

O/C



Date: 30th September, 2026
Ref: HMEL-OE-40-ENV 1384

To,

Environmental Engineer,
Punjab Pollution Control Board
3rd Floor, Room No: 406E,
District Administrative Building,
Bathinda- Regional Office,
Bathinda.

Received
30/09/26

Subject: Environmental Statement for the financial year ending 31st March 2026 for HMEL-Township.

Dear Sir,

Please find the enclosed Environmental Statement FY2025-26 for HMEL-Township (Residential colony), Bathinda as per "The Environment (Protection) Rules, 1986".

Thanking you,

Very truly yours

Jatinder Kumar
(Manager -Env.)

Encl: 1. Environmental Statement Form-V.

Cc: Ministry of Environment, Forest & Climate Change, Northern Regional Office, Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160 030.

The Member Secretary State Level Environment Impact Assessment Authority (SEIAA), Punjab
O/o DECC, MGSIPA Complex, Sector-26, Chandigarh

HPCL-Mittal Energy Limited

Environmental Statement for FY 2025-26

FORM-V (See Rule 14)

Environmental Statement for the financial year ending on 31st March 2026.

PART - A

- (i) Name and address of the owner/ occupier of the industry operation or process:

Mr. Prabh Das,
MD & CEO,

Corporate Address:

HPCL-Mittal Energy Limited
The Rise, 17 B&C, Film City, Sector 16A
NOIDA-201301 (U.P.), India

Township Address:

HMEL-Township
HPCL-Mittal Energy Limited (Residential colony)
Village Raman & Tarkhanwala
Taluka: Talwandi Saboo
District Bathinda – 151301, PUNJAB,
INDIA.

- (ii) Industry category Primary: (STC Code) Secondary- (SIC Code):

Township and area development project

- (iii) Production capacity- Units:

Township- Residential project

- (iv) Year of establishment:

October 2010

- (v) Date of the last environmental statement submitted:

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PART - B

Water and Raw Material Consumption:

1. Water consumption m³/ day
 - Domestic : 1059 m³/day

Name of products	Process water consumption per unit of product output	
	During the current Financial Year (2024-25)	During the current Financial Year (2025-26)
It is a Residential Complex		

2. Raw Material Consumption:

Name of raw materials	Name of products	Consumption of raw material per unit of output	
		During the current Financial Year (2024-25)	During the current Financial Year (2025-26)
There are no products as it is a Residential Complex			

PART - C

Pollution discharged to environment/ unit of output.

(Parameter as specified in the consent issued)

Pollution	Quantity of pollutants Discharged (Mass/ day) (kg/day)	Concentration of pollutants in discharges (Mass/ volume) (kg/m ³)	Percentage of variation from prescribed standards with reasons
—			

(a) Water- Treated Water from STP is recycled / reused inside the Township.

Pollutant	Pollutant in kg/day	Pollutant in kg/m3
Oil & Grease	Zero discharge is maintained 100% of treated STP water is being reused in horticulture landscaping.	
BOD		
COD		
Suspended Solids		
Phenols		

(b) Ambient Air quality

Ambient Air Quality						
Sr. No.	Parameter	Units	Norms	Max	Min	Avg
1	PM2.5	μ/m^3	60	53.7	48.2	50.8
2	PM10	μ/m^3	100.0	99.2	86.5	90.9
3	SO ₂	μ/m^3	80.0	11.9	6.2	8.2
4	NO ₂	μ/m^3	80.0	19.2	12.4	16.0
5	CO	mg/m ³	4.0	0.726	0.391	0.5

(c) Township Sewage Treatment Plant-Treated outlet quality

Township STP Outlet (Treated Water)						
Sr.No.	Parameter	UOM	Norms	Min	Max	Avg
1	pH		6.5 to 9.0	7.2	7.7	7.4
2	Temperature	°C		25.1	32.8	28.6
3	Total Suspended Solids (TSS)	mg/l	<10	5.0	7.1	6.1
4	COD	mg/l	<50	29.7	42.6	33.8
5	BOD	mg/l	<10	5	9.0	7.2
6	Oil & Grease (O&G)	mg/l	<5	BDL	BDL	BDL
7	Ammoniacal Nitrogen as N	mg/l	<5	1.1	2.3	1.6
8	PO4-P	mg/l	<2	0.4	0.7	0.5
9	N-total	mg/l	<10	5.0	7.3	5.9

PART - D

Hazardous Wastes

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Waste	Total Quantity	
Type of waste generated	During the current Financial Year (2024-25)	During the current Financial Year (2025-26)
No Hazardous Waste Generated		

PART - E

Solid Waste

Solid Waste	Total Quantity	
Type of Waste	During the current Financial Year (in MT) (2024-25)	During the current Financial Year (in MT) (2025-26)
Municipal Solid Waste (Wet & Dry)	-	700-900 (Range)

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.

Disposed Quantity

S. No.	Type of waste	Disposal Management
A.	Solid Waste	
1	Municipal Solid waste (wet & Dry)	Bio Degradable & Non Bio degradable wastes are being segregated at source of generation and collected in color dustbin. Bio degradable waste is being treated in organic waste composter and used as manure for plantation. Non bio degradable waste is being segregated and disposed to recyclers.

PART - G

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

The following pollution abatement measures taken on conservation of natural resources have been implemented:

1. Greenbelt development-47.38% of the township area has been covered with greenbelt. Vacant area and all along roadside have been developed into lawns.
2. Rainwater harvesting- 16 no's of Rainwater harvesting structure at colony has been constructed.
3. Ambient air quality- Roads have been concreted/paved blocked to eliminate fugitive emission and also mechanical sweeping has been adopted to keep the road neat and clean.
4. Water Quality- STP of 1000 KLD capacity have been installed to treat sewage water generated from township.
5. Health- First aid and medical facilities are available in the township health center.

PART - H

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

Renewable energy -Roof top solar power system installation in residential buildings.

PART - I

Any other particulars for improving the quality of the environment.

Maintain zero effluent discharge by reusing and recycling the treated waste water.