



Date: -20/06/2022

The Regional Director,  
Ministry of Environment, Forest and Climate Change  
New Secretariat Building, Civil Lines,  
Opposite Old VCA Stadium,  
Nagpur-440001, (Maharashtra)

Subject: Submission of Six Monthly Compliance Report for the period of January 2022 to June 2022.

1. Environmental Clearance Letter No. J-11011/1151/2007-IA-II(I) dated 14th March 2008.
2. Environmental Clearance for Expansion of Integrated Paint plant at Plot No G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State. SEIAA Meeting No: 220, Date: 14 May, 2021(SEIAA STATEMENT-0000003592)
3. Consent to Establish No. Format 1.0/BO/CAC-Cell/UAN No. 0000042777/E/5<sup>th</sup>CAC-SS 1811001371 Dated-29/11/2018.
4. Consent to Establish (Revalidation) No. BO/AS(T)/E/EIC NO.PN-21052-14/CC 7809-A Dated-01/09/2014
5. Grant of 1<sup>st</sup> Consent to Operate for (Expansion) with amalgamation of existing Consent to Operate under Red/LSI no. Format 1.0/CAC/UAN No.0000118796/CO/2202001212 Dated-19/02/2022

Respected Sir,

We have obtained Environmental Clearance Letter No. J-11011/1151/2007-IA-II(I) dated 14th March 2008 and Consent to Establish No. BO/RO (P&P)/EIC-PN-2168-08/E/CC-383 dated 16.09.2008 for Automotive Paint Factory at Jejuri, Taluka. Purandar, Dist. Pune, Maharashtra.

In compliance to the conditions stipulated in Environmental Clearance, Consent to Establish and Consent to Operate, we are submitting the Six Monthly Compliance Status Report for the period of January 2022 to June 2022 along with the desired information and documents needed for the submission as mentioned below:

1. Executive Summary
2. Data Sheet
3. Report on Compliance of Environmental Clearance Conditions
4. Report on Compliance of Conditions under Consent to Operate
5. Post Monitoring Report

We hope the above is to your satisfaction.

Thanking You,  
Yours Faithfully  
**Berger Paints India Limited, Jejuri**  
*Rahul Nalgune*  
**Rahul Nalgune**  
Factory Manager



CC to:

1. Member Secretary SEIAA, Environmental Department, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai.
2. The Member Secretary, Maharashtra Pollution Control Board, 3<sup>rd</sup> Floor, Kalpataru Point, Sion, Mumbai-400022.
3. The Regional Officer, MPCB, Pune.

**BERGER PAINTS INDIA LIMITED**

G-35, Additional Jejuri Industrial Area, MIDC, Tal. Purandar, Dist. Pune, Pin. 412303,  
Regd. Office : Berger House, 129, Park Street, Kolkata - 700 017, Phone : 2229 9724-28, 2229 6005-06, Fax : 91-33-2249 9009/9729, www.bergerpaints.com  
CIN - L51434WB1923PLC004793, E-mail : consumerfeedback@bergerindia.com

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## Six Monthly Environmental Compliance Report: January 2022 to June 2022

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**Executive Summary**  
**Six Monthly Environmental Compliance Report**

**Period: January 2022 to June 2022**

**Project: Berger Paints India Limited**

**Brief description on progress on Environment Management Component.**

**A. Authorizations:**

- Environmental Clearance issued by GoI vide Letter No. J-11011/1151/2007-IA-II(I) dated 14th March 2008 along with revalidation letter dated 11th June 2014.
- The term of Environmental Clearance is valid up to 13<sup>th</sup> March 2018
- Consent to Establish issued by Maharashtra Pollution control board vide Letter No. BO/RO (P&P)/EIC-PN-2168-08/E/CC-383 dated 16.09.2008.
- Consent to Establish (Revalidation) issued by Maharashtra Pollution control board vide Letter No. BO/AS(T)/E/EIC NO. PN-21052-14/CC-7809-A dated 01.09.2014
- Consent to Operate (Part) is issued by Maharashtra Pollution Control Board vide Letter No. BO/AST/R/EIC NO. PN-25863-15/CC-3560 dated 14.03.2016.
- Consent to Operate No: - Format 1.0/BO/AST/UAN No.0000011508/O/CC-1703000299 dated 06/03/2017. Valid up to: 31.07.2020.
- Consent to 1<sup>st</sup> operate (part) for expansion, renewal of consent to operate and amalgamation No. – Format 1.0/CAC/UAN No. 0000006497/CR-2006000747 dated 17/06/2020 Valid up to: 31.07.2025
- Grant of 1<sup>st</sup> Consent to Operate for (Expansion) with amalgamation of existing Consent to Operate under Red/LSI no. Format 1.0/CAC/UAN No.0000118796/CO/2202001212 Dated-19/02/2022

**B. Tree Plantation:**

The industry has done tree plantation as detailed below:

<b>Sr. No.</b>	<b>Particular</b>	<b>Qty</b>
1	Bakul	75
2	Ficus Bejamenia	100
3	Cassia	75
4	Bottle Palm 6 to 10 feet height	28
5	Foxtail Palm 6 to 10 feet height	20
6	Red Leaf Palm 5 feet height	4
7	Plumeria Rubra 5 feet height	4
8	Korean Lawn Pleat 2 square feet	5000
9	Acalifa 2 feet height	600
10	Tabourmontana verigated 2 feet height	800
11	Bougainvillea Miniature 2 feet height	450
12	Red Canna (Dwarf) 1 feet height	100

13	Yellow Canna (Dwarf) 1 feet height	100
14	Zepranthus Candida 0.5 feet height	150
15	Opiophogun Green 0.5 feet height	500
16	Lagerstroemia	10
17	Alstonia	10
18	Spathodea	10
19	Ficus	10
20	Chapha	4
21	Gulmohar	2
22	Acaccia Leucophloea	100
23	Aegle Marmelos	500
24	Albizia Leebeck	20
25	Azadirchta Indica	80
26	Bahunia Racemosa	200
27	Butea Monosperma	60
28	Cassia Fistula	100
29	Holarrhena Pubescence	50
30	Ixora Parviflora	2
31	Madhuca Latifolia	100
32	Mangifera Indica	80
33	Manikara Hexandra	50
34	Ptrocarpus Marsupium	120
35	Sapindus laurifolius	80
36	Sterculia Urens	150
37	Syzygium Cumini	80
38	Tectona Grandis	60
39	Termanalia Arjuna	20
40	Termanalia Bellerica	100
41	Thespesia Populnea	50
42	Dendrocalamus Strictus	30

### C. Rain Water Harvesting / Recharge :

The industry has provided rain water recharge pits at the periphery of the project area.

### D. Environmental Quality Monitoring:

The industry is carrying out detailed environmental monitoring through MoEF recognized laboratory on quarterly basis. The details of monitoring are as below:

Sr. No.	Description	Qty	Frequency
1	Ambient Air Monitoring ( New Notification) (Particulates less than 10 micron & 2.5micron, SO <sub>2</sub> ,Nox, CO, Pb, Ozone, Ammonia, Benzene, Benzo(a)pyrene particulate phase only, Arsenic, Nickel)	2	Quarterly
2	Work Room Air Monitoring (Short term – 15 min) (RSPM, SPM, SO <sub>2</sub> , Nox )	10	Quarterly
3	Stack Emission Monitoring (TPM, SO <sub>2</sub> .)	9	Quarterly
4	Ambient Noise Monitoring ( Day & Night)	2	Quarterly
5	Work zone noise monitoring	10	Quarterly
6	DG Set insertion loss	3	Quarterly
7	Illumination Monitoring	15	Quarterly
8	Ventilation Monitoring (Air Velocity)	13	Quarterly
9	Drinking water Analysis (pH, Total Dissolved Solids, Chlorides, Sulphates, Calcium, Magnesium, Total hardness, Silica, MPN, E.Coli)	1	Quarterly
10	STP [Inlet & Outlet] (TSS,pH,BOD)	1	Quarterly
11.	Workzone (VOC)	10	Quarterly

### F .Environment Management Cell:

The industry has involved consultant for carrying out day to day Environmental Compliances.

**Monitoring the Implementation of Environmental Safeguards  
Ministry of Environment & Forests, GOI**

**West Central Zone, Regional Office (WCZ), Nagpur**

**PART - I  
DATA SHEET**

**Period: January 2022 to June 2022**

1.	Project type: River - valley/ Mining / Industry / Thermal / Nuclear / Other (specify)	:	Industry(Paint Industry)
2.	Name of the project	:	New Automotive Paint Factory, Berger Paints India Limited
3.	Clearance letter ( s ) / OM No. and Date	:	Environmental Clearance issued by GoI vide Letter No. J-11011/1151/2007-IA-II(I) dated 14th March 2008 along with revalidation letter dated 11 <sup>th</sup> June 2014.  Please refer <b>Annexure - I</b> for EC letter along with revalidation of EC
4.	Location	:	
	a. District ( S )	:	Pune
	b. State ( s )	:	Maharashtra
	c. Latitude/ Longitude	:	18° 16' 44.2585" / 74° 9' 27.8716"
5.	Address for correspondence	:	
	a. Address of Concerned Project Chief Engineer ( with pin code & Telephone / telex / fax numbers	:	Name: Mr. Rahul Nalgune Designation : Factory Manager Berger Paints India Ltd, Plot No. G-35, Additional Jejuri Industrial Area, Tal. - Purandar, Dist. - Pune, Pin - 412 303 Phone No. : 02115 254816,17,18,19
	b. Address of Executive Project: Engineer/Manager ( with pin code/ Fax numbers )	:	Same as above
6.	Salient features	:	
	a. of the project	:	New Automotive Paint factory Currently operating in dry phase powder colour and wet colour making.
	b. of the environmental management plans	:	Important environmental features of the project are provision of Rain Water Recharge, Solid waste and hazardous waste management plan, Landscape development

				,Water free production process, soak pits for domestic effluent etc.																
7.	Break up of the project area		:																	
	a.	submergence area forest & non-forest	:	Not Applicable																
	b.	Others	:	<table border="1"> <tr> <td>Plot Area</td> <td>73125 sq.mtr</td> </tr> <tr> <td>Total Construction Area</td> <td>13300.82 sq.mtr</td> </tr> </table>	Plot Area	73125 sq.mtr	Total Construction Area	13300.82 sq.mtr												
Plot Area	73125 sq.mtr																			
Total Construction Area	13300.82 sq.mtr																			
8.	Break up of the project affected Population with enumeration of Those losing houses / dwelling units Only agricultural land only, both Dwelling units & agricultural Land & landless labourers/artisan		:	Not Applicable																
	a.	SC, ST/Adivasis	:	Not Applicable																
	b.	Others (Please indicate whether these Figures are based on any scientific And systematic survey carried out Or only provisional figures, it a Survey is carried out give details And years of survey)	:	Not Applicable																
9.	Financial details		:																	
	a.	Project cost as originally planned and subsequent revised Estimates And the year of price reference		Project cost as originally planned: <b>Rs. 56 Crores</b> ( as per Consent to Establish) Year of price reference : <b>2008</b>																
	1.	Total Cost of the Project	:	<b>Rs. 307.61 Crores</b>																
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	:	<p>The EMP cost for project has been calculated as per the Capital investment and Operation and maintenance cost. These cost are as follows:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>EMP Measures</th> <th>Capital Cost (RS. In Lakhs)</th> <th>O&amp;M/ Year (RS. In Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Rain Water Recharge system including storm water drainage</td> <td>-</td> <td>0.15</td> </tr> <tr> <td>2.</td> <td>Green Belt Development</td> <td>20</td> <td>1</td> </tr> <tr> <td>3.</td> <td>Environment</td> <td>1.5</td> <td>1.55</td> </tr> </tbody> </table>	Sr. No.	EMP Measures	Capital Cost (RS. In Lakhs)	O&M/ Year (RS. In Lakhs)	1.	Rain Water Recharge system including storm water drainage	-	0.15	2.	Green Belt Development	20	1	3.	Environment	1.5	1.55
Sr. No.	EMP Measures	Capital Cost (RS. In Lakhs)	O&M/ Year (RS. In Lakhs)																	
1.	Rain Water Recharge system including storm water drainage	-	0.15																	
2.	Green Belt Development	20	1																	
3.	Environment	1.5	1.55																	

				al Monitoring & Legal Compliances		
			4.	Dust Collector System	-	0.5
			5.	Sewage treatment plant	16	-
			6.	Effluent treatment plant	97.2	-
			7.	Hazardous Waste Management	02	-
	c.	Benefit cost ratio / Internal rate of Return and the year of assessment	:	Not Applicable		
	d.	Whether ( c ) includes the cost of environmental management as shown in the above.	:	Not Applicable		
	e.	Actual expenditure incurred on the project so far	:	307.61 Cr		
	f.	Actual expenditure incurred on the environmental management plans so far	:	70 Lakhs		
10.	Forest land requirement		:			
	a.	The status of approval for diversion of forest land for non-forestry use	:	Not Applicable		
	b.	The status of clearing felling	:	Not Applicable		
	c.	The status of compensatory afforestation, it any	:	Not Applicable		
	d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	:	Not Applicable		
11.	The status of clear felling in Non-forest areas (such as submergence area of reservoir, approach roads), it any with quantitative information		:	Not Applicable		
12.	Status of construction		:	Plant required for solid and liquid paint production has been built.		
	a.	Date of commencement ( Actual and/or planned )	:	Planned : 2008, Actual: 2011		



	b.	Date of completion ( Actual and/or planned )	:	Ongoing
13.		Reasons for the delay if the Project is yet to start	:	Not Applicable
14		Dates of site visits	:	
	a.	The dates on which the project was monitored by the Regional Office on previous Occasions, if any	:	Site has not yet been visited by officials of MoEF Regional Office ,Bhopal
	b.	Date of site visit for this monitoring report	:	Not Applicable
15.		Details of correspondence with Project authorities for obtaining Action plans/information on Status of compliance to safeguards Other than the routine letters for Logistic support for site visits )	:	<p>Environmental Clearance issued by GoI vide Letter No. J-11011/1151/2007-IA-II(I) dated 14th March 2008 along with revalidation letter dated 11<sup>th</sup> June 2014. Please refer <b>Annexure – I</b> for EC letter</p> <p>2. Consent to Establish is obtained from Maharashtra Pollution control board vide Letter No. BO/RO (P&amp;P)/EIC-PN-2168-08/E/CC-383 dated 16.09.2008.</p> <p>Consent to Establish (Revalidation) obtained from Maharashtra Pollution control board vide Letter No. BO/AS(T)/E/EIC NO. PN-21052-14/CC-7809-A dated 01.09.2014 Refer <b>Annexure - II</b></p> <p>3. Consent to Operate (Part) is obtained from Maharashtra Pollution Control Board vide Letter No. BO/AST/R/EIC NO. PN-25863-15/CC-3560 dated 14.03.2016. Refer <b>Annexure – III</b></p> <p>4. Consent to Operate No: - Format 1.0/BO/AST/UAN No.0000011508/O/CC-1703000299 dated 06/03/2017. Valid up to: 31.07.2020. Refer <b>Annexure – IV</b></p> <p>5. Consent to 1<sup>st</sup> operate (part) for expansion, renewal of consent to operate and amalgamation No.–Format1.0/CAC/UANNo.0000006497/CR-2006000747 dated 17/06/2020 Valid up to: 31.07.2025 <b>Refer Annexure – V</b></p>

			<p><u>6.</u> Grant of 1<sup>st</sup> Consent to Operate for (Expansion) with amalgamation of existing Consent to Operate under Red/LSI no. Format 1.0/CAC/UAN No.0000118796/CO/2202001212 Dated-19/02/2022 Refer Annexure - VI</p>
	<p>(The first monitoring report may contain the details of all the Letters issued so far, but the Later reports may cover only the Letters issued subsequently.)</p>	<p>:</p>	<p>No letter issued so far.</p>

## Expenditure made on Environment Protection Measures during last 3 years

Sr. No.	EMP Measures	2019-2020 Cost (Rs. In Lakhs)	2020-2021 Cost (Rs. In Lakhs)	2021-2022 Cost (Rs. In Lakhs)	Total Cost (Rs. In Lakhs)
1.	Rain water recharge system including storm water drainage	07	--		07
2.	Green belt development	05	7	20	32
3.	Environmental monitoring and legal compliance	1.5	1.5	1.5	4.5
4.	Dust collector system	20	--	05	25
5.	Hazardous waste management	02	5	27	34
6.	Sewage treatment plant	16	1.5	1.0	18.5
7.	Effluent treatment plant	83	8	7.2	97.2
8.	ZLD Plant	115	9.6	8.4	132.4
	<b>Total Cost</b>	<b>289.5</b>	<b>25</b>	<b>70</b>	<b>350.6</b>

**Berger Paints India Ltd.**

**Jejuri, Taluka. Purandar, Dist. Pune, Maharashtra.**

**Report on Compliance of Environmental Clearance Conditions granted vide**

Environmental Clearance granted vide letter No. SEIAA-EC-0000002358 dated 08/7/2021  
(January 2022 to June 2022)

<b>Sr. No.</b>	<b>Condition</b>	<b>Status</b>
<b>PART A – SPECIFIC CONDITIONS</b>		
i)	PP to ensure that trees of native & indigenous species are planted in plantation program.	Noted & Complied
ii)	PP to upload CER plan on his website and implement CER plan as per need based Socio Economic Survey.	Noted & Complied
iii)	PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly.	Noted & Complied
iv)	PP to carry out rain Water harvesting within factory premises	Noted & Complied
v)	PP to undertake Meyawaki plantation of native and indigenous trees in the proposed 33 % green belt as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Meyawaki experts / arborist	Noted & Complied We are enclosing herewith Meyawaki tree plantation photographs for your reference. <b>Annexure -I</b>
vi)	PP to plant 2400 no of trees instead of 800 as proposed.	Noted & Complied
vii)	PP to ensure to provide Zero Liquid Discharge Effluent Treatment Plant.	Noted & Complied
viii)	PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.	Noted & Complied
ix)	PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.	Noted & Complied
x)	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.	Noted & Complied
xi)	PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.	Noted & Complied

xii)	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions Stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).	Noted & Complied
xiii)	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensures compliance of recommendation of the Audit.	Noted & Complied
xiv)	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.	Noted
xv)	PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the	Noted& Complied
xvi)	PP to provide roof top Rain Water Harvesting facility.	Rain water recharge pits have been developed along the periphery of the project.

