ENVIRONMENTAL STATEMENT (FORM V)
FOR THE FINANCIAL YEAR ENDING 31ST MARCH 2025

PART - A

(i) Name and address of the Occupier of the industry	Shri Abhijit Roy Managing Director M/s Berger Paints India Ltd (British Paints Division)	
Operation or Process	Paint Manufacturing	
(ii) Industry Category	Primary SIC Code – 2800 Secondary SIC Code – 2850	
(iii) Annual Production Capacity	Water based Emulsion Paints Solvent based Enamel Paints Resin	**1150 TPM** **850 TPM** **500 TPM**
(iv) Year of Establishment	2015	
(v) Date of the last Environmental submitted	20-06-2024	

PART B

Water and Raw Material Consumption

i. Water Consumption

Description	Qty As per CFO	Qty Actual Consumed
Process & Wash	37.0 KLD	35.0 KLD
Cooling	1.0 KLD	0.9 KLD
Fire fighting	1.0 KLD	0.8 KLD
Domestic	6.0 KLD	4.8 KLD
Gardening / Irrigation	7.0 KLD	5.2 KLD

Name of the product	Process water consumption (m^3 / KL of Production)	
	FY 23 -24	FY 24 -25
Paints	0.45	0.48

Note:

ii. Raw Material consumption **Annexure I** [Page 6]

PART C

Pollution Discharged to the Environment per unit of Output
(Parameters as specified in the consent issued)

Pollutants

a. Water **Annexure II** [page 8]
b. Air **Annexure III** [page 9]

PART - D

Hazardous Wastes
(As specified under Hazardous Waste (Management and Handling) Rules, 1989 and list amendments there of)

Presented as **Annexure IV** [page 10]

PART - E

Solid Wastes

Presented as **Annexure V** [page 11]

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PART F

Please specify the characterisation (in terms of composition and quantum) of Hazardous as well as solid waste and indicate disposal practice adopted for both these categories of waste.

Presented as **Annexure VI** [page 12]

PART -G

IMPACT OF POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION

A. Impact of Pollution Abatement on Conservation.

a. Cleaner Effluent

Effluent is generated only during cleaning operations. Proper production planning, using jet pumps for cleaning the vessels will sufficiently reduce the consumption of fresh water. The effluents are treated and the treated effluents will be used for, toilet flushing, floor washing, ETP chemical preparation etc. Reuse of treated effluent reduces the consumption of fresh water.

b. Effective Dust Control:

The dust is only generated during charging powder into the process. The same has been effectively controlled with Fume Extraction system, Wet Scrubber System & Dust collector devices are installed were ever it is needed this helps in maintaining good ambient air quality.
Charging to processing is manually and through screw conveying pipelines & equipment's,
More over bag filters are fitted with pulse jet bag filter 20000m3/hr , number of filter bags present are 176. Fugitive emission generated during charging powder to equipment is captured by a section hood
A 30 height stack is attached to it with ID fan

c. Natural resources conservation

Several initiatives are undertaken to reduce water, power and fuel consumption. Rain water harvesting pits for ground water recharging have also been implemented.

d. Reduction in noise pollution

Acoustic enclosure has been provided for Diesel Generators and for compressors which has resulted in reduction in noise pollution.

B. Impacts of Pollution Abatement on the cost of production

The expenses on the pollution abatement increased the cost of production **Rs. 110/-** per KL of production.

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PART H

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

The focus on Environmental Management system directly from the "Manufacturing Excellence" of "Zero Waste". The company is determined to improve manufacturing discipline, installing quality system of international standards excellent housekeeping and preventive maintenance is implicit therein. Making the workplace environmental friendly and safe.

Given below are some of the implemented initiatives for environmental protection.

Procured two Jet Pump to production block for cleaning of vessels which leads to reduction in Effluent generation.

Using Multi Gas Detector for precaution & presentiveness at working Zones and used for used for monitoring & Analysis of VOC, CO2, O2, AAQM and VOC monitoring system installed in company premises to monitor Air Ambient and VOC.

