

**FORM – V**  
(See Rule – 14)

**ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING 31<sup>ST</sup> MARCH 2019**

**DVPL Compressor Station & Pipeline Operation: PCB ID 19129**

**PART – A:**

- |   |  |
|---|--|
| 1. Name & Address of the Owner/<br>Occupier of the Industry | <b>Shri S. S. Agrawal</b><br><b>Executive Director (O&amp;M – Central Region)</b><br>DVPL Compressor & Pipeline Operations<br>GAIL (India) Ltd.,<br>Vijaipur, Dist. – Guna (MP)<br>Pin – 473112. |
| 2. Date of Last Environment Statement<br>Submitted          | 15 <sup>th</sup> May, 2019   |

**PART – B:**

**WATER AND RAW MATERIAL CONSUMPTION:**

**1. Water Consumption (M<sup>3</sup> / 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 2019 – 2020. |

| Name of the Product | Water consumption per unit of Product           |  |
|---------------------|---|--|
|                     | During the previous Financial<br>Year (2018-19) | During the current Financial<br>Year (2019-20) |
|                     | (1)   | (2)  |
| Not Applicable      | Not Applicable                                  | Not Applicable                                 |

**2. Raw Material Consumption**

| Name of the Raw<br>Material  | Name of the<br>Product | Consumption of raw material per unit of output  |  |
|--|------------------------|---|--|
|  |                        | During the previous<br>Financial Year (2018-19) | During the current<br>Financial Year (2019-20) |
| 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 <sub>2</sub> = 9.87 µg/m <sup>3</sup>   | The actual values of the parameters are well within the limits of the prescribed standards (NAAQS, 2010) as per Consent Conditions |
|         |             | NO <sub>2</sub> = 12.8 µg/m <sup>3</sup>   |  |
|         |             | CO = 0.93 mg/m <sup>3</sup>  |  |
|         |             | O <sub>3</sub> = 18.13 µg/m <sup>3</sup>   |  |
|         |             | NH <sub>3</sub> = <b>12.53</b> µg/m <sup>3</sup>   |  |
|         |             | PM <sub>10</sub> = 74 µg/m <sup>3</sup>  |  |
|         |             | PM <sub>2.5</sub> = 36.7 µg/m <sup>3</sup>   |  |
| (c)     | Stack       | VOC = Not Detectable   | The actual values of the parameters are well within the limits of the prescribed standards as per Consent Conditions               |
|         |             | NO <sub>2</sub> = 50.7 mg/Nm <sup>3</sup>  |  |
|         |             | SO <sub>2</sub> = Not Detectable   |  |
|         |             | VOC = Not Detectable   |  |

**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 (2018-19) | During the current Financial Year (2019-20) |
| (a)     | From Process<br>(Spent Oil, Waste Stream 5.1) | 525 Litre                                    | 7349 Litre                                  |

**PART – E:****SOLID WASTES:**

| Sr. No. | Source                          | Total Quantity (Metric tonnes)               |   |
|---------|---------------------------------|--|---|
|         |                                 | During the previous Financial Year (2018-19) | During the current Financial Year (2019-20) |
| (a)     | From Process                    | NIL  | NIL   |
| (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 yard 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"><li>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.</li><li>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 &amp; surrounding area and maintained well.</li><li>3) Total Plantations for GAIL Complex, Vijaipur in FY 19-20 are <b>3389</b>.</li></ol> |

**PART – H:**

| Condition   | Remarks  |
|---|--|
| Additional investment proposal for environmental protection including abatement of pollution. | <b>Rs. 79.6356 lac</b> – for Energy Saving initiatives, Environment Monitoring and Waste Management (Common in Environment Statement of other units under Compressor Station Area for GAIL Vijaipur for the FY 2019 – 2020). |

**PART – I:**

**Miscellaneous**

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

Authorized signatory  


**Pintu Jain**  
Sr. Engineer (EMC)