**PART B- GENERAL CONDITIONS :**

i)	The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>	An advertisement has been published in English as well as Marathi News Papers. Copy of the same has been attached as <b>Annexure - II.</b>
ii)	The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and Shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF& CC at Nagpur, on 1stJune & 1sr December of each calendar year.	Noted and complied. Monitoring reports have been attached as <b>Annexure -III.</b>
iii)	Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.	Noted and complied.

iv)	A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.	A separate Environmental Management Cell for Environmental Management and Monitoring has created.
v)	In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.	Noted
vi)	PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.	Noted
vii)	PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are Dry all the time and in no case the effluent shall mix with the storm water drain.	Noted and complied
viii)	Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	NA
IX)	The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.	Noted and complied.
X)	Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak Detection system shall be installed for early detection and mitigation purpose.	Noted and complied.
Xi)	PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.	Noted and complied.
Xii)	The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to Be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.	We regularly submitted Environment statement report to Maharashtra Pollution Control Board. Environment statement report have been attached as <b>Annexure -IV</b> .

## Report on Compliance of Conditions under Consent to Operate

**Consent No: -Format 1.0/CAC/UAN No.0000118796/CO/ – 2202001212 dated-19/02/2022**

**Period: January 2022 to July 2022**

1. Valid up to: 31.07.2025
2. Capital Investment: Rs. 307.61 Crs (Existing 112.5+ Increase in C.I. 195.11 Cr).

Sr. No.	Conditions						Compliance		
3.	The Consent is valid for the manufacture of-								
	1.Solid Paint( By blending & mixing process only): 575 MT/M						<b>230 MT /M</b>		
	<b>3. Liquid Paints (Solvent based) : 4050 KL/M</b> <b>First Consent to Operate (Expansion) with amalgamation of existing Consent to Operate under Red /LSI</b>						<b>1423 MT/M</b>		
	3.Resin for intermediate ( Captive consumption):2750 KL/M						<b>662 KL/M</b>		
4.	Conditions under Water (P&CP) Act 1974 for discharge of effluent								
	1.The quantity of Trade Effluent shall be: <b>50 CMD</b>						Provided ETP		
	2. The quantity of Domestic Effluent shall not exceed : <b>20 CMD</b>						Provided STP with MBBR technology.		
5.	Conditions under Air(P&CP) Act, 1981 for Air emissions								
	1.Thermic fluid heater: 4 Nos :- No of stack 02						Noted and complied		
	2. Steam Boiler:- 02 Nos No of stack 01						Noted and complied		
	3.Solid power vent section:1						Noted and complied		
	4.DG Set (1250 KVA:- 02 nos : Nos of stack: 2						Noted and complied		
	5.Venturi scrubber:1						Noted and complied		
	6.Process vent (Dust Collector)2						Noted and complied		
	Sr	Types of Waste	Quantity	UoM	Actual Qty	Treatment	Disposal		
	1	Masks &Gloves	0.9	MT/A	0.014 MT/M	NA	Sale to Auth. party/recycler/CH WTSDF	Noted and complied	
	2	Cotton waste	3.4	MT/A	0.282 MT/M	NA	Sale to Auth. party/recycler/CH WTSDF	Noted and complied	
6.	Conditions under Hazardous and Other Waste (M&TM) Rules, 2016 for treatment and disposal of hazardous waste:								
	Sr. No.	Type of Waste	Category	Quantity	UO M	Actual quantity Avg. (Cons. Last six month)	Treatment	Disposal	Compliance

	1.	Used/ Spent oil	5.1	2.45	MT/ A	--	Recycle	Sale to Auth. Party/Re-processor	Noted and will be complied
	2.	Spent solvent	20.2	411.68	MT/ A	368 MT	Recycle	CHWTSDF	Noted and will be complied
	3.	Distillation residue	20.3	85	MT/ M	32.23 MT	Incineration	CHWTSDF	Noted and be complied
	4.	Empty barrels/container/liners contaminated with hazardous chemicals/ waste	33.1	2.94	MT/ A	1.8 MT	Recycle	CHWTSDF	Noted and will be complied
	5.	Exhaust air or gas cleaning residue	35.1	51.46	MT/ A	33.45 MT	Secured landfill	CHWTSDF	Noted and will be complied
	6.	Chemical sludge from waste water treatment	35.3	1.23	MT/ A	2.02 MT	Secured landfill	CHWTSDF	Noted and will be complied
	7.	Process waste residues and sludges	21.1	38.5	MT/ A	10.95 MT			Noted and complied
7.	The board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.								
8.	This consent should not be construed as exemption from obtaining necessary NOC/permission from any other government authorities.								
9.	This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format/CAC/UAN No. 0000086497/CR-2006000747 dated 17/6/2020								
10.	The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEIAA-EC-0000002358 dated 08/7/2021							Noted and complied.	
11.	The applicant shall not carry out excess production or produce new product without Consent to Operate of the Board and without obtaining Environmental Clearance, Wherever it requires.							Noted.	
12.	Industry shall obtain necessary permissions of Director of Industrial Safety and Health Department (DISH)							Noted	
13.	The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.							Noted	
14.	This consent is issued as per the minutes of 9th Consent Appraisal Committee meeting held on 25/1/2022								
	<b>Schedule – I: Terms &amp; conditions for compliance of Water Pollution Control:</b>								
1.A]	As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 50.00 CMD consisting of Primary (Collection tank, Neutralization tank, Flash mixer,							Noted and complied.	



	Primary Clarifier/Primary Settling Tank),Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter, Ultra Filtration), Advanced treatment (Reverse osmosis, Multi effective evaporator) for the treatment of 28 CMD of trade effluent.																											
	The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.	Noted and complied																										
2.	As per your application , you have provided Sewage Treatment Plant of designed capacity 20 CMD with MBBR technology for the treatment of 7 CMD	Noted and complied.																										
	B) The applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards / prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent. 1. Suspended Solids: Shall not exceed : 100mg/L 2. BOD 3 days 27°C: Shall not exceed: 30 mg/L 3.COD °C: Shall not exceed: 100 mg/L	Noted and complied. Provided STP																										
	C) The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside factory premises	Noted and complied.																										
4.	The Board reserves its right to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The applicant shall obtain prior consent of the board to take steps to establish the unit or establish any treatment and disposal system or extension or addition thereto.																											
5.	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.																											
6.	The industry shall install water meters for consuming water as follows:																											
	<table border="1"> <thead> <tr> <th>Sr No</th> <th>Purpose of water consumed</th> <th>Water consumption quantity (CMD)</th> <th>Actual quantity</th> <th>Compliance</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Industrial Cooling, spraying in mine pits or boiler feed</td> <td>139.0</td> <td>81.5</td> <td rowspan="5">Noted and complied. (Avg. Cons. Last six month (103 CMD))</td> </tr> <tr> <td>2.</td> <td>Domestic Purpose</td> <td>10.00</td> <td>10.0</td> </tr> <tr> <td>3.</td> <td>Processing whereby water gets polluted &amp; pollutants are easily biodegradable</td> <td>7.50</td> <td>3.5</td> </tr> <tr> <td>4.</td> <td>Processing whereby water gets polluted &amp; pollutants are not easily biodegradable and are toxic</td> <td>0.0</td> <td>0.0</td> </tr> <tr> <td>5</td> <td>Others and Gardening purpose</td> <td>49</td> <td>8</td> </tr> </tbody> </table>	Sr No	Purpose of water consumed	Water consumption quantity (CMD)	Actual quantity	Compliance	1.	Industrial Cooling, spraying in mine pits or boiler feed	139.0	81.5	Noted and complied. (Avg. Cons. Last six month (103 CMD))	2.	Domestic Purpose	10.00	10.0	3.	Processing whereby water gets polluted & pollutants are easily biodegradable	7.50	3.5	4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.0	0.0	5	Others and Gardening purpose	49	8	
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5	Others and Gardening purpose	49	8																									

7.	The applicant shall provide specific water pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time .	
8.	Guidelines for storm-water	
I.	Storm water for a plant, a unit (having plot size at least 250 square meters) shall not be allowed to mix with scrubber water, effluent and/or floor washings.	Noted and shall be complied
II.	Storm Water within battery limits of a unit shall be channelized through separate drain or pipe passing through a high density poly ethylene lines pit having holding capacity of 10 minutes(Hourly average) of rainfall.	Noted and shall be complied

**Schedule-II : Terms & conditions for compliance of Air Pollution Control:**

1.	Sr. No.	Stack attached to	APC System	Height in Mtrs	Type of Fuel	Quantity &UoM	Actual Qty (Avg)	S%	SO <sub>2</sub> K g/Da y	Compliance
	1.	Thermic Fluid Heaters (4 Nos.)	Stack	30.0	LDO	29Kg/Hr	29.01 KL/M	1.80	25	Noted and complied
	2.	Boiler (4 Nos.)	Stack	30.0	LDO	29Kg/Hr		1.80	25	
	3.	Solid powder vent section.	In built dust collector	5.0 (above the roof)	N.A.	---	---	---	---	
	4.	DG Set (180 KVA)	Acoustic enclosure	30.0	HSD	40 Kg/Hr	3.8 KL/M	1.00	19	
	5.	DG Set (1250 KVA)	Acoustic enclosure	30.0	HSD	250 Kg/Hr		1.00	120	
	6.	Venturi scrubber	Venturi scrubber	30.0	N.A.	---	---	---	---	

As per your application, you have provided the Air Pollution Control (APC) System and also erected following stack(s) and to observe the following fuel patterns.

I.	All the dust generating equipment or process shall be provided with dust extraction arrangement.	
II.	The bag houses etc. shall be connected to chimneys or stack of twelve meter height or at least two meters above the top most point of the building, shed or the industry, which so ever is higher.	
III.	The unit shall channelize shop floor or fugitive emission through a stack of twelve meter above the top most point of the building for shed or plant in the industry, which so ever is higher.	
2.	The applicant shall provide specific Air Pollution Control equipment's as per the conditions of EP Act, 1986 and rule made there under from time to time.	Noted and complied
4.	The applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation	Noted and shall be complied

	of thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.						
5.	The board reserves its rights to vary all or any of the conditions in the consent, if due to any technological improvement or otherwise such variation ( including the change of any control equipment, either in whole or in part as necessary).						
6.	Guidelines for Solvent losses						
	i) The total losses of solvent should not be more than 5 % of the Solvent consumed , if solvent consumption less than 1000 tons /Annum and		Noted and shall be complied				
	ii) The solvent loss should not be more than 3% of the solvent consumed , if solvent consumption greater than 1000 /tons/Annum		Noted and shall be complied				
<b>Schedule-III: Details of Bank Guarantees</b>							
	Sr. No.	Consent (C to O)	Amt of BG imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
	1.	C to O	25 Lakh	Existing	Towards O&M of pollution control systems compliance of consent to operate	31.7.2025	30.11.2026
<b>Schedule-IV: General Conditions</b>							
1.	The energy sources for lighting purpose shall preferably be LED based		Noted and complied.				
2.	The PP shall harvest rain Water from the roof tops of the building and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant.		Noted and shall be complied				
3.	Conditions for D.G.Set						
	a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.		Noted and complied.				
	b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure / acoustic treatment of the room should be designed for minimum 25 dB(A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 db(A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.		Noted and complied				
	c. Industry should make efforts to bring down noise level due to DG Set, outside industrial premises, within ambient noise requirements by proper siting and control measures.		Noted and complied				
	d. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.		Noted and complied				
	e. A proper routine and preventive maintenance procedure for DG Set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.		Noted and complied				
	f. DG set shall be operated only in case of power failure.		Noted and complied				

	g. The applicant should not cause any nuisance in the surrounding are due to operation of DG Set.	Noted and complied
	h. The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.	Noted and complied
4.	The applicant shall maintain good housekeeping.	Noted and complied
5.	The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.	Noted and complied
6.	The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment's provided for without previous written permission of the board. The industry will not carry out any activity, for which this consent has not been granted / without prior consent of the board.	Noted and shall be complied.
7.	The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.	Noted and shall be complied
8.	The industry shall submit quarterly statement in respect of industries obligation towards the consent and pollution control compliances duly supported with documentary evidences	Noted and shall be complied
9.	The industry shall submit official e-mail address and any change will be duly informed to the MPCB.	Noted and complied
10.	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.	Noted and complied.
11.	The Board reserves its right to review plans , specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof and the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions . The applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto	Noted and shall be complied
12.	The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof	Noted and shall be complied
13.	THE PP shall provide the Personal Protection Equipment as per norms of Factory act.	Noted and shall be complied
14.	Industry should monitor effluent quality, stack emissions and ambient air quality monthly / quarterly.	Noted and complied
15.	Whenever due to any accident or other unforeseen act or even, such emission occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.	Noted and shall be complied
16.	The applicant shall provide an alternate electric power source sufficient to	Noted and shall be complied

	operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.	
17.	The industry shall recycle / reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW& Other Waste (M &TM ) Rules 2016, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site / environment.	Noted and shall be complied. Obtained membership of CHWTSDF. <b>Annexure –B-I.</b>
18.	An inspection book shall be opened and made available to the boards officers during their visit to the applicant.	Noted and shall be complied
19.	Industry shall strictly comply with the water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ( <a href="http://www.mpcb.gov.in">www.mpcb.gov.in</a> ).	Noted and complied
20.	Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designated and provided collection system.	Noted and will be complied
21.	.Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.	Noted and will be complied
22.	The industry should not cause any nuisance in surrounding area.	Noted and shall be complied
23.	The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.	Noted and complied
24.	The industry shall constitute an Environmental Cell with qualified staff/personnel/agency to see day to day compliance of consent condition towards Environment Protection.	Involved consultant for compliance of consent conditions
25.	The applicant shall provide ports in the chimney(s) and facilities such as ladder, platform etc. monitoring the air emissions and the same shall be open for inspection to/and for use of the Boards Staff. The chimney(s) vents attached to various sources of emissions shall be designated numbers such as S-1, S-2 etc. and these shall be painted / displayed to facilitate identification.	Noted and complied.
26.	The industry should comply with the Hazardous Waste& Other Waste (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 5(6)& 22(2) of Hazardous Wastes (M& TM) Rules 2016, for the preceding year April to March in Form-IV by 30 <sup>th</sup> June every year.	Submitted Hazardous waste returns dated 15-06-2021. <b>Annexure –B-II</b>
27.	The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.	Noted and will be complied

28.	The applicant shall bring minimum 33 % of the available open land under green coverage plantation. The applicant shall submit a yearly statement by 30 <sup>th</sup> September every year on available open plot area, number of trees surviving as on 31 <sup>st</sup> March of the year and number of trees planted by September end, with the Environment Statement.	Green belt development has been undertaken for compliance of this condition. Number of trees planted till now attached as <b>Annexure – B-III</b> .
29.	The Board reserves its right to review plans , specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof and the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions	Noted and shall be complied
30.	The firm shall submit to this office, the 30 <sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31 <sup>st</sup> March in the prescribed Form –V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.	Submitted ESR dated 30-09-2021.
31.	The applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement /alteration well before its life come to an end or erection of new pollution control equipment.	Noted and shall be complied
32.	The Board reserves its rights to vary all or any of the condition in the consent , if due to any technological improvement or otherwise such variation (Including the change of any control equipment , other in whole or in parts is necessary).	Noted and shall be complied
33.	The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.	Noted and complied



भारत सरकार  
पर्यावरण एवं वन विभाग  
Government of India  
Ministry of Environment & Forests  
(IA Division)

Paryavaran Bhawan  
CGO Complex, Lodhi Road  
New Delhi - 110 003  
E-mail: [hmalviya@gmail.com](mailto:hmalviya@gmail.com)  
Telephone: 011: 2436 7076

F. No. J-11011/1151/2007-IA-II(I)

Dated : March 14, 2008

To

M/S Berger Paints India Ltd  
Jejuri, Taluka- Purandar,  
District Pune,  
Maharashtra

[thanc@mahabal.com](mailto:thanc@mahabal.com)

Sub : New Automotive Paint Factory at Jejuri, Taluka- Purandar, District Pune, Maharashtra by M/S Berger Paints India Ltd - Environmental Clearance reg.

