Rule – 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING 31ST MARCH 2022

HVJ Compressor Station & Pipeline Operation: PCB ID 19127

PART – A:

- Shri S. S. Agrawal**
Executive Director (O&M – Central Region)
1. Name & Address of the Owner/
Occupier of the Industry: HVJ Compressor & Pipeline Operations
GAIL (India) Ltd.,
Vijaipur, Dist. – Guna (MP)
Pin – 473112.
 2. Date of Last Environment Statement
Submitted: 07th May, 2021

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 2021– 2022.

| Name of the Product | Water consumption per unit of Product | |
|---------------------|---|--|
| | During the previous Financial Year (2020-21) | During the current Financial Year (2021-22) |
| | (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 (2020-21) | During the current Financial Year (2021-22) |
| | | | |

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 = 13.025 µg/m ³ NO ₂ = 17.475 µg/m ³ CO = 0.655 mg/m ³ O ₃ = 19.975 µg/m ³ NH ₃ = < 20 µg/m ³ PM ₁₀ = 61.975 µg/m ³ PM _{2.5} = 29.325 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 = 39.8 mg/Nm ³ SO ₂ = 11.5 mg/Nm ³ SPM = 19 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 (2020-21) | During the current Financial Year (2021-22) |
| (a) | From Process (Spent Oil, Waste Stream 5.1) | 16137 Liters | 12039 Liters |

PART – E:**SOLID WASTES:**

| Sr. No. | Source | Total Quantity (Metric tonnes) | |
|---------|---------------------------------|--|---|
| | | During the previous Financial Year (2020-21) | During the current Financial Year (2021-22) |
| (a) | From Process | 9.1 MT | 0.59 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 21-22 are 525 Nos. |

PART - H:

| Condition | Remarks |
|---|---|
| Additional investment proposal for environmental protection including abatement of pollution. | Rs. 23.78 lac- for Energy Saving initiatives, Environment Monitoring and Waste Management (FY 2021 - 2022). |

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 Horticulture and Food waste converted to Manure. |

Authorized signatory


Pintu Jain

Manager (EMC)

05/05/2022