



Date: -28/07/2023

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 2023 to June 2023

Reference

1. Environmental clearance letter No. SEIAA-EC0000002358, Dated 08/07/2021
2. Consent to 1<sup>st</sup> Operate for Expansion and amalgamation with existing consent no. Format 1.0/CAC/UAN No.0000086497/CR - 2006000747 Dated 17/06/2020
3. Consent to Establish (Expansion) vide No. Format 1.0/CAC/UAN No.0000086497/CR dated 16/6/2021
4. Consent to Operate (Expansion) with amalgamation vide No. Format 1.0/CAC/UAN No.0000118796/CO/22020012

Respected Sir,

We have obtained Environmental Clearance Letter No. SEIAA-EC0000002358, Consent to Establish No. Format 1.0/CAC/UAN No. 0000086497/CR for the Automotive Paint Factory at Plot No. G35, MIDC Jejuri, Taluqa Jejuri, Dist. Solapur. In compliance to the conditions stipulated in Environmental Clearance Letter No. SEIAA-EC0000002358, to Operate, we are submitting the Six Monthly Compliance Statement for the period January 2023 along with the desired information and documents needed for the same.

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**



**Krunal Salat**  
Factory Manager

CC to:

1. Member Secretary SEIAA, Environmental Department, Mumbai.
2. The Member Secretary, Maharashtra Pollution Control Board, Mumbai.
3. The Regional Officer, MPCB, Pune.

**BERGER PAINTS INDIA LIMITED**

G-35, Additional Jejuri Industrial Area, MIDC, Tal. Pu. Solapur, Dist. Solapur, Maharashtra - 431 001, Phone : 2229 9724-28, 2229 9725-28, CIN - L51434WB1923PLC004793, E-mail : consumercare@bergerpaints.com

Vertical stamp: sairakeshpt@gmail.com, Nasik

Postmark: भारतीय डाक, India Post

RM236555974IN IVR:8277236555974  
RL CHINCHWADGAON S.O <411033>  
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## Index

### Six Monthly Environmental Compliance Report: January 2023 to June 2023

#### Project: Berger Paints India Limited

<b>Sr. No.</b>	<b>Contents</b>
1	<b>Executive Summary</b>
2	<b>Data Sheet</b>
3	<b>EMP Cost</b>
4	<b>Report on Compliance of Environmental Clearance Conditions.</b>
5	<b>Report on Compliance of Conditions under Consent to Operate.</b>
	Annexure-I: Environmental Clearance letter & Validation Letter.
	Annexure-II: First Consent to Operate (Expansion) with amalgamation of existing Consent to Operate under Red/LSI.
	Annexure-III: Consent to Establish (Expansion) and Consent to First Operate (part I) for expansion, renewal of Consent to Operate and amalgamation.
	Annexure-IV: Photographs Meyawaki tree plantation.
	Annexure-V: Copy of Advertisement in Local News Papers.
	Annexure-VI: Monitoring reports.
	Annexure-VII: Environment statement report (Form-v).
	Annexure-VIII: Copy of membership of CHWTSDF.
	Annexure-IX: Hazardous waste returns.
	Annexure-X: List of Trees planted.
	Annexure-XI: MIDC Water Agreement.

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

**Period: January 2023 to June 2023**

**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
- Environmental clearance letter No. SEIAA-EC0000002358, Dated 08/07/2021
- Environmental Clearance Letter No. SIA/MH/IND2/226193/2021 Dated 23/08/2022 (Amendment).
- 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
- Consent to Establish (Expansion) granted vide No. Format 1.0/CAC/UAN No. 0000121222/CE-2106000751 dated 16/6/2021
- Consent to Operate (Expansion) with amalgamation of existing Consent to Operate No. Format 1.0/CAC/UAN No.0000118796/CO/2202001212 dated 28.07.2021 which is valid up to 31.07.2025

## **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	FicusBejamenia	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	PlumeriaRubra 5 feet height	4
8	Korean Lawn Pleat 2 square feet	5000
9	Acalifa 2 feet height	600
10	Tabourmontanaverigated 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	Plumeria rubra	4
21	Delonix regia	2