Sir,

This has reference to your letter no. Nil dated 22<sup>nd</sup> October, 2007 alongwith Form-I, Project Report, details of raw material, manufacturing process, solvent/fuel consumption and list of equipments seeking environmental clearance under the Environment Impact Assessment Notification, 2006 and subsequent correspondence vide your letters dated 12<sup>th</sup> February, 2008.

2 The Ministry of Environment and Forests has examined the application. It is noted that proposal is for environmental clearance for setting up of new Automotive Paint Factory at Jejuri, Taluka- Purandar, District Pune, Maharashtra by M/S Berger Paints India Ltd. The total area acquired by the company is 22.6 acres. The total cost of the project will be Rs. 40 Crores. The capacity of the plant in first phase will be 500 KL/Month of paint production based on two shifts with a future provision of 1000 KL/Month.

3. For control of emission from manufacturing process the Fume Extraction System (FES) will be installed. Dust collectors will be provided in premixing section for control of particulate emissions. The water requirement of the plant will be 55 KLD and sourced from ground water. The company has proposed the full-fledged effluent treatment plant to achieve the BOD value of 30 mg/litre. The treated effluent will be partially utilized for gardening purposes and maintenance of greenbelt and rest will be recycled for process and other purposes. Zero discharge condition will be maintained.

4. The integrated paint manufacturing units are listed at para 5 (h) of schedule of EIA Notification, 2006 under 'B' Category and should be appraised at SEIAA level but in absence of the same in State of Maharashtra the proposal was considered and appraised at central level. The public hearing is not required as per para 7(i) III Stage (3) of EIA Notification, 2006 as the plant is located within the notified MIDC industrial area.

5. Based on the information submitted by you, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006 subject to the compliance of the following Specific and General conditions:

**A SPECIFIC CONDITIONS :**

- i) The project authorities shall ensure periodical monitoring of the solvents like Xylene and Toluene. No Benzene shall be used in the process.
- ii) The project authorities shall provide vents with condensers to control solvent emissions and recover the same. The recovery of the solvents shall not be less than 98%.
- iii) The gaseous emissions (SO<sub>2</sub>, NO<sub>x</sub>, HCl, Toluene, xylene, butane) and particulate matters from various process units shall conform to the standards prescribed by the concerned authorities from time to time and monitoring report shall be submitted to the Ministry's Regional Office, CPCB and MPCB. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- iv) The company shall provide the monitoring arrangement with vents and regular monitoring shall be carried out and reports submitted to the SPCB, CPCB and Ministry's Regional Office at Bhopal.
- v) Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by GPCB. For control of fugitive emission and VOCs following steps shall be followed :
  - A. Closed handling system shall be provided for chemicals
  - B. Reflux condenser shall provided over reducer
  - C. Chemical handling pump shall be provided mechanical seals to prevent leakages
  - D. System of leak detection and repair of pump/pipeline based on preventive maintenance.
  - E. Chemicals shall be taken to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.





- vi) During transfer of materials spillages shall be avoided and gulland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.
- vii) The project authorities shall install acoustic enclosures to the DG Sets for noise control and the stack heights of DG Sets and thermic fluid heaters shall be as per the guideline of CPCB.
- viii) Total water requirement shall not exceed 55 m<sup>3</sup>/d. A full fledged treatment plant shall be installed for treatment of the wastewater to achieve the standards prescribed by the State Pollution Control Board. The treated wastewater shall be reused and zero discharge condition shall be maintained.
- ix) The project authorities shall store ETP sludge in leachate proof storage facility at site and shall be incinerated. The incinerator shall provided with the necessary air pollution control equipment and monitoring arrangement.
- x) The project authorities shall obtain prior permission for the drawl of ground water from State Ground Water Board (SGWB) / Central Ground Water Authority (CGWA) before commissioning of any activity at the site. The copy of permission letter shall be submitted to Ministry's Regional Office at Bhopal.
- xi) The company shall develop 33% of the total area as green belt as per the CPCB guidelines to mitigate the effect of fugitive emissions.
- xii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

**B. GENERAL CONDITIONS :**

- (i) The project authorities shall strictly adhere to the stipulations made by the state government, State Pollution Control Board and any other statutory body.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.



- (iv) Levels of HC and VOC at various probable locations in the ambient air will be monitored. Regular monitoring of HC and VOC may be carried out in the ambient air in and around the plant.
- (v) The locations of ambient air quality monitoring stations shall be reviewed in consultation with the State Pollution Control Board (SPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.
- (vi) Dedicated scrubbers and stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents. The scrubbed water shall be sent to ETP for further treatment.
- (vii) All the storage tanks will be under negative pressure to avoid any leakages. Breather valves, N<sub>2</sub> blanketing and secondary condensers with brine chilling system shall be provided for all the storage tanks to minimize vapour losses. All liquid raw material shall be stored in storage Tanks and Drums.
- (viii) The company shall undertake following Waste Minimization measures.
- Metering and control of quantities of active ingredients to minimize waste.
  - Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - Use of automated filling to minimize spillage.
  - Use of "Closed Feed" system into batch reactors.
  - Venting equipment through vapour recovery system.
  - Use of high pressure hoses for equipment cleaning to reduce wastewater generation.
- (ix) The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
- (x) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (xi) The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.

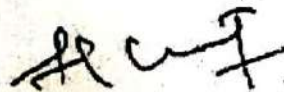
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- (xii) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval.
- (xiii) The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.
- (xiv) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xv) The project authorities shall earmark adequate funds to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- (xvi) The implementation of the project vis-a-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.
- (xvii) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- (xviii) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

6 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

7 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

8 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 Hazardous Wastes




(Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
(H.S. Malviya)  
Joint Director

Copy to:

1. The Secretary, Department of Environment and Forests, Govt. of Maharashtra, Mumbai - 400 001, Maharashtra.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, Link Road No.3, E - 5, Arera Colony, Bhopal - 462 016, M.P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Maharashtra Pollution Control Board, Shri Chatrapati Shivaji Maharaj Municipal Market Building, 4<sup>th</sup> Floor, Mata Ramabai Ambedaker Road, Mumbai - 400 001, Maharashtra.
5. Adviser IA(II), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.

  
(H.S. Malviya)  
Joint Director



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: July 8, 2021

To,  
**M/S. BERGER PAINTS INDIA LIMITED**  
at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State

**Subject:** Environment Clearance for Environment Clearance for: Expansion of Integrated Paint Plant at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 194th Day-3th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 220th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category 5 (H) B as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

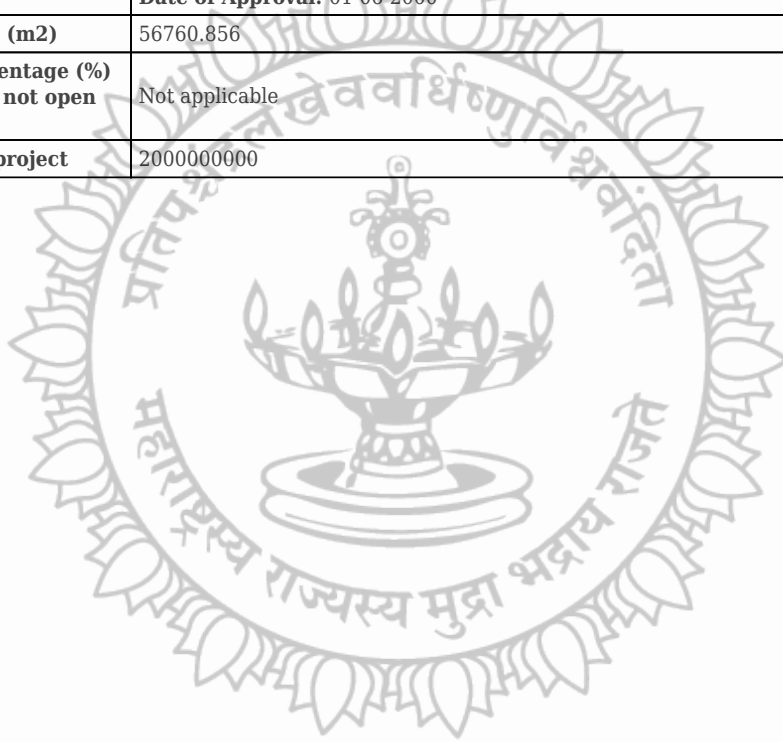
1.Name of Project	Environment Clearance for: Expansion of Integrated Paint Plant at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State
2.Type of institution	Private
3.Name of Project Proponent	M/S. BERGER PAINTS INDIA LIMITED
4.Name of Consultant	KADAM ENVIRONMENTAL CONSULTANTS, VADODARA, GUJARAT
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	EXPANSION
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NO
8.Location of the project	Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State
9.Taluka	PURANDHAR
10.Village	JEJURI
Correspondence Name:	Mr. Narayan S. shinalkar
Room Number:	804
Floor:	3RD FLOOR
Building Name:	804, windfall, sahar plaza, J B nagar
Road/Street Name:	ANDHERI KURLA ROAD
Locality:	ANDHERI (EAST)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Other Area- Industrial Estate
12.IOD/IOA/Concession/Plan Approval Number	NOT APPLICABLE IOD/IOA/Concession/Plan Approval Number: NOT APPLICABLE Approved Built-up Area: 57143.07

**SEIAA Meeting No: 220 Meeting Date: May 14, 2021 ( SEIAA-STATEMENT-000003592 )**  
**SEIAA-MINUTES-000003375**  
**SEIAA-EC-000002358**

Page 1 of 13

**Manisha Patankar Mhaiskar (Member Secretary SEIAA)**

13.Note on the initiated work (If applicable)	NOT APPLICABLE
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC,Jejuri
15.Total Plot Area (sq. m.)	73125
16.Deductions	2173.93
17.Net Plot area	70951.07
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 01-06-2000
19.Total ground coverage (m2)	56760.856
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	2000000000



# Government of Maharashtra

*M. Patankar*

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	liquid solvent based paints	9000	39600	48600
2	resin	6000	27000	33000
3	solid color	3000	3900	6900

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	MIDC
	Fresh water (CMD):	231
	Recycled water - Flushing (CMD):	7
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	308
	Fire fighting - Underground water tank(CMD):	NIL
	Fire fighting - Overhead water tank(CMD):	1200 KL
	Excess treated water	NIL
<b>Wet season:</b>	Source of water	MIDC
	Fresh water (CMD):	231
	Recycled water - Flushing (CMD):	7
	Recycled water - Gardening (CMD):	31
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	308
	Fire fighting - Underground water tank(CMD):	NIL
	Fire fighting - Overhead water tank(CMD):	1200 KL
	Excess treated water	NIL
<b>Details of Swimming pool (If any)</b>	Not applicable	

## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	2	0	2	2	0	2	7	0	7
Industrial Process	0	7.5	7.5	0	3.5	3.5	0	4	4
Cooling tower & thermopack	24	115	139	20	106	126	4	10	14
Gardening	19	1	20	19	1	20	0	0	0
Fresh water requirement	55	176	231	43	166	209	24	16	40

<b>25.Rain Water Harvesting (RWH)</b>	<b>Level of the Ground water table:</b>	It ranges from 15 to 20 m bgl
	<b>Size and no of RWH tank(s) and Quantity:</b>	01 Nos Size at the top(17.8 mtr x 15.0 mtr ) size at bottom (6.4 mtr x 3.6 mtr)
	<b>Location of the RWH tank(s):</b>	location is on layout map
	<b>Quantity of recharge pits:</b>	One Rain Water Harvesting Pond
	<b>Size of recharge pits :</b>	6.4 mtr x 3.6 mtr
	<b>Budgetary allocation (Capital cost) :</b>	-
	<b>Budgetary allocation (O &amp; M cost) :</b>	-
	<b>Details of UGT tanks if any :</b>	U/G storage tank: 2 nos. , 100KL & 60 KL

<b>26.Storm water drainage</b>	<b>Natural water drainage pattern:</b>	towards SW direction
	<b>Quantity of storm water:</b>	-
	<b>Size of SWD:</b>	2m depth x 1.2 width



<b>27.Sewage and Waste water</b>	<b>Sewage generation in KLD:</b>	10 KLD after proposed expansion
	<b>STP technology:</b>	MBBR technology
	<b>Capacity of STP (CMD):</b>	1 no.; capacity:20 KLD
	<b>Location &amp; area of the STP:</b>	Near ETP, area: 20 m2
	<b>Budgetary allocation (Capital cost):</b>	20 Lakh
	<b>Budgetary allocation (O &amp; M cost):</b>	200 Rs/Day



# Government of Maharashtra

*Manisha Patankar Mhaiskar*

**Manisha Patankar Mhaiskar (Member Secretary SEIAA)**

## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	No construction activities are involved hence such waste generation is not envisaged
	<b>Disposal of the construction waste debris:</b>	No construction activities are involved hence generation and disposal of such wastes is not envisaged
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	NOT APPLICABLE
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Chemical sludge from waste water treatment 1.23 MTPA, Used Oil/Spent oil 2.45 MTPA, Spent Solvent 411.68 MTPA. Process waste, residue, sludge 123.50, Discarded container/drum/liner 2.94 MTPA, Bag Filter and Dust collector Residue 51.46 MTPA
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	1 kg/day
	<b>Others if any:</b>	Boiler ash: total 96 MT per Month
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	sale to scrap dealer
	<b>Wet waste:</b>	Not Applicable
	<b>Hazardous waste:</b>	Sent to to CHWTSDF for landfilling & Sale to Authorised recycler
	<b>Biomedical waste (If applicable):</b>	Not Applicable
	<b>STP Sludge (Dry sludge):</b>	as manure for gardening
	<b>Others if any:</b>	Sale to cement/ brick manufacturing
<b>Area requirement:</b>	<b>Location(s):</b>	location is on layout map
	<b>Area for the storage of waste &amp; other material:</b>	22.6 acre
	<b>Area for machinery:</b>	67200 m2 Processing area
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	200 CRORE
	<b>O &amp; M cost:</b>	-

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## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	PH	-	6.6	7.3	5.5-9.0
2	OIL AND GREASE	MG/L	10	<0.1	MAX 10
3	BOD	MG/L	1117	14	MAX 100
4	TDS	MG/L	1130	260	MAX 2100
5	SUSPENDED SOLID	MG/L	572	11	MAX 100
6	COD	MG/L	3192	40	MAX 250
7	CHLORIDE	MG/L	15	11.8	MAX 600
Amount of effluent generation (CMD):		65			
Capacity of the ETP:		85 & 20			
Amount of treated effluent recycled :		101			
Amount of water send to the CETP:		NOT APPLICABLE			
Membership of CETP (if require):		Already member of CETP			
Note on ETP technology to be used		as per PFR and Annexure of form 1			
Disposal of the ETP sludge		packed in bags and sent to CHW-TSDF Site at MIDC, Taloja.			