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PART I

Any other particulars for improving the quality of the environment

1. 100% Reuse of the Wash Water generated in the Process, thereby reducing the effluent generation.
2. Sludge drying bed of ETP.
3. Plantation in around the plant, 35% of plant area has been committed to do it & new plants are added on continual basis.
4. ETP is 15KLD as on process with Physical and biological treatment (Activated Sludge Process)
5. 4 Nos., Floor cleaning machines are purchased to clean the Production floor.
6. 200 Nos. of plantation was done

List of Test Report attached

1. ***Analysis Report of Ambient Air Quality***
2. ***Analysis Report of VOC for Ambient Air Quality***
3. ***ETP Water Analysis Report as per GSR 422E***
4. ***Drinking Water Analysis Repost as per IS 10500***
5. ***ETP Sludge Analysis Report***
6. ***Noise Level Data***
7. ***Stack Monitoring Report***

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Name	Soundararajan
Designation	Deputy General Manager
Address	British Paints – A Division of Berger Paints India Ltd Plot No.32 (PT), APIIC Industrial Park, Gollapuram, Hindupur -515211 Sri Sathya Sai - District, A.P.
Date	05.05.2025

For BERGER PAINTS INDIA LTD.,
(BRITISH PAINTS DIVISION)

Authorised Signatory.

M/s. British Paints
A Division of Berger Paints India Ltd.,
32 (Part), Gollapuram Industrial Park,
HINDUPUR - 515 201.
Sri Sathya Sai (Dist.) A.P.

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Annexure I

Raw Material Consumption

S.No	Name of the Raw material	Name of product	Consumption of Raw material per unit of Output (MT/ MT of Production)	
			2023-24	2024-25
1	Pigment	Water base Paints	0.04	0.04
2	Extenders	Water base Paints	0.52	0.52
3	Additives	Water base Paints	0.04	0.04
4	Oil	Water base Paints	0	0
5	Water	Water base Paints	0.31	0.31
6	Acids and Chemicals	Water base Paints	0.02	0.02

S.No	Name of the Raw material	Name of product	Consumption of Raw material per unit of Output (MT/ MT of Production)	
			2023-24	2024-25
1	Solvents	Enamel Paints	0.10	0.10
2	Resins & Emulsions	Enamel Paints	0.30	0.30

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Annexure II
Water Pollutants

Water Analysis Report enclosed.

Carried by M/s. Global Enviro Labs, Hyderabad
Recognised by Environment Forest & Climate Change (MoEF &CC) GOI & NABL.

1. ***ETP Water Analysis Report as per GSR 422E***
2. ***Drinking Water Analysis Repost as per IS 10500***

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Annexure III

Air Pollutants

Stack Monitoring Report enclosed.

Carried by M/s. Global Enviro Labs, Hyderabad
Recognised by Environment Forest & Climate Change (MoEF &CC) GOI & NABL.

1. ***Analysis Report of Ambient Air Quality***
2. ***Analysis Report of VOC for Ambient Air Quality***
3. ***Noise Level Data***
4. ***Stack Monitoring Report***

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Annexure IV

Hazardous Wastes

Category	S.No	Waste Source	Waste Category*	Total Quantity	
				FY 23-24	FY 24-25
A	From Process				
	1	Paint Sludge (Kgs)	21.1	3520	3000
	2	Cotton Waste (Kgs)	5.1	650	1100
	3	Spent Solvent (Litres)	21.2	58124	77340
	4	Empty Polythene Bags (Kgs)	33.1	13760	9560
	5	Used Containers (Nos)	33.1	16126	17642
	6	Used / Spent Oil from Dg Sets, Machines. (Litres)	5.1	165	220
B	From pollution control facility				
	1	ETP Sludge	35.3	10500	12000

* Category as per Hazardous waste (M& H) Rules 2008

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Annexure V

Solid Wastes

	Waste Source	Total Quantity during the Financial Year		
		Unit	2023-24	2024-25
A	**From Process**			
	1. Wooden Scrap	KGS	7910	9760
	2. Papers/Cartons	KGS	73980	79890
	3. Metal Scrap	KGS	29650	38170
	4. Plastic Scrap	KGS	80890	76100
B	**From pollution control facility**	NIL	NIL	NIL
C	**Quantity recycled or re-utilized within the unit**	NIL	NIL	NIL