## **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)	3	Quarterly
2	Work Room Air Monitoring (Short term – 15 min) (RSPM, SPM, SO <sub>2</sub> , Nox )	10	Quarterly
	Work Room Air (VOC)Monitoring (Short term – 15 min) (Butane, toluene ,xylene, HCl)	9	Quarterly
3	Stack Emission Monitoring (TPM, SO <sub>2</sub> ,)	9	Quarterly
4	Ambient Noise Monitoring ( Day& Night)	8	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 ) (pH,TSS, BOD, COD)	2	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 2023 to June 2023**

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. SEIAA-EC0000002358, Dated 08/07/2021 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. Krunal Salat 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	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. 307.61 Crs</b> ( as per Consent to Operate) Year of price reference :													
	1.	Total Cost of the Project	<b>Rs. 307.61 Crs</b>													
	b.	Allocation made for environmental management plans with item wise and year wise Break-up.	The EMP cost for project has been calculated as per the Capital investment and Operation and maintenance cost. These cost are as follows:													
			<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>2.5</td> <td>1</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	2.5	1
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	2.5	1													

			3.	Environmental Monitoring & Legal Compliances		1.55
			4.	Dust Collector System	59	0.5
			5.	Soak Pit	5	
			6.	Hazardous Waste Management	1.5	
	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	50 Cr			
	f.	Actual expenditure incurred on the environmental management plans so far	148.4 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 )	completed			
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>1. 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>Environmental Clearance Letter no. SEIAA-EC0000002358, Dated: 08/07/2021 Please refer Annexure- For EC letter</p> <p>2. Environmental Clearance Letter No. SIA/MH/IND2/226193/2021 Dated 23/08/2022 (Amendment).</p> <p>3. 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. <b>Refer Annexure – II</b></p> <p>4. Consent to Operate (Expansion) with amalgamation of existing Consent to Operate No. Format1.0/CAC/UAN No.0000118796/CO/2202001212 dated 19.02.2022. <b>Refer Annexure – III</b></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.)		No letter issued so far.

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

Sr. No.	EMP Measures	2020-2021	2021-2022	2022-23	Total Cost
		Cost (Rs. In Lakhs)	Cost (Rs. In Lakhs)	Cost (Rs. In Lakhs)	(Rs. In Lakhs)
1	Rain water recharge system including storm water drainage	--			
2	Green belt development	7	20	20	47
3	Environmental monitoring and legal compliance	1.5	1.5	3	6
4	Dust collector system	--	--	3	3
5	Hazardous waste management	5	6	27	38
6	Sewage treatment plant	1.5	1.4	1	3.9
7	Effluent treatment plant	8	8	7.2	23.2
8	ZLD Plant	9.6	9.6	8.1	27.3
	<b>Total Cost</b>	<b>32.6</b>	<b>46.5</b>	<b>69.3</b>	<b>148.4</b>

## Berger Paints India Ltd.

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

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

Letter No. J-11011/1151/2007-IA-II (I) dated 14th March 2008 along with revalidation letter dated 11th June 2014.

(January 2023 to June 2023)

Sr. No.	Condition	Status
<b>PART A – SPECIFIC CONDITIONS</b>		
i)	The project authorities shall ensure periodical monitoring of the solvents like Xylene and Toluene. No Benzene shall be used in the process.	Noted and complied.
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%.	Dust Collector System has been installed in the production units for controlling dust emissions from current process.
iii)	The gaseous emissions (SO <sub>2</sub> , NO <sub>x</sub> , HCL, Toluene, Xylene, Butane) and particulate matters from various process units shall confirm 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.	Emission report for gaseous emissions has been attached along with report as <b>Annexure - I</b> . In event of failure, respective unit will not be restarted till the repair of fume extraction system.
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.	Monitoring arrangement with vents have been arranged for the sampling and monitoring done on regular basis. Reports of emissions is attached as <b>Annexure - I</b> .
v)	Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall confirm to the limits imposed by CPCB. For control of fugitive emission and VOCs following steps shall be followed:	Noted and complied.
A.	Closed handling system shall be provided for chemicals.	Noted and complied.
B.	Reflux condenser shall provide over reducer.	Noted and complied.
C.	Chemical handling pump shall be provided mechanical seals to prevent leakages.	Noted and complied.
D.	System of leak detection and repair of pump/pipeline based on preventive maintenance.	Noted and complied.