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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from waste water treatment	35.3	MTPA	0.23	1	1.23	CHWTSDF site
2	Used Oil/Spent oil	5.1	MTPA	0.45	2	2.45	Sale to authorised recycler
3	Spent Solvent	20.2 21.2	MTPA	75.68	336	411.68	Recycling In-house
4	Process waste, residue, sludge	20.3 21.2	MTPA	22.7	100.8	123.5	CHWTSDF site
5	Discarded container/drum/liner	33.1	MTPA	0.54	2.4	2.94	CHWTSDF site
6	Bag Filter and Dust collector Residue	35.1	MTPA	9.46	42	51.46	CHWTSDF site
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	DG SET	HSD 1200 KVA	3	30	400	<100 deg C	
2	DG SET	HSD 180 KVA	2	30	400	<100 deg C	
3	DG SET	HSD 1250 KVA	2	30	400	<100 deg C	
4	STEAM BOILER	850 KG/HR	4	30	400	<100 deg C	
5	THERMIC FLUID HEATER	20 LAC KCAL/HR	1	3.5	700	<100 deg C	
6	THERMIC FLUID HEATER	15 LAC KCAL/HR	1	3.6	700	<100 deg C	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	HSD FOR BOILER (LT/HR)	29	140.24	169.24			
2	HSD FOR DG SET (LT/HR)	145	145	290			
3	HSD FOR THERMIC FLUID HEATER (LT/HR)	-	328	328			
33.Source of Fuel		HSD:HPCL, Loni Depot; Vendor Not Finalized					
34.Mode of Transportation of fuel to site		by road tankers, trucks					
35.Energy							

<b>Power requirement:</b>	<b>Source of power supply :</b>	Maharashtra Electricity Supply Board (MESB)
	<b>During Construction Phase: (Demand Load)</b>	NIL
	<b>DG set as Power back-up during construction phase</b>	NOT APPLICABLE
	<b>During Operation phase (Connected load):</b>	9067 KVA
	<b>During Operation phase (Demand load):</b>	1350 KVA
	<b>Transformer:</b>	1600 KVA 02 nos
	<b>DG set as Power back-up during operation phase:</b>	The DG sets (1250 KVA - 2, 180 KVA 1, .) are available in plant as a backup source in case of power failure
	<b>Fuel used:</b>	HSD
	<b>Details of high tension line passing through the plot if any:</b>	NO

**Energy saving by non-conventional method:**

-

**36.Detail calculations & % of saving:**

Serial Number	Energy Conservation Measures	Saving %
1		NOT APPLICABLE

**37.Details of pollution control Systems**

Source	Existing pollution control system	Proposed to be installed
AIR	Wet scrubber, Carbon filter, Dust collector, Stack with adequate height	not required
Water	ETP, STP	adequate size of ETP and STP for additional pollution load
NOISE	Acaoustic Enclosours	No additional DG sets
SOLID WASTE	Membership with CHW-TSDF , Taloja	will be covered in same the membership

<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	-
	<b>O &amp; M cost:</b>	-

**38.Environmental Management plan Budgetary Allocation**

**a) Construction phase (with Break-up):**

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	-	NOT APPLICABLE	NOT APPLICABLE

**b) Operation Phase (with Break-up):**

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
---------------	-----------	-------------	--------------------------	---

1	AIR	Installation of two new stacks of height 30 m for boilers	30.00	-
2	AIR	Installation of Existing air pollution equipment	119.00	0
3	AIR	Existing flue gas and process stacks	92.00	0
4	Water Pollution Control	existing ETP & STP -	-	6.20

### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Liquid paint (solvent based)	Liquid	R.M.storage within plant premises	Container 1lt, 4lt, 10lt, 20lt, 200lt	2000 kl	-	supplier from various part of India	Drum & barrel
Resin (intermediate for captive consumption)	Resin	R.M.storage within plant premises	Medium Storage Tank	-	-	supplier from various part of India	STORAGE TANK
Solid color (Powder Coating)	solid	R.M.storage within plant premises	Box 10kg, 15kg, 20kg	250 MT	-	supplier from various part of India	BOX

### 40.Any Other Information

No Information Available

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	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not applicable
	<b>Category as per schedule of EIA Notification sheet</b>	5 (H) B
	<b>Court cases pending if any</b>	Not applicable
	<b>Other Relevant Informations</b>	Not applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	Yes
	<b>Date of online submission</b>	25-06-2019

**3. The proposal has been considered by SEIAA in its 220th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	(1) PP to ensure that trees of native & indigenous species are planted in plantation program.
<b>II</b>	(2) PP to upload CER plan on his website and implement CER plan as per need based Socio Economic Survey .
<b>III</b>	(3) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly.
<b>IV</b>	(4) PP to carry out rain Water harvesting within factory premises.
<b>V</b>	PP to undertake Miyawaki plantation of native and indigenous trees in the proposed 33 % green belt as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
<b>VI</b>	PP to plant 2400 no of trees instead of 800 as proposed.
<b>VII</b>	PP to ensure to provide Zero Liquid Discharge Effluent Treatment Plant.
<b>VIII</b>	PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
<b>IX</b>	PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
<b>X</b>	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
<b>XI</b>	PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
<b>XII</b>	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
<b>XIII</b>	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
<b>XIV</b>	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
<b>XV</b>	11. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste , not less than 50 % of the total fuel requirement to the boiler.
<b>XVI</b>	12. PP to provide roof top Rain Water Harvesting facility.

**General Conditions:**

I	I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a>
II	II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.
III	III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.
IV	IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.
V	V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.
VI	VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.
VII	VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.
VIII	VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
IX	IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.
X	X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.
XI	XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.
XII	XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

# Government of Maharashtra



4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.


6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Manisha Patankar Mhaiskar (Member Secretary SEIAA)

**Copy to:**

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER PUNE
6. MUNICIPAL COMMISSIONER SATARA
7. REGIONAL OFFICE MPCB PUNE
8. REGIONAL OFFICE MIDC PUNE
9. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
10. COLLECTOR OFFICE PUNE
11. COLLECTOR OFFICE SATARA
12. COLLECTOR OFFICE SOLAPUR



# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781  
/4037124/4035273  
Fax : 24044532/4024068 /4023516  
Email : cac-cell@mpcb.gov.in  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion-Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema,  
Near Sion Circle, Sion (E),  
Mumbai - 400 022

Consent order No. Format 1.0/BO/CAC-Cell/UAN No. 0000042777/E/5<sup>th</sup>CAC- (811001371)  
Date: 29/11/2018

To,

M/s Berger Paints India Ltd.,  
Plot No. G-35, MIDC Jejuri, Village Jejuri,  
Tal. Purandar, Dist. Pune - 412 303.

Subject: Grant of Consent to Establish for proposed expansion under Red/LSI category.

- Ref:
1. Previous Consent granted vide no. Format 1.0/BO/AST/UAN No. 0000011508/O/CC-1703000299 dtd. 06/03/2017 valid upto 31/07/2020.
  2. Minutes of Consent Appraisal Committee meeting held on 17/09/2018.

Your application UAN No. 0000042777

Dated: 15/02/2018

For: Grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974; under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The Consent to Operate is granted for a period up to commissioning of the unit or up to 5 year i.e. up to 30/09/2023 whichever is earlier.
2. The capital investment of the industry is Rs. 120.88 Crs [Existing - Rs. 33.88 Crs + Proposed expansion - Rs. 87 Crs] as per C.A. certificate submitted by industry.
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity & UoM
1	Solid Paint (By Blending & Mixing Process only)	75 MT/M
2	Resin for intermediate (Captive consumption)	500 MT/M
3	Liquid Paint (Solvent Based)	350 KL/M

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	9	As per Schedule -I	Applied on land for gardening

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler	8	As per Schedule -II
2.	Process Vent	1	As per Schedule -II
1.	D.G. Sets (180 KVA & 1,250 KVA)	2	As per Schedule -II

6. Conditions under Hazardous & Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used/ Spent oil	5.1	0.3	MT/A/A	---	Sales to Auth. Party/ Recycler
2	Wastes & residues	21.1	7,440	Kg/A	---	CHWTSDF
3	Discarded Containers/ Barrels/ Liners	33.1	As actual	MT/A	---	CHWTSDF
4	Cotton waste	33.2	0.155	MT/A	---	CHWTSDF
5	Mask & Hand Gloves		0.06	MT/A	---	

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
9. Industry shall obtain amendment in Environmental Clearance within 3 months.
10. Industry shall make provision for VOC monitoring.
11. Industry shall submit the BG of Rs 5 lakhs towards compliance of Environmental Clearance & Consent to establish conditions.
12. This Consent is issued as per Board's Office Order vide letter No. MPCB/CH/ 2018/11 dtd. 26/11/2018.

For and on behalf of the  
Maharashtra Pollution Control Board

*(P.K. Mirashe)*

Assistant Secretary (Technical)

Received Consent fee of-

Sr. No.	Amount (Rs.)	DD/ DR/ RTGS/ NEFT/ TXN No.	Date	Drawn On
1.	Rs. 1,25,000/-	7605280	17/02/2018	Central Bank of India

Copy to:

1. Regional Officer(Pune)/ Sub-Regional Officer(Pune-I), M.P.C. Board.  
-They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.

Schedule-I

**Terms & conditions for compliance of Water Pollution Control:**

1) As per your application, generation of industrial effluent from the proposed expansion will be Nil.

2) A] As per your consent application, you have proposed to treat 9 CMD of sewage in Septic tank followed by Soak Pit.

B] The Applicant shall operate the sewage treatment plant to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

(1)	Suspended Solids	Not to exceed	50	mg/l.
(2)	BOD 3 days 27°C	Not to exceed	30	mg/l.

C] The treated sewage shall be used on land for gardening within premise. In no case treated sewage shall be disposed of outside factory premises.

3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5) The Industry shall install water meters for consuming water as follows:

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	--
2.	Domestic purpose	9.0
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	--
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	--
5.	Others & Gardening Purpose	--

6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



**Schedule-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have proposed provided the Air pollution control (APC) system and also erected following stack(s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Qty. & UoM	S%	SO <sub>2</sub> Kg/Day
1	Boiler (4 Nos.)	Stack	30 (common)	LDO	29 Kg/Hr (each)	1.8	25 Kg/D (each)
2	Boiler (4 Nos.)	Stack	30 (common)	LDO	29 Kg/Hr (each)	1.8	25 Kg/D (each)
3	Solid Powder Vent Section	Stack	5 above roof	-	-	-	-
4	DG Set (180 KVA)	Stack	4.5 above roof	HSD	145 Kg/Hr	1	70
5	DG Set (1,250 KVA)	Stack	7.5 above roof				

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
--------------------------	---------------	--------------------------

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/ alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

*[Handwritten Signature]*

Schedule-III

Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt. of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E (Expansion)	Rs. 5 Lakhs	Within 15 days	Towards compliance of EC & Consent to Establish conditions	30/09/2023	31/01/2023

*Maharashtra Pollution Control Board*

#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 7) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 9) The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement/ operation of the expansion capacity.
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 13) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 14) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 16) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.

17) Conditions for D.G. Set

- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 18) The industry should not cause any nuisance in surrounding area.
- 19) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20) The applicant shall maintain good housekeeping.
- 21) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
- 22) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 23) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 24) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781  
/4037124/4035273  
Fax : 24044532/4024068 /4023516  
Email : ast@mpcb.gov.in  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
Sion Circle, Sion (E),  
Mumbai - 400 022

Consent order No :- BO/AST/REIC NO.PN-25863-15/CC- 3560  
Date-14/03/2016

To,  
M/s Berger Paints India Ltd  
MIDC Jejuri, Village Jejuri,  
Tal Purander, Dist Pune

Subject: Renewal of Consent to Operate (Part) under RED category.  
Ref : Minutes of CC meeting held on 03.02.2016

Your application: CR1507000108  
Dated: 09/06/2015

For: Renewal of Consent to Operate (Part)  
under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under  
Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and  
Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is  
considered and the consent is hereby granted subject to the following terms and  
conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period from the date of issue of consent to 31.07.2020.
2. The capital investment of the industry is Rs.24.62 Crs.(Phase-I) (As per C.A.Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity
1	Solid colours (By blending & mixing process only)	175MT/M

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	N.A	N.A
2.	Domestic effluent	0.5	As per Schedule -I	On land for gardening

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set (2 nos)	2	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

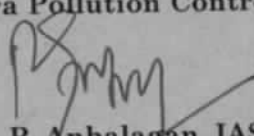
Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Mask & Gloves	0.2 Kg/D	-	Sale
2	Waste Cartons	0.5 Kg/D	-	Sale
3	Lube Oil	0.1 Kg/D	-	Sale

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
Nil						

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry shall comply as per the conditions imposed in Environment Clearance granted on 14/03/2008.

For and on behalf of the  
Maharashtra Pollution Control Board

  
( Dr. P. Anbalagan, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	100/-	045841	28/05/2015	Central Bank of India
2	50000/-	045842	28/05/2015	Central Bank of India
3	50000/-	46211	04/08/2015	Central Bank of India
4	50000/-	46213	04/08/2015	Central Bank of India
5	50000/-	071786	29/02/2016	Central Bank of India
6	50000/-	071787	29/02/2016	Central Bank of India

Copy to:

1. Regional Officer -Pune, MPCB : He is directed to extend existing Bank Guarantee of Rs. 5 lakh mentined in Schedule-III.
2. Sub-Regional Officer-Pune-1: MPCB, He is directed to ensure the compliance of the consent conditions.
3. Chief Accounts Officer, MPCB, Mumbai.
4. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A.] As per your consent application, you have septic tanks and soak pits.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.
- |     |                   |               |     |       |
|-----|-------------------|---------------|-----|-------|
| (1) | Suspended Solids. | Not to exceed | 100 | mg/l. |
| (2) | BOD 3 days 27oC.  | Not to exceed | 100 | mg/l. |
- C] The treated sewage shall be soaked in a soak pit, which shall be got cleaned periodically. The treated sewage shall be used on land for gardening.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.5
2.	Domestic purpose	2
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act,1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.



**Schedule-II**

**Terms & conditions for compliance of Air Pollution Control:**

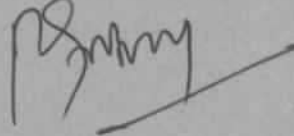
1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1	D.G.Set 2 Nos (1250 & 180 KVA)	Stack	30(each)	HSD	145 Kg/Hr	1	70
2	solid powder section vent	Dust collector	5 (above the roof)	—	—	—	—

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
--------------------	---------------	--------------------------

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	Rs 5 lakh (extended)	Within 15 days from the date of issue of consent	O & M of Pollution control System	31.7.2020	30.11.2020



Maharashtra Pollution Control Board

#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity (in case of Consent to establish).
- 11) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent (in case of Renewal of consent).
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 13) The industry should comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Wastes (M,H &TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 14) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 15) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system

- with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 16) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
  - 17) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
  - 18) Conditions for D.G. Set
    - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
    - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
    - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
    - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
    - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
    - f) D.G. Set shall be operated only in case of power failure.
    - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
    - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
  - 19) The industry should not cause any nuisance in surrounding area.
  - 20) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
  - 21) The applicant shall maintain good housekeeping.
  - 22) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
  - 23) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
  - 24) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
  - 25) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
  - 26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
  - 27) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.



**MAHARASHTRA POLLUTION CONTROL BOARD**

Phone : 4010437/4020781  
 /4037124/4035273  
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 Email : ast@mpcb.gov.in  
 Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
 Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
 Sion Circle, Sion (E),  
 Mumbai - 400 022

Consent order No :- BO/AS(T)/E/EIC NO.PN-21052-14/CC-7809-A  
 Date-01/09/2014

To,  
 M/s Berger Paints India Ltd  
 MIDC Jejuri, Village Jejuri,  
 Tal Purander, Dist Pune

Subject: Consent to Establish(Revalidation) under RED category.  
 Ref : 1. Earlier Consent granted vide no. BO/RO(P&P)/EIC-PN-2168-08/E/CC-383  
 dtd 16/09/2008  
 2. Minutes of CC meeting held on 12/08/2014

Your application: CE1403000830  
 Dated: 27.03.2014

For: Consent to Establish (Revalidation).  
 under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under  
 Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and  
 Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is  
 considered and the consent is hereby granted subject to the following terms and  
 conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent is granted for a period up to commissioning of the Project or Five years whichever earlier.
- The capital investment of the industry is Rs. 56/- Cr. (As per Undertaking submitted by industry)
- The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity
1	Solid colours (By blending & mixing process only)	175MT/M
2	Candy Colours	31 KL/M
3	Clear	32 KL/M
4	Al. Base Coat	90 KL/M
5	Catalyst	340 KL/M
6	Thinner	40 KL/M

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge CMD)	Standards to be achieved	Disposal
1.	Trade effluent	10.0	As per Schedule-I	Recycle (Zero discharge)
2.	Domestic effluent	3.6	As per Schedule -I	On land for gardening

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler (8 Nos.)	2	As per Schedule -II
2.	Thermopack (5Nos.)	2	As per Schedule -II
3.	DG set (6 nos)	1	As per Schedule -II
4.	Process	1	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Mask & Gloves	5 Kg/D	-	Sale
2	Waste Cartons	20 Kg/D	-	Sale
3	Lube Oil	20 Kg/D	-	Sale

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Empty Polyethylene Bags	33.3	60	Kg/D	Nil	CHWTSDF
2	Rag & cottons	21.1	5	Kg/D	Nil	CHWTSDF
3	Powder raw material	21.1	20	Kg/D	Nil	CHWTSDF
4	ETP Sludge	34.3	50	Kg/D	Nil	CHWTSDF
5	Filter Aid Soaked resins	21.2	50	Kg/D	Nil	CHWTSDF
6	Mesh Soaked paint	21.1	20	Kg/D	Nil	CHWTSDF
7	Paint/Resin Powder	21.1	50	Kg/D	Nil	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. The applicant should not take any effective steps for implementation of the project before obtaining Environmental Clearance as per EIA Notification 2006 and amendments thereto.
11. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.

For and on behalf of the  
Maharashtra Pollution Control Board

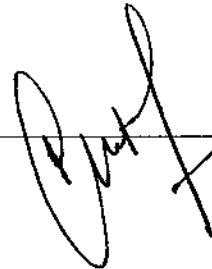
(Rajeev Kumar Mittal, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	50000.00	000020	06/03/2014	Central Bank of India
2	100.00	000023	07/03/2014	Central Bank of India
3	50000.00	75316	20/08/2014	Central Bank of India

Copy to:

1. Regional Officer -Pune and Sub-Regional Officer-Pune-1, MPCB. They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.



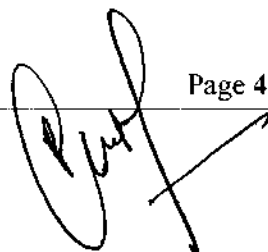
Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to provide Effluent Treatment Plant of capacity 25 CMD with activated sludge process.  
B ) The treated effluent shall be 100 % recycle & reused in process to achieve zero Liquid discharge. in no case treated effluent should find its way outside premises.
- 2) A) As per your consent application, you have proposed to provide the tanks and soak pits.  
B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.
  - (1) Suspended Solids. Not to exceed 100 mg/l.
  - (2) BOD 3 days 27oC. Not to exceed 100 mg/l.C) The treated sewage overflow shall be used on land for gardening.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	07
2.	Domestic purpose	04
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	13
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0

- 6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act,1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.



**Schedule-II**

**Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity UoM	& SO <sub>2</sub> Kg/Day
1	Boiler-1	Stack	30 (Common)	LDO	29 Kg / Hr for each Boiler	100 (25 Kg/D for each boiler)
2	Boiler-2					
3	Boiler -3					
4	Boiler -4					
5	Boiler -5	Stack	30 (Common)	LDO	29 Kg / Hr for each Boiler	100 (25 Kg/D for each boiler)
6	Boiler -6					
7	Boiler -7					
8	Boiler -8					
9	Thermopack - 4 lac Kcal / Hr (3 Nos.)	Stack	30 (common)	HSD	37 Kg/ Hr for each thermopack	68 (17 Kg/D for each)
10	Thermopack - 6 lac Kcal/ Hr (2 Nos.)	Stack	30 (common)	HSD	55Kg/ Hr for each thermopack	52(26 Kg/D for each)
11	Solid Powder Section	Dust Extraction System	5		—	—
12	D.G.Set 250 KVA (4Nos)	stack	30 (Common)	HSD	158 Kg/Hr for each 250 KVA DG	300 (75 kg/D for each)
13	D.G.Set 65 KVA (2Nos)			HSD	145 Kg/Hr	70 (35 Kg/D for each set)

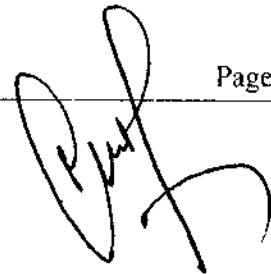
2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
--------------------	---------------	--------------------------

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

**Schedule-III**  
**Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to E	Rs 5 lakh	Within 15 days from the date of issuing of consent	Compliance of consent condition	31.8.2019	28.02.2020



#### Schedule-IV

##### General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 8) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity (in case of Consent to establish).
- 11) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent (in case of Renewal of consent).
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 13) The industry should comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Wastes (M,H &TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 14) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 15) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system

with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

- 16) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 17) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 18) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 19) The industry should not cause any nuisance in surrounding area.
- 20) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 21) The applicant shall maintain good housekeeping.
- 22) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end.
- 23) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 24) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 25) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 27) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.



## MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010700/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cc-cell@mpcb.gov.in](mailto:cc-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

RED/L.S.I (R21)

No. Format 1.0/CAC/UAN No.0000086497/CR - 2006000747

Date: 17/06/2020

To,  
M/s Berger Paints India Limited,  
Plot No. G-35, MIDC Jejuri, Village Jejuri,  
Tal. Putandar, Dist. Pune - 412 303.

**Subj: Grant of Consent to 1st Operate (Part) for expansion, renewal of Consent to Operate and amalgamation.**

- Ref:**
1. Environment Clearance accorded by MoEF, GoI vide F.No. J-11011/1151/2007-IA II(I) dtd. 14/03/2008.
  2. Extension of Environment Clearance accorded by Env. Dept., GoM vide F.No. J-11011-1151/2007-IA.III dtd. 11/05/2014.
  3. Previous Consent to Operate No. Format 1.0/BO/CACCell/ UAN No. 0000074231/OGA/ 10th CAC-1910000987 dtd. 22/10/2019.
  4. Consent to Establish for expansion vide No. Format 1.0/BO/CACCell/ UAN No. 0000042777/E/ 5th CAC-1811001371 dtd. 29/11/2018.
  5. Minutes of Consent Appraisal Committee meeting held on 04/05/2020.

Your application No.MPCB-CONSENT-0000086497 Dated 08.01.2020

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the Consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 31/07/2025
2. The capital investment of the project is Rs.74.26 Crs. (As per C.A Certificate submitted by Industry Existing-Rs. 38.24 Crs + Expansion/Increase in C.I. - Rs. 36.02 Crs)
3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Liquid Paint (Solvent based)	750	MT/M
2	Resin for Intermediate (Captive Consumption)	500	MT/M
3	Solid Paint (By blending & Mixing Process Only)	250	KL/M

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	10	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	7.0	As per Schedule-I	On land for gardening

5. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Thermic Fluid Heater (4 nos)	1	As per Schedule -II
2	S-2	Boiler (4 nos)	1	As per Schedule -II
3	S-3	Solid Powder Vent Section	1	As per Schedule -II
4	S-4 & S-5	DG Set (180 & 1250 KVA)	2	As per Schedule -II
5	S-6	Venturi Scrubber	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Masks & Gloves	0.60	MT/A	NA	Sale to Auth. Party/ Recycler/ CHWTSDF
2	Cotton Waste	1.00	MT/A	NA	Sale to Auth. Party/ Recycler/ CHWTSDF

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used /spent oil	2.0	MT/A	Recycle	Sale to Auth. Party/ Recycler/ CHWTSDF
2	20.2 Spent solvent	216	MT/A	Incineration	CHWTSDF
3	20.3 Distillation residue	18.50	MT/M	Incineration	CHWTSDF
4	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	500	Nos./Y	Recycle	CHWTSDF
5	Filters and filter material which have organic liquid	16800	Pcs/A	Incineration	CHWTSDF
6	35.1 Exhaust Air or Gas cleaning residue	720	MT/A	Secured Landfill	CHWTSDF
7	35.3 Chemical sludge from waste water treatment	72	MT/A	Secured Landfill	CHWTSDF
8	Filters residue	4.2	MT/A	Incineration	CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
9	21.1 Process wastes, residues and sludges	31.44	MT/A	Incineration	CHWTSDF

- 8 The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 10 PP shall operate and maintain ETP & STP and 100% recycle treated effluent into process, for cooling tower make up, air-conditioning, fire-fighting and for utility purposes.
- 11 Industry shall comply with the conditions stipulated in the Environment Clearance dtd. 14/03/2008 & extension dtd. 11/06/2014.
- 12 Industry shall extend all existing Bank Guarantees towards operation & maintenance of pollution control systems and towards compliance of the Consent conditions.
- 13 This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide Consent No. Format 1.0/BO/CACCell/ UAN No. 0000074231/O&A/10th CAC-1910000987 dtd. 22/10/2019.

For and on behalf of the  
Maharashtra Pollution Control Board.



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	500000.00	TXN2001002950	30/01/2020	Online Payment

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose.

**SCHEDULE-I**

**Terms & conditions for compliance of Water Pollution Control:**

1. A) As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 30 CMD consisting of Primary, Secondary & Tertiary treatment for the treatment of 10 CMD Industrial effluent.

B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises generated from this unit.

2. A) As per your application, you have provided Sewage Treatment Plant of designed capacity 20 CMD with MBBR technology for the treatment of 7 CMD of sewage.

B) The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

1	BOD	Not to exceed	30 mg/l
2	SS	Not to exceed	100 mg/l

C) The treated sewage shall be applied on land for gardening within premise. In no case, sewage shall find its way outside factory premises.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	32.00
2.	Domestic purpose	10.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	3.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	10

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



7. Guidelines for Storm Water:

- i Storm water for a plant, a unit (having plot size at least 250 square meters) shall not be allowed to mix with scrubber water, effluent and/or floor washings.
- ii Storm water within the battery limits of a unit shall be channelized through separate drain or pipe passing through a High Density Poly ethylene (HDPE) lined pit having holding capacity of 10 minutes (hourly average) of rainfall.



**SCHEDULE-II**

**Terms & conditions for compliance of Air Pollution Control**

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S% SO <sub>2</sub>	SO <sub>2</sub> (kg/day)
S-1	Thermic Fluid Heaters (4 Nos.)	Stack	30.0	LDO	29 Kg/Hr	1.80	25.00
S-2	Boilers (4 Nos.)	Stack	30	LDO	29 Kg/Hr	1.80	25.00
S-3	Solid Powder Vent Section	In Built Dust Collector	5.0 mtrs above roof	N. A.	--	--	--
S-4	DG Set (1250 KVA)	Acoustic Enclosure	30.0	HSD	250 Kg/Hr	1.00	120.00
S-5	DG Set (180 KVA)	Acoustic Enclosure	30.0	HSD	40 Kg/Hr	1.00	19.00
S-6	Venturi Scrubber	Venturi Scrubber	30 mtr	N. A.	--	--	--

- i. All the dust generating equipments or process shall be provided with dust extraction arrangement.
  - ii. The bag houses, etc. shall be connected to chimneys or stacks of atleast twelve meters height or at least two meters above the top most point of the building, shed or the plant in the industry, which so ever is higher.
  - iii. The unit shall channelise shop floor or fugitive emission through a stack of twelve meters height or at least two meters above the top most point of the building or shed or plant in the industry, which so ever is higher.
2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards	
Total Particulate Matter	Not to exceed	150 mg/Nm <sup>3</sup>

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).





6. Guidelines for Solvent Losses:

- i The total losses of solvent should not be more than 5% of the solvent consumed, if solvent consumption less than 1000 tons/Annum; and
- ii The solvent loss should not be more than 3% of the solvent consumed, if solvent consumption greater than 1000/tons/Annum.





**SCHEDULE-III**  
**Details of Bank Guarantees:**

Br. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	1000000	Existing	Towards O & M of pollution control system & compliance of consent to operate	31.07.2025	30.11.2025

**\*\*Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

**BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				





**SCHEDULE-IV**  
**General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The Industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. D-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The IP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.



# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle,  
Sion (E), Mumbai-400022

**RED/L.S.I (R21)**  
**No:- Format1.0/CAC/UAN**  
**No.0000118796/CO/2202001212**

**Date: 19/02/2022**

**To,**  
**M/S. BERGER PAINTS INDIA LIMITED**  
**Plot No. G35, Tal- Purandar,**  
**Dist-Pune**



Your Service is Our Duty

**Sub: Grant of first Consent to Operate (Expansion) with amalgamation of existing Consent to Operate under Red/LSI**

- Ref:**
1. Consent to Operate granted vide No. Format/CAC/UAN No. 0000086497/CR-2006000747 dated 17/6/2020
  2. Consent to Establish (Expansion) granted vide No. Format 1.0/CAC/UAN No. 0000121222/CE-2106000751 dated 16/6/2021
  3. Environmental Clearance granted vide No. SEIAA-EC-0000002358 dated 08/7/2021
  4. Minutes of 9th Consent Appraisal Committee meeting held on 25/1/2022

Your application No.MPCB-CONSENT-0000118796 Dated 28.07.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 31/07/2025**
2. **The capital investment of the project is Rs.307.61 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 112.5 Crs + Increase in C.I. - Rs. 195.11 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Liquid Paint (Solvent Based)	48600	KL/A
2	Resin (Solid and Liquid) intermediate	33000	MT/A
3	Solid Color	6900	MT/A

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
1.	Trade effluent	28	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	7	As per Schedule-I	On land for gardening

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

<i>Sr No.</i>	<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	S-1	Thermic Fluid Heaters (20 Lac kCal/hr -01 No.), Thermic Fluid Heaters (15 Lac Kcal/hr - 01 No)	1	As per Schedule -II
2	S-2	DG Set (180 KVA & 1250 KVA)	1	As per Schedule -II
3	S-3	DG Set 1200 KVA	1	As per Schedule -II
4	S-4	Steam Boiler (850 Kg/Hr)	1	As per Schedule -II
5	S-5	Process vent (Dust Collector)	1	As per Schedule -II
6	S-6	Process vent (Dust Collector)	1	As per Schedule -II
7	S-7	Process vent (Ventury Scrubber)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Masks & Gloves	0.9	MT/A	Sale	CHWTSDF
2	Cotton Water	3.4	MT/A	NA	CHWTSDF

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

<i>Sr No</i>	<i>Category No./ Type</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	5.1 Used or spent oil	2.45	MT/A	Recycle	Sale to authorised party
2	20.2 Spent solvents	411.68	MT/A	Recycle*	Sale to authorised party
3	20.3 Distillation residues	85	MT/A	Incineration	CHWTSDF
4	21.1 Process wastes, residues and sludges	38.5	MT/A	Incineration	CHWTSDF
5	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	2.94	MT/A	Incineration	CHWTSDF
6	35.1 Exhaust Air or Gas cleaning residue	51.46	MT/A	Incineration	CHWTSDF
7	35.3 Chemical sludge from waste water treatment	1.23	MT/A	Landfill	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format/CAC/UAN No. 0000086497/CR-2006000747 dated 17/6/2020
11. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEIAA-EC-0000002358 dated 08/7/2021
12. The applicant shall not carry out excess production or produce new product without Consent to Operate of the Board and without obtaining Environmental Clearance, wherever it requires
13. Industry shall obtain necessary permissions of Director of Industrial Safety and Health Department (DISH)
14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
15. This consent is issued as per the minutes of 9th Consent Appraisal Committee meeting held on 25/1/2022



**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1951100.00	MPCB-DR-7327	04/08/2021	RTGS

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I  
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



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**Signed by: Ashok Shingare**  
Member Secretary  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ms@mpcb.gov.in  
2022-02-19 19:48:04 IST

## **SCHEDULE-I**

### **Terms & conditions for compliance of Water Pollution Control:**

1. A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 50.00 CMD consisting of Primary (Collection tank, Neutralization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter, Ultra Filtration), Advanced treatment (Reverse osmosis, Multi effective evaporator) for the treatment of 28 CMD of trade effluent.  
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 20 CMD for the treatment of 7 CMD of sewage.  
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

<b>Sr.No</b>	<b>Parameters</b>	<b>Standards (mg/l)</b>	
1	Suspended Solids	Not to exceed	50 mg/l
2	BOD 3 days 27°C	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	139.00
2.	Domestic purpose	10.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	7.50

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	49

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

7. Guidelines for Storm-Water:

- Storm water for a plant, a unit (having plot size at least 250 square meters) shall not be allowed to mix with scrubber water, effluent and/or floor washings.
- Storm water within the battery limits of a unit shall be channelized through separate drain or pipe passing through a High Density Poly ethylene (HDPE) lines pit having holding capacity of 10 minutes (hourly average) of rainfall.

### SCHEDULE-II

#### **Terms & conditions for compliance of Air Pollution Control:**

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Thermic Fluid Heaters (20 Lac kCal/hr -01 No.), Thermic Fluid Heaters (15 Lac Kcal/hr - 01 No)	Fabric Bag Filter Stack	30.00	HSD 328 Ltr/Hr	1.0	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	157.44 Kg/Day
S-2	DG Set (180 KVA & 1250 KVA)	Acoustic Enclosure	30.00	HSD 100 Ltr/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	48 Select
S-3	DG Set 1200 KVA	Acoustic Enclosure	30.00	HSD 45 Ltr/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	21.6 Select
S-4	Steam Boiler (850 Kg/Hr)	Stack	30.00	HSD 169.24 Ltr/Hr	1	TPM	150 Mg/Nm <sup>3</sup>
						SO <sub>2</sub>	81.24 Mg/Nm <sup>3</sup>



Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-5	Process vent (Dust Collector)	Fabric Bag Filter	30.00	-	-	TPM	150 Mg/Nm <sup>3</sup>
S-6	Process vent (Dust Collector)	Fabric Bag Filter	30.00	-	-	TPM	150 Mg/Nm <sup>3</sup>
S-8	Process vent (Ventury Scrubber)	Ventury Scrubber	30.00	-	-	Acid Mist	35 Mg/Nm <sup>3</sup>

- i. All the dust generating equipments or process shall be provided with dust extraction arrangement.
  - ii. The bag houses, etc. shall be connected to chimneys or stacks of atleast twelve meters height or at least two meters above the top most point of the building, shed or the plant in the industry, which so ever is higher.
  - iii. The unit shall channelize shop floor or fugitive emission through a stack of twelve meters height or at least two meters above the top most point of the building or shed or plant in the industry, which so ever is higher.
2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
  3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
  4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
  5. Guidelines for Solvent Losses:
    - i. The total losses of solvent should not be more than 5% of the solvent consumed, if solvent consumption less than 1000 tons/Annum; and
    - ii. The solvent loss should not be more than 3% of the solvent consumed, if solvent consumption greater than 1000/tons/Annum.

**SCHEDULE-III**  
**Details of Bank Guarantees:**

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	25 Lakh	15 Days	Towards O&M of Pollution Control System and Compliance of Consent Conditions	31/7/2025	31/1/2026

**BG Forfeiture History**

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

**BG Return details**

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

**SCHEDULE-IV**  
**General Conditions:**

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
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18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.