E.	Chemicals shall be taken to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.	Noted and complied.
vi)	During transfer of materials spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic waste and storm drains.	Noted and complied.
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 guidelines of CPCB.	Noted and complied.
viii)	Total water requirement shall not exceed 166 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.	ZLD system installed
ix)	The project authorities shall store ETP sludge in leachate proof storage facility at site and shall be incinerated. The incinerator shall be provided with the necessary air pollution control equipment and monitoring arrangement.	Noted and Complied
x)	The project authorities shall obtain prior permission for the withdrawal 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.	No ground water is being used. Current water has been provided by MIDC Jejuri. Letter from MIDC for water supply is attached as <b>Annexure - II.</b>
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.	Green Belt Development has been undertaken for the compliance of this condition. List of trees planted till date has been attached as <b>Annexure – III.</b>
xii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers done regularly from Certifying Surgeon. Copy of Health Register Form 7 attached as <b>Annexure – IV.</b>
i)	The projects authorities shall strictly adhere to the stipulations made by the state government, State Pollution Control Board and any other statutory body.	Noted and complied.
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.	Noted and complied.

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.	Noted and complied. Monitoring reports have been attached as <b>Annexure - I</b> .
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.	Noted and will be complied.
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.	Noted and will be complied.
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.	Noted and complied.
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 vapor losses. All liquid raw material shall be stored in storage Tanks and Drums.	Noted and complied.
viii)	The company shall undertake following Waste Minimization Measures.	Following measures have been taken.
	Metering and control of quantities of active ingredients to minimize waste.	Noted and shall be complied with when wet process start.
	Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	No raw material is converted into by-products during current process.
	Use of automated filling to minimize spillage.	Noted and will be complied.
	Use of "Closed Feed" system into batch reactors.	Noted and will be complied.
	Venting equipment through vapor recovery system.	Noted and will be complied.
	Use of high pressure hoses for equipment cleaning to reduce wastewater generation.	Not applicable for existing process.
x)	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,	Noted and complied.

	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).	Noted and complied. Reports attached as <b>Annexure - V.</b>
xi)	The company shall develop rain water harvesting structures to harvest the runoff water for recharge of ground water.	Rain water recharge pits have been developed along the periphery of the project.
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.	Company has undertaken various schemes aimed at community development and rural upliftment in the project area. <b>Annexure - VI</b>
xiii)	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.	Noted and complied with.
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.	A separate Environmental Management Cell for Environmental Management and Monitoring has been created apparently by outsourcing and permanent cell will be created when full potential operation starts.
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.	Noted and shall be complied with.
xvi)	The implementation of the project vis-à-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.	Noted and will be complied with.
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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local	An advertisement has been published in English as well as Marathi News Papers. Copy of the same has been attached as <b>Annexure - VII.</b>

	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.	Noted and complied with. Consent to Establish and Consent to Operate has been obtained.

## Report on Compliance of Conditions under Consent to Operate

**Consent No:** - Format1.0/CAC/UAN No.0000118796/CO/2202001212 Dated-19/02/2022

**Period: January 2023 to June 2023**

1. Valid up to: 31.07.2025

2. Capital Investment: Rs. 307.61 Crs. (Existing 112.5 Crs + Expansion 195.11 Crs).

Sr. No	Conditions	Compliance																								
3.	The Consent is valid for the manufacture of-																									
	1. Liquid Paint (Solvent Based) <b>48600 KL/A</b>	<b>2122 MT/Month</b>																								
	2. Resin (Solid and Liquid) intermediate <b>33000 MT/A</b>	<b>1082 MT/Month</b>																								
	3. Solid Color <b>6900 MT/A</b>	<b>170 MT/Month</b>																								
4.	Conditions under Water (P&CP) Act 1974 for discharge of effluents																									
	1.The quantity of Trade Effluent shall be: <b>28 CMD</b>	ZLD Provided																								
	2. The quantity of Domestic Effluent shall not exceed : <b>7.0CMD</b>	Provided STP with MBBR technology.																								
5.	Conditions under Air(P&CP) Act, 1981 for Air emissions																									
	1.Thermic fluid heater: 20 Lac kCal/hr. -01 No	Noted and complied																								
	2. Thermic fluid heater: 15 Lac kCal/hr. -01 No																									
	2. Boiler:-Nos of stack: 1	Noted and complied																								
	3.Solid power vent section:1	Noted and complied																								
	4.DG Set (180KVA & 1250KVA): Nos of stack: 2	Noted and complied																								
	5.ventury scrubber:1	Noted and complied																								
	6. Process vent (Dust Collector)-2 Nos																									
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Sr. No	Type of Waste	Category	Quantity	UO M	Actual quantity Avg. (Cons. Last six month)	Treatme nt	Disposal	Compliance																		