19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website ([www.mpcb.gov.in](http://www.mpcb.gov.in)).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
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28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

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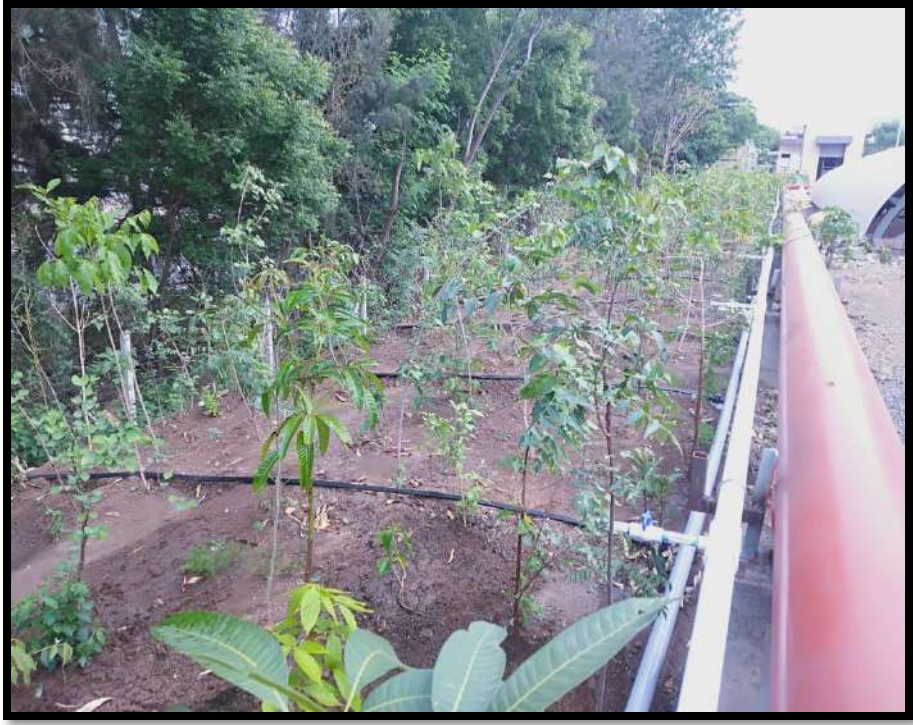
This certificate is digitally & electronically signed.

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ANNEXURE - IV

Indian Express dated 22/3/08

Date : 21/3/2008  
Public at large is informed by my clients M/s. Berger Paints India Ltd. that  
Our proposed project "New Automotive Paint Factory" by Berger Paints India Ltd. located at Jejuri, Tal - Purandir, Dist- Pune, Maharashtra was accorded the Environmental Clearance from the Ministry of Environment and Forest (MoEF) GOI, New Delhi.  
The copies of clearance letter are available with Maharashtra Pollution Control Board and may also be seen on the Ministry web site at <http://www.envfor.nic.in>  
By Order  
Mr. A. Sen  
Vice President and Company Secretary  
M/s. Berger Paints India Ltd.  
Reg. Off : Berger House, 129, Park Street,  
Kolkata - 700017.  
This notice dated 21st day of March 2008 at Pune.  
316, Cedar Court . sd/-  
Parmer Park Sanjay K. Motwani  
Pune - 411040. Advocate  
Phone : 9890607737

LOKSATTA - MARATHI 22/3/08.

दिनांक : २१/३/२००८  
सुपम लोकात्ता आमच्या अशील मे. बर्जर पेंट्स इंडिया लि.कडून बळकटपणात येते की,  
आमच्या "नू ऑटोमोटिव्ह पेंट फॅक्टरी जेजुरी, ता. पुरंदर, जि. पुणे येथील बर्जर पेंट्स इंडिया लि. यांच्या औद्योगिक प्रकल्पाचा केंद्रीय पर्यावरण आणि वन मंत्रालय, भारत सरकार, नवी दिल्ली यांचेकडून पर्यावरण मंत्रालय देण्यात आले आहे.  
सुद्धा पर्यावरणविषयक मंत्रालयाची प्रकल्प निवडण मंडळ आणि कार्यालयामध्ये आणि केंद्रीय पर्यावरण आणि वन मंत्रालया यांच्या <http://www.envfor.nic.in> या संकेतस्थळावर उपलब्ध आहे.  
संकेतस्थळ -  
श्री. ए. सेन  
व्हाईस प्रेसिडेंट आणि कंपनी सेक्रेटरी  
म. बर्जर पेंट्स इंडिया लि.  
रजि. ऑफिस - बर्जर हाऊस,  
१२९ पार्क स्ट्रीट, कोलकाता - ७०००१७.  
पुणे, दिनांक : २१/३/२००८  
३१६, सेडर कोर्ट  
परमार पार्क, खानवडी  
पुणे - ४११०४०.  
फोन : ९८९०६०७७३७  
सही/-  
संजय के. मोटवानी  
अॅडवोकेट

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1123	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Details	Ambient Air
	Sample Location	Near Main Gate
	Time of Sampling	09:20 am
Sample Collected By	Waingade Enviro & Agri Solutions	

### Ambient Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	33	°C	
2.	Dry Bulb Temperature	33	°C	
3.	Wet Bulb Temperature	29	°C	
4.	Relative Humidity	55	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	16.1	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	24.3	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	43.12	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	27.31	µg/M <sup>3</sup>	≤ 60
10.	Carbon Monoxide (CO)	0.8	mg/M <sup>3</sup>	≤ 4.0
11.	Ozone(O <sub>3</sub> )	<20	µg/M <sup>3</sup>	≤ 180
12.	Lead (Pb)	BDL	µg/M <sup>3</sup>	≤ 1.0
13.	Ammonia(NH <sub>3</sub> )	18.1	µg/M <sup>3</sup>	≤ 400
14.	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/M <sup>3</sup>	≤ 5.0
15.	Benzo(a)Pyrene(BaP)	BDL	ng/M <sup>3</sup>	≤ 1.0
16.	Arsenic(As)	BDL	ng/M <sup>3</sup>	≤ 6.0
17.	Nickel(Ni)	BDL	ng/M <sup>3</sup>	≤ 20

Remark-All above results are within National Ambient Air Quality standards.

➤ BDL – Below Detectable Limit.

ANALYZED BY-

*H. Inde*



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*H. Inde*

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ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company **GESEC**

### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1124	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Details	Ambient Air
	Sample Location	Backside of Company
	Time of Sampling	9:45 am
Sample Collected By	Waingade Enviro & Agri Solutions	

### Ambient Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	33	°C	
2.	Dry Bulb Temperature	33	°C	
3.	Wet Bulb Temperature	29	°C	
4.	Relative Humidity	55	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	21.7	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	30.1	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	48.10	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	29.23	µg/M <sup>3</sup>	≤ 60
10.	Carbon Monoxide (CO)	0.7	mg/M <sup>3</sup>	≤ 4.0
11.	Ozone(O <sub>3</sub> )	<20	µg/M <sup>3</sup>	≤ 180
12.	Lead (Pb)	BDL	µg/M <sup>3</sup>	≤ 1.0
13.	Ammonia(NH <sub>3</sub> )	24.6	µg/M <sup>3</sup>	≤ 400
14.	Benzene(C <sub>6</sub> H <sub>6</sub> )	BDL	µg/M <sup>3</sup>	≤ 5.0
15.	Benzo(a)Pyrene(BaP)	BDL	ng/M <sup>3</sup>	≤ 1.0
16.	Arsenic(As)	BDL	ng/M <sup>3</sup>	≤ 6.0
17.	Nickel(Ni)	BDL	ng/M <sup>3</sup>	≤ 20

Remark-All above results are within National Ambient Air Quality standards.

➤ BDL – Below Detectable Limit.

ANALYZED BY-

*Prinde*



AUTHORIZED SIGNATORY

*Prinde*

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ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company **GESEC**

### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1125</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Protection Ground Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	10:00 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.017	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.021	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.039	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.027	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1126</b>		<b>Date of Report</b>		28/04/2022	
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		<b>Date of Sampling</b>		21/04/2022	
		<b>Start Date of Analysis</b>		22/04/2022	
		<b>End Date of Analysis</b>		28/04/2022	
		<b>Sample Location</b>		Boiler room	
		<b>Sample Details</b>		Workzone Air	
		<b>Time of Sampling</b>		10:10 am	
<b>Sample Collected By</b>		Waingade Enviro & Agri Solutions			
<b>Work Zone Air Analysis Report</b>					
Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.021	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.024	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.047	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.033	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
<b>Remark-</b>					
<ul style="list-style-type: none"> <li>➤ All above results are well within The Factories Act, 1948 Standards.</li> <li>➤ N.S.: - Not Specified.</li> </ul>					
<b>ANALYZED BY-</b>			<b>AUTHORIZED SIGNATORY</b>		
					
					

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1127</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	AGI-1 <sup>st</sup> floor (Old AGI)
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	10:25 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.019	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.020	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.036	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.021	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1128</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	AGI-2 <sup>nd</sup> floor (Old AGI)
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	10:35 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.020	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.022	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.039	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.026	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

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- N.S.: - Not Specified.

**ANALYZED BY-**

*Aminde*



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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1129</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Resin 1 <sup>st</sup> floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	10:50 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.025	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.026	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.040	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.033	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1130	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	Resin 2 <sup>nd</sup> floor
	Sample Details	Workzone Air
	Time of Sampling	11:15 am
Sample Collected By	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.023	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.030	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.042	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.031	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

ANALYZED BY-

*H. Inde*



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*H. Inde*

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1131</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	New AGI 1 <sup>st</sup> Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	11:30 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.027	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.026	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.041	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.029	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

*H. Inde*



**AUTHORIZED SIGNATORY**

*H. Inde*

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ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1132</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	New AGI 2 <sup>nd</sup> Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	11:40 am
	<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.021	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.025	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.037	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.022	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1133</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Powder Coating 1 <sup>st</sup> Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	11:55 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.026	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.034	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.045	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.031	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

ANALYZED BY-

*Hinde*



AUTHORIZED SIGNATORY

*Hinde*

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1134</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Warehouse Ground Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	12:05 pm
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Permissible Limits	Standard Method
1.	Ambient Temperature	30	°C		
2.	Dry Bulb Temperature	30	°C		
3.	Wet Bulb Temperature	27	°C		
4.	Relative Humidity	56	% RH		
5.	Sampling Duration	15	Min		
6.	Sulphur Dioxide(SO <sub>2</sub> )	0.018	mg/M <sup>3</sup>	≤ 10	IS-5182(Part2)
7.	Oxides of Nitrogen(NO <sub>2</sub> )	0.022	mg/M <sup>3</sup>	≤ 10	IS-5182(Part6)
8.	Suspended Particulate Matter	0.045	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)
9.	RSPM	0.036	mg/M <sup>3</sup>	N.S.	IS 5182(Part 23)

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

*H. Inde*



**AUTHORIZED SIGNATORY**

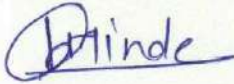


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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1135		Date of Report		28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		Date of Sampling		21/04/2022
		Sample Details		Ambient Noise
Sample Collected By		Waingade Enviro & Agri Solutions		
<b>Ambient Noise Report</b>				
Sr. No.	Location	Result dB(A) Day	Result dB(A) Night	CPCB Standards dB(A)
1.	Near Main Gate	66.8	56.3	75/70
2.	Backside of company	68.4	59.8	
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above Noise level results are within Central Pollution Control Board Standards limit.</li> <li>➤ Day/Night -75/70 dB.</li> </ul>				
ANALYZED BY-		AUTHORIZED SIGNATORY		
				
				

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1136	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Sample Details	Work Zone Noise

Sample Collected By Waingade Enviro & Agri Solutions

### Work zone Noise Monitoring Report

Sr. No.	Location	Result dB(A) Day	Unit	The Factories Act 1948, standards
1.	Old AGI Ground Floor	68.7	dB(A)	≤90
2.	Boiler Room	86.1	dB(A)	≤90
3.	Old AGI 1 <sup>st</sup> floor	62.4	dB(A)	≤90
4.	Resin 1 <sup>st</sup> floor	72.1	dB(A)	≤90
5.	New AGI Ground Floor	62.6	dB(A)	≤90
6.	Powder Coaing Ground Floor	83.5	dB(A)	≤90
7.	Protection ground floor	64.1	dB(A)	≤90
8.	Warehouse Groud Floor	61.1	dB(A)	≤90
9.	New AGI 3 <sup>rd</sup> floor	50.1	dB(A)	≤90
10.	Powder Coating 1 <sup>st</sup> floor	77.6	dB(A)	≤90

**Remark-**

- The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1137	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Sample Details	Illumination Survey
Sample Collected By	Waingade Enviro & Agri Solutions	

### Illumination Survey Report

Sr. No.	Location	Result	Minimum Intensity of Illumination In Lux Limit	Unit
1.	Administrative Office	379	300	Lux
2.	QC Lab	365	300	
3.	Old AGI 1 <sup>st</sup> floor	526	300	
4.	Old AGI Ground Floor	361	300	
5.	Resin 1 <sup>st</sup> floor	348	300	
6.	Resin 2 <sup>nd</sup> floor	401	300	
7.	Resin 3 <sup>rd</sup> floor	421	300	
8.	New AGI ground floor	328	300	
9.	New AGI 2 <sup>nd</sup> floor	359	300	
10.	New AGI 3 <sup>rd</sup> floor	319	300	
11.	Powder Coating Ground Floor	658	300	
12.	Powder Coating 1 <sup>st</sup> floor	753	300	
13.	Protecton ground floor	410	300	
14.	Protecton 1 <sup>st</sup> floor	342	300	
15.	Warehouse ground floor	348	300	

**Remark-**

➤ Illumination Level in the factory is found satisfactory, as per The Factories Act, 1948.

ANALYZED BY-

*H. Inde*



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**SCHEDULE A**

Sr.No.	Area & Work Room	Minimum Intensity of Illumination in Lux
01	Stock-yards, main entrance and exit roads, cat-walks of outdoor plants, coal unloading and storage areas.	20
02	Passage-ways, and corridors and stair-ways, warehouses, stock-rooms for large and bulky materials, platforms of outdoor plants, basements.	50
03	Engine and boiler rooms, passengers and freight elevators, conveyers crating and boxing departments, store-rooms and stock-rooms for medium and fine materials, lockers rooms, toilet and wash rooms.	100

Sr.No.	Nature of work	Examples	Minimum Intensity of Illumination in Lux
01	Where discrimination of details is not essential.	Handling of material of coarse nature, rough sorting, grinding of clay products, handling coal or ashes.	50
02	Where slight discrimination of details is essential.	Production of semi-finished iron and steel products, rough assembling, milling of grains, opening, carding, drawing, slubbing, roving, spinning (ordinary) counts of cotton.	100
03	Where moderate discrimination of details is essential.	Medium assembling, rough bench work, inspection and testing of products, canning, sawing, veneering planning of lumber, sewing of light coloured textiles and leather products, weaving light thread, warping, slashing doubling (Fancy) spinning fine counts.	200
04	Where close discrimination of details is essential.	Medium bench and machine work fine testing, flour grading, leather finishing, weaving cotton goods, or light coloured woolen goods, welding sub-assembly, drilling, rivetting, book-binding and folding.	300
05	Where discrimination of fine details is involved under a fair degree of contrast for long periods of time.	Fine assembling, fine bench and machine work, fine inspection, fine polishing and beveling of glass, fine wood working, weaving dark coloured woolen goods.	500
06	Where discrimination of externally fine details is involved under condition of externally poor contrast for long periods of time.	Extra fine assembling, extra fine inspection, testing of extra fine instruments, jewellery and watch manufacturing, grading and working of tobacco products, dark cloth hand tailoring, final perching in dye works, make-up and proof reading in printing plants.	1000

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ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company **GESEC**

### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1138	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Sample Details	Ventilation Survey

Sample Collected By Waingade Enviro & Agri Solutions

### Ventilation Survey Report

Sr. No.	Test Location	Readings- air velocity (m/s) Day Time (11.00 am to 3.30 pm)				Limit as per Factories Act 1948
		1	2	3	Average air velocity (m/s)	
1.	Old AGI Ground Floor	1	0.6	0.8	0.8	> 0.5
2	Old AGI 1 <sup>st</sup> floor	0.9	0.8	0.8	0.8	
3	Protecton Ground Floor	0.8	0.7	0.8	0.7	
4	Resin 1 <sup>st</sup> floor	0.8	0.9	0.7	0.8	
5	Resin 2 <sup>nd</sup> floor	0.9	0.6	0.7	0.7	
6	Resin 3 <sup>rd</sup> floor	1	1.2	0.9	1.0	
7	New AGI ground floor	0.8	0.9	1.2	0.9	
8	New AGI 1 <sup>st</sup> floor	0.7	0.8	0.7	0.7	
9	New AGI 3 <sup>rd</sup> floor	1.1	0.8	1	0.9	
10	Powder Coating ground floor	0.6	0.9	0.7	0.7	
11	Powder Coating 1 <sup>st</sup> floor	0.9	0.7	0.9	0.8	
12	Protection 1 <sup>st</sup> floor	0.9	0.5	0.8	0.7	
13	Warehouse Ground Floor	1	0.7	0.9	0.8	

Remark-Ventilation level in the factory is found satisfactory; the amount of fresh air supplied by mechanical means of ventilation of air velocity should be at least 0.5 m/s as per the Factories Act 1948.

ANALYZED BY-

*H. Inde*



AUTHORIZED SIGNATORY

*H. Inde*

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1139	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	DG Set-1250 KVA (1)
	Sample Details	Stack
	Time of Sampling	12:25 pm
Sample Collected By	Waingade Enviro & Agri Solutions	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits as Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	399	°K	
6.	Differential Pressure	6.9	mmWG	
7.	Velocity	9.96	M/s	
8.	Dimensions of Stack	0.3048	Mtr.	
9.	Stack Area	0.072	M <sup>2</sup>	
10.	Gas Volume	1953.80	NM <sup>3</sup> /Hr	
11.	Particulate Matter	53.62	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	40.1	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	1.88	Kg/day	≤ 120

**Remark(s):**

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

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**TEST CERTIFICATE**

<b>Report No: GESEC/PRO/2022-23/04/1140</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	DG Set-1250 KVA (New)
	<b>Sample Details</b>	Stack
	<b>Time of Sampling</b>	12:55 pm
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

**Source Emission Analysis Report**

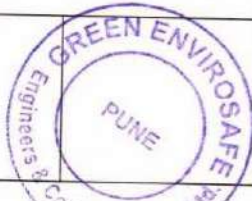
Sr. No.	Parameter	Result	Unit(s)	Limits as Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	480	°K	
6.	Differential Pressure	7.9	mmWG	
7.	Velocity	11.69	M/s	
8.	Dimensions of Stack	0.3048	Mtr.	
9.	Stack Area	0.07292	M <sup>2</sup>	
10.	Gas Volume	416.62	NM <sup>3</sup> /Hr	
11.	Particulate Matter	53.55	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	41.0	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	1.87	Kg/day	≤ 120

**Remark(s):**

All above results are well within MPCB Limit.  
N.S.: - Not Specified

**ANALYZED BY-**

*H. Hinde*



**AUTHORIZED SIGNATORY-**

*H. Hinde*

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Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)  
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company **GESEC**

### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1141	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	DG Set-180 KVA
	Sample Details	Stack
	Time of Sampling	1:35 pm
Sample Collected By	Waingade Enviro & Agri Solutions	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	351	°K	
6.	Differential Pressure	4.4	mmWG	
7.	Velocity	7.46	M/s	
8.	Dimensions of Stack	0.11	Mtr.	
9.	Stack Area	0.009	M <sup>2</sup>	
10.	Gas Volume	216.65	NM <sup>3</sup> /Hr	
11.	Particulate Matter	40.2	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	28.6	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	0.14	Kg/day	≤ 19

#### Remark(s):

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

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6. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.

### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1142</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Thermic Fluid Heater
	<b>Sample Details</b>	Stack
	<b>Time of Sampling</b>	1:55 pm
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits as Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	350	°K	
6.	Differential Pressure	3.7	mmWG	
7.	Velocity	6.83	M/s	
8.	Dimensions of Stack	0.45	Mtr.	
9.	Stack Area	0.158	M <sup>2</sup>	
10.	Gas Volume	3329.70	NM <sup>3</sup> /Hr	
11.	Particulate Matter	46.90	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	29.1	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	2.32	Kg/day	≤ 25

**Remark(s):**

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1143	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	New AGI (I) Dust Collector
	Sample Details	Stack
Sample Collected By	Time of Sampling	2:30 pm
Sample Collected By		Waingade Enviro & Agri Solutions

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	362	°K	
6.	Differential Pressure	3.2	mmWG	
7.	Velocity	6.46	M/s	
8.	Dimensions of Stack	0.45	Mtr.	
9.	Stack Area	0.158	M <sup>2</sup>	
10.	Gas Volume	3044.80	NM <sup>3</sup> /Hr	
11.	Particulate Matter	46.2	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	23.8	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	1.73	Kg/day	--

#### Remark(s):

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

#### ANALYZED BY-

*H. Inde*



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*H. Inde*

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1144	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	Bio Briquette Boiler
	Sample Details	Stack
Sample Collected By	Time of Sampling	3:05 pm
	Waingade Enviro & Agri Solutions	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	368	°K	
6.	Differential Pressure	4.5	mmWG	
7.	Velocity	7.72	M/s	
8.	Dimensions of Stack	0.45	Mtr.	
9.	Stack Area	0.158	M <sup>2</sup>	
10.	Gas Volume	3581.13	NM <sup>3</sup> /Hr	
11.	Particulate Matter	45.7	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	26.6	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	2.28	Kg/day	≤ 25

**Remark(s):**

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1145	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	Powder Coating (Dust Collector)
	Sample Details	Stack
	Time of Sampling	3:40 pm
Sample Collected By	Waingade Enviro & Agri Solutions	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits as Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	330	°K	
6.	Differential Pressure	2.8	mmWG	
7.	Velocity	5.77	M/s	
8.	Dimensions of Stack	1.0	Mtr.	
9.	Stack Area	0.785	M <sup>2</sup>	
10.	Gas Volume	14731.10	NM <sup>3</sup> /Hr	
11.	Particulate Matter	49.0	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	20.5	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	7.24	Kg/day	--

**Remark(s):**

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

**ANALYZED BY:**

*[Signature]*




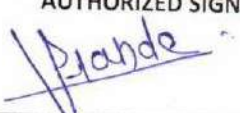

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1146		Date of Report	28/04/2022	
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		Date of Sampling	21/04/2022	
		Start Date of Analysis	22/04/2022	
		End Date of Analysis	28/04/2022	
		Sample Location	Protection Dust Collector	
		Sample Details	Stack	
		Time of Sampling	4:20 pm	
Sample Collected By		Waingade Enviro & Agri Solutions		
<b>Source Emission Analysis Report</b>				
Sr. No.	Parameter	Result	Unit(s)	Limits as Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	335	°K	
6.	Differential Pressure	2.9	mmWG	
7.	Velocity	5.91	M/s	
8.	Dimensions of Stack	2.0	Mtr.	
9.	Stack Area	3.14	M <sup>2</sup>	
10.	Gas Volume	59518.22	NM <sup>3</sup> /Hr	
11.	Particulate Matter	45.0	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	18.9	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	26.9	Kg/day	--
Remark(s):				
<ul style="list-style-type: none"> <li>➤ All above results are well within MPCB Limit.</li> <li>➤ N.S.: - Not Specified</li> </ul>				
ANALYZED BY-		AUTHORIZED SIGNATORY-		
				
				

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1147	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Location	Resin Fume Extractor
	Sample Details	Stack
	Time of Sampling	4:55 pm
Sample Collected By	Waingade Enviro & Agri Solutions	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits as Per MPCB Consent
1.	Material of Stack	M.S	--	
2.	Stack Height from G.L	30.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Sampling Duration	30	Min.	
5.	Flue Gas Temperature	347	°K	
6.	Differential Pressure	3.8	mmWG	
7.	Velocity	6.89	M/s	
8.	Dimensions of Stack	0.5	Mtr.	
9.	Stack Area	0.19	M <sup>2</sup>	
10.	Gas Volume	4183.89	NM <sup>3</sup> /Hr	
11.	Particulate Matter	42.5	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	26.0	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	2.61	Kg/day	--

**Remark(s):**

- All above results are well within MPCB Limit.
- N.S.: - Not Specified

ANALYZED BY:-

*Hande*



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*Hande*

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1148</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Protection Ground Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	11:05 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	0.83	mg/M <sup>3</sup>	< 560
8.	Xylene	1.04	mg/M <sup>3</sup>	< 655
9.	HCl	ND	mg/M <sup>3</sup>	NS

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

*(Handwritten Signature)*



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*(Handwritten Signature)*

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1149</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Protection 1st Floor TSD Area
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	11:25 am
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	0.95	mg/M <sup>3</sup>	< 560
8.	Xylene	1.02	mg/M <sup>3</sup>	< 655
9.	HCl	ND	mg/M <sup>3</sup>	NS

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

*H. Inde*



**AUTHORIZED SIGNATORY**

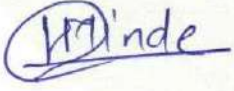


*H. Inde*

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1150</b>		<b>Date of Report</b>		28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		<b>Date of Sampling</b>		21/04/2022
		<b>Start Date of Analysis</b>		22/04/2022
		<b>End Date of Analysis</b>		28/04/2022
		<b>Sample Location</b>		Protection 1 <sup>st</sup> Floor
		<b>Sample Details</b>		Workzone Air
		<b>Time of Sampling</b>		11:45 am
<b>Sample Collected By</b>		Waingade Enviro & Agri Solutions		
<b>Work Zone VOC Monitoring Report</b>				
Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	0.85	mg/M <sup>3</sup>	< 560
8.	Xylene	0.94	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above results are well within The Factories Act, 1948 Standards.</li> <li>➤ N.S.: - Not Specified.</li> </ul>				
<b>ANALYZED BY-</b>		<b>AUTHORIZED SIGNATORY</b>		
				
				

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1151</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Resin Plant 1 <sup>st</sup> Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	12 :05 pm
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	0.99	mg/M <sup>3</sup>	< 560
8.	Xylene	1.05	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

*H. Inde*



**AUTHORIZED SIGNATORY**


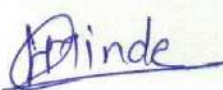

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1152</b>		<b>Date of Report</b>		28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		<b>Date of Sampling</b>		21/04/2022
		<b>Start Date of Analysis</b>		22/04/2022
		<b>End Date of Analysis</b>		28/04/2022
		<b>Sample Location</b>		Resin Plant 2 <sup>nd</sup> Floor
		<b>Sample Details</b>		Workzone Air
		<b>Time of Sampling</b>		12:20 pm
<b>Sample Collected By</b>		Waingade Enviro & Agri Solutions		
<b>Work Zone VOC Monitoring Report</b>				
Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	0.92	mg/M <sup>3</sup>	< 560
8.	Xylene	1.0	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>&gt; All above results are well within The Factories Act, 1948 Standards.</li> <li>&gt; N.S.: - Not Specified.</li> </ul>				
<b>ANALYZED BY-</b>				<b>AUTHORIZED SIGNATORY</b>
				

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1153		Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		Date of Sampling	21/04/2022
		Start Date of Analysis	22/04/2022
		End Date of Analysis	28/04/2022
		Sample Location	New AGI Ground Floor
		Sample Details	Workzone Air
		Time of Sampling	12:35 pm
Sample Collected By		Waingade Enviro & Agri Solutions	

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	1.5	mg/M <sup>3</sup>	< 560
8.	Xylene	1.94	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

ANALYZED BY-

*Hande*



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*Hande*

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1154</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	New AGI 2 <sup>nd</sup> Floor TSD Area
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	12:50 pm
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	1.6	mg/M <sup>3</sup>	< 560
8.	Xylene	1.92	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS

**Remark-**

All above results are well within The Factories Act, 1948 Standards.  
N.S.: - Not Specified.

**ANALYZED BY-**

*H. Inde*



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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1155</b>		<b>Date of Report</b>		28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		<b>Date of Sampling</b>		21/04/2022
		<b>Start Date of Analysis</b>		22/04/2022
		<b>End Date of Analysis</b>		28/04/2022
		<b>Sample Location</b>		New AGI 1 <sup>st</sup> Floor
		<b>Sample Details</b>		Workzone Air
		<b>Time of Sampling</b>		1:10 pm
		<b>Sample Collected By</b>		Waingade Enviro & Agri Solutions
<b>Work Zone VOC Monitoring Report</b>				
Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	1.17	mg/M <sup>3</sup>	< 560
8.	Xylene	1.92	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above results are well within The Factories Act, 1948 Standards.</li> <li>➤ N.S.: - Not Specified.</li> </ul>				
<b>ANALYZED BY-</b>				<b>AUTHORIZED SIGNATORY</b>
				

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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1156</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Old AGI Ground Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	1:35 pm
<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions	

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	0.96	mg/M <sup>3</sup>	< 560
8.	Xylene	1.02	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

<b>ANALYZED BY-</b> 		<b>AUTHORIZED SIGNATORY</b> 
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### TEST CERTIFICATE

<b>Report No: GESEC/PRO/2022-23/04/1157</b>	<b>Date of Report</b>	28/04/2022
<b>Client Name and Address:</b> M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	<b>Date of Sampling</b>	21/04/2022
	<b>Start Date of Analysis</b>	22/04/2022
	<b>End Date of Analysis</b>	28/04/2022
	<b>Sample Location</b>	Old AGI 1 <sup>st</sup> Floor
	<b>Sample Details</b>	Workzone Air
	<b>Time of Sampling</b>	1:55 pm
	<b>Sample Collected By</b>	Waingade Enviro & Agri Solutions

### Work Zone VOC Monitoring Report

Sr. No.	Parameter	Result	Unit(s)	The Factories Act 1948, Standard
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	27	°C	
4.	Relative Humidity	56	% RH	
5.	Sampling Duration	10	Min	
6.	Butane	N.D.	mg/M <sup>3</sup>	NS
7.	Toulene	1.01	mg/M <sup>3</sup>	< 560
8.	Xylene	1.79	mg/M <sup>3</sup>	< 655
9.	HCl	N.D.	mg/M <sup>3</sup>	NS

**Remark-**

- All above results are well within The Factories Act, 1948 Standards.
- N.S.: - Not Specified.

**ANALYZED BY-**

*H. Inde*



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*H. Inde*

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1158	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Details	Drinking Water
	Nature of sample	Liquid
Sample Collected By	Waingade Enviro & Agri Solutions	

### WATER ANALYSIS REPORT

Sr. No.	Parameter	Result	Limits as per IS 10500:2012	Unit(s)	Standard Method
<b>Physical Parameter</b>					
1.	Turbidity	<1	1	NTU	IS : 3025 (Part 10):1984
2.	TDS	78	<500	ppm	IS : 3025 (Part 16):1984
3.	Color	Clear	<5	Hazen	IS : 3025 (Part 4):1983
4.	EC	200.3	--	µS/cm	IS : 3025 (Part 14):1984
<b>Chemical Parameter</b>					
5.	pH	7.3	6.5 to 8.5	--	IS : 3025 (Part 11):1984
6.	Total Hardness	62.2	<200	mg/lit	IS : 3025 (Part 21):1983
7.	Sulphate	5.7	<200	mg/lit	IS : 3025 (Part 24):1986
8.	Nitrate	<1	<45	mg/lit	IS : 3025 (Part 34):1988
10.	Chloride	10.9	<250	mg/lit	IS : 3025 (Part 32):1988
11.	Calcium (as Ca)	20.2	75	mg/lit	IS : 3025 (Part 40):1991
12.	Magnesium (as Mg)	10.4	30	mg/lit	APHA 3500
13.	Iron as Fe	< 0.05	0.3	mg/lit	AAS
<b>Microbiological Parameter</b>					
14.	Total Coliform	Absent	Absent	MPN/100ml	IS 1622:1981
15.	E.coli.	Absent	Absent	per/100ml	IS 1622:1981

**Remark(s):**

- Note: For E. coli and Coliform, absent can be considered as zero [ Refer IS:1622 (R.A.1996), Table No.-4]
- The above water sample is Comply with required limit as per IS 10500:2012.

Analyzed by

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AUTHORIZED SIGNATORY

*HA inde*

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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1159	Date of Report	28/04/2022
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303	Date of Sampling	21/04/2022
	Start Date of Analysis	22/04/2022
	End Date of Analysis	28/04/2022
	Sample Details	STP INLET
	Nature of sample	Liquid
Sample Collected By	Waingade Enviro & Agri Solutions	

### Water Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Standard Method
<b>Physical Parameter</b>				
1.	Total Suspended Solid	242.6	mg/lit	APHA 2540-D
<b>Chemical Parameter</b>				
2.	pH	7.8	--	APHA 4500-H <sup>+</sup>
3.	BOD at 27°C for 3 days	73.0	mg/lit	APHA 5210 B

Remark: All parameters are within the MPCB limit.

ANALYZED BY-

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AUTHORIZED SIGNATORY

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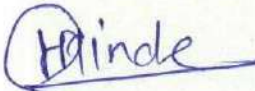


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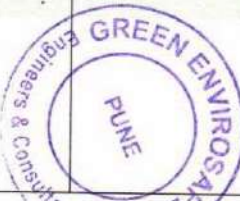
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### TEST CERTIFICATE

Report No: GESEC/PRO/2022-23/04/1160		Date of Report		28/04/2022	
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303		Date of Sampling		21/04/2022	
		Start Date of Analysis		22/04/2022	
		End Date of Analysis		28/04/2022	
		Sample Details		STP OUTLET	
		Nature of sample		Liquid	
Sample Collected By		Waingade Enviro & Agri Solutions			
<b>Water Analysis Report</b>					
Sr. No.	Parameter	Result	MPCB Limits	Unit(s)	Standard Method
<b>Physical Parameter</b>					
1.	Total Suspended Solid	61	<100	mg/lit	APHA 2540-D
<b>Chemical Parameter</b>					
2.	pH	7.1	5.5-9.0	--	APHA 4500-H <sup>+</sup>
3.	BOD at 27°C for 3 days	18.6	<100	mg/lit	APHA 5210 B
Remark: All parameters are within the MPCB limit.					
ANALYZED BY-			AUTHORIZED SIGNATORY		
					
					

#### Terms and conditions

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TEST CERTIFICATE							
Report No: GESEC/PRO/2022-23/04/1161			Date of Report		28/04/2022		
Client Name and Address: M/s Berger Paints India Limited, Plot No. G-35, MIDC Jejuri, Village Jejuri, Tal. Purandar, Dist.Pune- 412303			Date of Sampling		21/04/2022		
			Sample Details		DG Noise		
Sample Collected By			Waingade Enviro & Agri Solutions				
DG Noise Monitoring Report							
Sr. No.	Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
		North Side	East Side	South Side	West Side		
DG Set #1 ( 1250 KVA ) New							
1A	Without Enclosure	102.8	98.9	100.4	97.3	99.8	25.6
1B	With Enclosure	77.6	72.7	75.4	71.3	74.2	
DG Set #2 ( 1250 KVA )							
2A	Without Enclosure	99.2	101.8	98.2	99.5	99.6	26.2
2B	With Enclosure	73.8	76.4	71.3	72.2	73.4	
DG Set #3 ( 180 KVA )							
3A	Without Enclosure	98.5	98.1	99.2	98.7	98.6	26.7
3B	With Enclosure	71.5	72.3	71.9	72.1	71.9	
<b>Remark-</b> The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25dB (A) insertion loss for meeting the ambient noise standard, whichever is on higher side. Above results are within the prescribed limit by Maharashtra Pollution Control Board consent.							
ANALYZED BY-				AUTHORIZED SIGNATORY			
							
							

**Terms and conditions**

1. The report is refer only to the sample tested and not applies to the bulk.
2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
4. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
6. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000039004

### Submitted Date

30-09-2021

## PART A

### Company Information

#### Company Name

M/s Berger Paints India Ltd.

#### Application UAN number

NA

#### Address

Plot No. G-35 ,MIDC Jejuri, Village Jejuri ,  
Tal- Purandar, Dist- Pune 412303

#### Plot no

Plot No. G-35

#### Taluka

Purandar

#### Village

Jejuri

#### Capital Investment (In lakhs)

7426.0

#### Scale

LSI

#### City

Pune

#### Pincode

412303

#### Person Name

Mr. Durgaprasad Date

#### Designation

Asst. Manger - Manufacturing

#### Telephone Number

7755941294

#### Fax Number

0

#### Email

durgaprasadate@bergerindia.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN No.  
0000086497/CR-2006000747

#### Consent Issue Date

17/06/2020

#### Consent Valid Upto

31/07/2025

#### Establishment Year

2015

#### Date of last environment statement submitted

Sep 19 2020 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Solid Paints (By blending & mixing process only)

#### Consent Quantity

3000

#### Actual Quantity

2388.952

#### UOM

MT/A

Liquid Paints ( Solvent Based)

9000

5709.189

KL/A

resin for intermediate

6000

3352.021

KL/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

KL/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
Cooling	32.00	30.00
Domestic	10.00	9.00
All others	10.00	10.00
<b>Total</b>	<b>55.00</b>	<b>51.00</b>

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Daily quantity of trade effluent from the factory	18	03	CMD
Daily quantity of sewage effluent from the factory	7.0	05	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Solid Paint (By blending &mixing process only)	0.0	0.0	CMD
Liquid Paints ( Solvent Based)	0.0	0.0	CMD
Resin for Intermediate ( Capative Consumption )	0.0	0.0	CMD

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Solid Color-Resin	1009.36	1113.252	MT/A
Solid Color-Filler/Extender	1024.52	1129.97	MT/A
Solid Color-Pigments & Additives	132.13	145.73	MT/A
Liquid Paints (Solvent Based)-Resin	1708.5	2854.5	MT/A
Liquid Paints (Solvent Based)-Solvent	1025.1	1676.01	MT/A
Liquid Paints (Solvent Based)-Pigments & Additives	683.4	1005.6	MT/A
Oil and Monomers - Resin	0.0	670.4	KL/A

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
High Speed Diesel	696	491.197	KL/A
Briquetters	139.2	0.0	MT/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
BOD	0.0723	24.1	NA	<100	NA

COD	0.2361	78.7	NA	<250	NA
Chlorides	0.3492	116.4	NA	<600	NA
Sulphates	0.3381	112.7	NA	<1000	NA
Oil & Grease	0.015	5.0	NA	<10	NA
TSS	0.1416	47.2	NA	<100	NA
TDS	3.24	1080	NA	2100	NA

### **[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
DG Set 1250 KVA -I-TPM	2.42	48.9	NA	150	NA
DG Set 1250 KVA-I -SO2	1.84	37.2	NA	--	NA
DG Set 180 KVA-II -TPM	0.196	38.1	NA	150	NA
DG Set 180 KVA-II -SO2	0.126	24.6	NA	--	NA
New AGI (I)Dust collector-TPM	3.43	48.5	NA	--	NA
New AGI (I) Dust collector- SO2	1.67	23.6	NA	--	NA
Thermic fluid heater (o2) steam boiler - TPM	3.43	43.6	NA	--	NA
Thermic fluid heater (o2) steam boiler - SO2	2.15	27.4	NA	--	NA
Bio briquette Boiler - TPM	3.34	40.1	NA	--	NA
Bio briquette Boiler - SO2	2.07	24.9	NA	--	NA
Powder coating collector stack - TPM	15.72	48.4	NA	--	NA
Powder coating collector stack - SO2	6.04	18.6	NA	--	NA
Protection plant dust collector - TPM	51.08	41.3	NA	--	NA
Protection plant dust collector - SO2	17.93	14.5	NA	--	NA
Resin fume extractor - TPM	4.71	42.1	NA	--	NA
Resin fume extractor - SO2	2.39	24.3	NA	--	NA

### **Part-D**

#### **HAZARDOUS WASTES**

##### **1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
21.1 Process wastes, residues and sludges	19.48	23.97	MT/A
20.3 Distillation residues	0.0	1.4	MT/A

##### **2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

### **Part-E**

#### **SOLID WASTES**

### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Mask & Gloves	0.0	0.312	MT/A
Waste Cartons	0.0	1.0	MT/A

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

## Part-F

**Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
21.1 Process wastes, residues and sludges	23.97	MT/A	Solid
20.3 Distillation residues	1.4	MT/A	Solid

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Mask and gloves	0.312	MT/A	Solid
Waste Cartons	1.0	MT/A	Solid

## Part-G

**Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.**

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

## Part-H

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

### **[A] Investment made during the period of Environmental Statement**

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacs)
air, noise, water quality monitoring drainage	Environment Monitoring and Management	1.5
Tree plantation	Green Belt Development	0.0
O & M of ETP & STP	Water Pollution Control	8
Scientific Disposal of Hazardous Waste	Hazardous Waste and Solid Waste Management	4.5

---

**[B] Investment Proposed for next Year**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
air, noise, water quality monitoring drainage	Environment Monitoring and Management	2
Tree plantation	Green Belt Development	3
O & M of ETP & STP	Water Pollution Control	15.6
Scientific Disposal of Hazardous Waste	Hazardous Waste and Solid Waste Management	08

**Part-I**

---

**Any other particulars for improving the quality of the environment.**

**Particulars**

Regularly carrying out Environmental Monitoring, Maintenance of Pollution Control Systems.Green belt development in plant premises .Always conducting Environment Awareness.Company celebrate World Environment Day and Plant nation in our premises and Plant donate in village school. We have appointed experienced consultants for the necessary guidance & implementation of the necessary control work.

**Name & Designation**

Mr. Durgaprasad Date - Asst. Manger - Manufacturing

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000039004

**Submitted On:**

30-09-2021

# MAHARASHTRA

## ENVIRO POWER LTD

ISO 9001:2015 | EMS 14001 : 2015 | OHSAS 18001 : 2007 Certified Company

(Common Hazardous Waste Treatment, Storage and Disposal Facility)

The Corporate Identity Number (CIN) : U40105MH2005PLC150780



SMS

Doc No. MEPL/MKT/FF/MC.

Issue/Rev. No.: 03/02

Rev. Date: 01.12.2020

## MAHARASHTRA ENVIRO POWER LTD

***This is to certify that: M/S. BERGER PAINTS INDIA LTD.***  
***Address: G-35, Additional Jejuri Industrial Area, Tal.- Purandar, Dist.-***  
***Pune, Jejuri 412303 a Valid member of CHWTSDF (As per MOU with***  
***MIDC & MPCB), at Plot No. P-56, Ranjangaon MIDC, Taluka – Shirur, Pune***  
***- 412 220.***

***Membership No. : MEPL/33001458***

***Membership Period: 02 December 2021 to 01 December 2026***

**For Maharashtra Enviro Power Ltd.**

**Authorized signatory**

**Marketing Coordinator**



CHWTSDF : Plot No. P-56, Ranjangaon, Tal. Shirur, Dist. Pune. Pin - 412220. Ph. : +91 - 2138-670352, Telefax : + 91-2138-670350.

Pune Office : 301, Pentagon P-3, Magarpatta Township, Hadapsar,  
Pune 411 028. (Mah.), India. Ph. : +91-20-66801111 Fax : +91-20-66801100  
Email : infomepl@smsl.co.in Web. : www.smsenvocare.co.in / www.smsl.co.in

Regd. Office : 267, Ganesh Phadnavis Bhavan, Near Triangular Park,  
Dharampath, Nagpur. Ph. : +91-0712-2551952/53 Telefax : +91-07120-6665100

Marketing Office (Abd): Bharat Bazar Commercial Complex, E-Wing, 2nd Floor, Near API Corner,  
MIDC Area, Chikhalthana, Aurangabad - 431210 Ph. : +91-240-2473047 Fax : +91-240-2470145  
Email : infomepl@smsl.co.in Web. : www.smsenvocare.co.in / www.smsl.co.in

Corporate Office : 20, IT Park, Parsodi, Nagpur - 440022  
Ph. : +91-0712-6665000 Telefax : +91-0712-6665100

"An Environmental Laboratory Accredited by NABL, ISO/IEC 17025:2005 TC-5138 & Recognized by MoEF&CC"





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000039004

### Submitted Date

30-09-2021

## PART A

### Company Information

#### Company Name

M/s Berger Paints India Ltd.

#### Application UAN number

NA

#### Address

Plot No. G-35 ,MIDC Jejuri, Village Jejuri ,  
Tal- Purandar, Dist- Pune 412303

#### Plot no

Plot No. G-35

#### Taluka

Purandar

#### Village

Jejuri

#### Capital Investment (In lakhs)

7426.0

#### Scale

LSI

#### City

Pune

#### Pincode

412303

#### Person Name

Mr. Durgaprasad Date

#### Designation

Asst. Manger - Manufacturing

#### Telephone Number

7755941294

#### Fax Number

0

#### Email

durgaprasadate@bergerindia.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

Format1.0/CAC/UAN No.  
0000086497/CR-2006000747

#### Consent Issue Date

17/06/2020

#### Consent Valid Upto

31/07/2025

#### Establishment Year

2015

#### Date of last environment statement submitted

Sep 19 2020 12:00:00:000AM

#### Industry Category Primary (STC Code) & Secondary (STC Code)

### Product Information

#### Product Name

Solid Paints (By blending & mixing process only)

#### Consent Quantity

3000

#### Actual Quantity

2388.952

#### UOM

MT/A

Liquid Paints ( Solvent Based)

9000

5709.189

KL/A

resin for intermediate

6000

3352.021

KL/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

KL/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

<b>Water Consumption for Process</b>	<b>Consent Quantity in m3/day</b>	<b>Actual Quantity in m3/day</b>
Cooling	32.00	30.00
Domestic	10.00	9.00
All others	10.00	10.00
<b>Total</b>	<b>55.00</b>	<b>51.00</b>

### 2) Effluent Generation in CMD / MLD

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Daily quantity of trade effluent from the factory	18	03	CMD
Daily quantity of sewage effluent from the factory	7.0	05	CMD

### 2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Solid Paint (By blending &mixing process only)	0.0	0.0	CMD
Liquid Paints ( Solvent Based)	0.0	0.0	CMD
Resin for Intermediate ( Capative Consumption )	0.0	0.0	CMD

### 3) Raw Material Consumption (Consumption of raw material per unit of product)

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Solid Color-Resin	1009.36	1113.252	MT/A
Solid Color-Filler/Extender	1024.52	1129.97	MT/A
Solid Color-Pigments & Additives	132.13	145.73	MT/A
Liquid Paints (Solvent Based)-Resin	1708.5	2854.5	MT/A
Liquid Paints (Solvent Based)-Solvent	1025.1	1676.01	MT/A
Liquid Paints (Solvent Based)-Pigments & Additives	683.4	1005.6	MT/A
Oil and Monomers - Resin	0.0	670.4	KL/A

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
High Speed Diesel	696	491.197	KL/A
Briquetters	139.2	0.0	MT/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (KL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
BOD	0.0723	24.1	NA	<100	NA

COD	0.2361	78.7	NA	<250	NA
Chlorides	0.3492	116.4	NA	<600	NA
Sulphates	0.3381	112.7	NA	<1000	NA
Oil & Grease	0.015	5.0	NA	<10	NA
TSS	0.1416	47.2	NA	<100	NA
TDS	3.24	1080	NA	2100	NA

### **[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
DG Set 1250 KVA -I-TPM	2.42	48.9	NA	150	NA
DG Set 1250 KVA-I -SO2	1.84	37.2	NA	--	NA
DG Set 180 KVA-II -TPM	0.196	38.1	NA	150	NA
DG Set 180 KVA-II -SO2	0.126	24.6	NA	--	NA
New AGI (I)Dust collector-TPM	3.43	48.5	NA	--	NA
New AGI (I) Dust collector- SO2	1.67	23.6	NA	--	NA
Thermic fluid heater (o2) steam boiler - TPM	3.43	43.6	NA	--	NA
Thermic fluid heater (o2) steam boiler - SO2	2.15	27.4	NA	--	NA
Bio briquette Boiler - TPM	3.34	40.1	NA	--	NA
Bio briquette Boiler - SO2	2.07	24.9	NA	--	NA
Powder coating collector stack - TPM	15.72	48.4	NA	--	NA
Powder coating collector stack - SO2	6.04	18.6	NA	--	NA
Protection plant dust collector - TPM	51.08	41.3	NA	--	NA
Protection plant dust collector - SO2	17.93	14.5	NA	--	NA
Resin fume extractor - TPM	4.71	42.1	NA	--	NA
Resin fume extractor - SO2	2.39	24.3	NA	--	NA

### **Part-D**

#### **HAZARDOUS WASTES**

##### **1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
21.1 Process wastes, residues and sludges	19.48	23.97	MT/A
20.3 Distillation residues	0.0	1.4	MT/A

##### **2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	0	0	MT/A

### **Part-E**

#### **SOLID WASTES**

### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Mask & Gloves	0.0	0.312	MT/A
Waste Cartons	0.0	1.0	MT/A

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

### 3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

## Part-F

**Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

### 1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
21.1 Process wastes, residues and sludges	23.97	MT/A	Solid
20.3 Distillation residues	1.4	MT/A	Solid

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Mask and gloves	0.312	MT/A	Solid
Waste Cartons	1.0	MT/A	Solid

## Part-G

**Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.**

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

## Part-H

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

### **[A] Investment made during the period of Environmental Statement**

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacs)
air, noise, water quality monitoring drainage	Environment Monitoring and Management	1.5
Tree plantation	Green Belt Development	0.0
O & M of ETP & STP	Water Pollution Control	8
Scientific Disposal of Hazardous Waste	Hazardous Waste and Solid Waste Management	4.5

---

**[B] Investment Proposed for next Year**

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
air, noise, water quality monitoring drainage	Environment Monitoring and Management	2
Tree plantation	Green Belt Development	3
O & M of ETP & STP	Water Pollution Control	15.6
Scientific Disposal of Hazardous Waste	Hazardous Waste and Solid Waste Management	08

**Part-I**

---

**Any other particulars for improving the quality of the environment.**

**Particulars**

Regularly carrying out Environmental Monitoring, Maintenance of Pollution Control Systems.Green belt development in plant premises .Always conducting Environment Awareness.Company celebrate World Environment Day and Plant nation in our premises and Plant donate in village school. We have appointed experienced consultants for the necessary guidance & implementation of the necessary control work.

**Name & Designation**

Mr. Durgaprasad Date - Asst. Manger - Manufacturing

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000039004

**Submitted On:**

30-09-2021

**List of Trees Planted**

<b>Sr. No</b>	<b>Particular</b>	<b>Qty</b>
1	Pimple	300
2	Vad	300
3	Jambhul	50
4	Guava	50
5	Lemon	100
6	Ashoka	200
7	Palas	150
8	Mango Simple	150
9	Chikoo	50
10	Awala	150
11	Neem	150
12	Mango- Hapus + Mix	300
13	Coconut	100
14	Anjir	100
15	Rubber	100
1	Acaccia leucophloea	22
2	Aegle marmelos	100
3	Albizia leebeck	500
4	Azadirchta indica	20
5	Bahunia racemosa	80
6	Butea monosperma	200
7	Cassia fistula	60
8	Holarrhena pubescence	50
9	Ixora parviflora	2
10	Madhuca latifolia	100
11	Mangifera indica	80
12	Manikara hexandra	50
13	Ptrocarpus marsupium	120
14	Sapindus laurifolius	80
15	Sterculia urens	60
16	Syzygium cumini	20
17	Tectona grandis	100
18	Termanalia arjuna	50
19	Termanalia bellerica	100
20	Thespesia populnea	50
21	Dendrocalamus strictus	30