	1.	Used/ Spent oil	5.1	2.45	MT/ A	00	Recycle	Sale to Auth. Party/Re- processor	Noted and will be complied
	2.	Spent solvent	20.2	411.68	MT/ A	0	Recycle	CHWTSDf	Noted and will be complied
	3.	Distillation residue	20.3	85	MT/ A	24.15	Incineration	CHWTSDf	Noted and be complied
	4.	Empty barrels/contai ner/liners contaminated with hazardous chemicals/wa ste	33.1	2.94	MT/ A	2.20	Incineration	CHWTSDf	Noted and will be complied
	5.	Exhaust air or gas cleaning residue	35.1	51.46	MT/ A	0	Incineration	CHWTSDf	Noted and will be complied
	6.	Chemical sludge from waste water treatment	35.3	1.23	MT/ A	2.38	Secured landfill	CHWTSDf	Noted and will be complied
	7.	Process waste residues and sludges	21.1	38.5	MT/ A	11.42	Incineration	CHWTSDf	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.	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 purpose.						Noted and shall be complied		
10.	Industry shall comply as per the conditions stipulated in Environment Clearance issued vide No.J-11011-1151/2007-IA.111 dated 11 <sup>th</sup> June 2014.						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 and complied.		
12.	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.	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						Noted and complied.		

	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.				
2.	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.		
3.	As per your application, you have provided Sewage Treatment Plant of designed capacity 20 CMD for the treatment of 7 CMD of sewage.		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: 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		Noted and complied. Provided STP		
	C) The treated sewage effluent shall be disposed on land for gardening within premise. In no case treated sewage shall be disposed of outside the 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 as 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:				
	Sr. No.	Purpose of water consumed	Water consumption quantity (CMD)	Actual quantity	Compliance
	1.	Industrial Cooling, spraying in mine pits or boiler feed	139.00	75	Noted and complied. (Avg. Cons. Last six month (131 CMD))
	2.	Domestic Purpose	10.00	15	
	3.	Processing whereby water gets polluted & pollutants are easily biodegradable	7.50	06	
	4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.0		
	5	Others and Gardening purpose	49	35	
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/ Environmental Clearance/ CREP guidelines.				

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 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> Kg/D ay	Compliance
	1.	Thermic Fluid Heaters (20 Lac kCal/hr.01No) Thermic Fluid Heaters (15 Lac kCal/hr.01No)	Fabric bag filter sack Stack	30.0	HSD	328 Ltr/Hr.	96199 Kg/Month	1	2.58	Noted and complied
	2.	Steam Boiler (850 Kg/hr)	Stack	30.0	HSD	169.24 Ltr/Hr.	3423 Ltr/Month	1	3.05	
	3.	DG Set (180KVA)	Acoustic enclosure	30.0	HSD	145Ltr/Hr	3642 Ltr/M	1	0.11	
	4.	DG Set (1250 KVA)	Acoustic enclosure	30.0	HSD			1	1.49	
	5.	DG Set (1250 KVA)	Acoustic enclosure	30.0	HSD			1	1.48	
	6.	Process Vent (Dust Collector)	Fabric bag filter	30.0	-	-	-	-	-	
	7.	Process Vent (Dust Collector)	Fabric bag filter	30.0	-	-	-	-	-	
	8.	Process Vent (Venturi scrubber)	Venturi scrubber	30.0	-	---	---	--	---	

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.	Complied
	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.	Complied
	III.	The unit shall channelize shop floor or fugitive emission through a	Complied

	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				
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> .		Noted and complied				
4.	The applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation of thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.		Noted and shall be complied				
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.	<b>Guidelines for Solvent losses</b>						
	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 (Existing)	Submission Period	Purpose of BG	Compliance Period	Validity Date
	1.	C to O	2500000	Existing	Towards O&M of Pollution Control System and Compliance of Consent Conditions	31.7.2025	31/1/2026
<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` 1		
3.	<b>Conditions for D.G.Set</b>						
	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				Noted and complied Report attached as <b>Post Monitoring Reports : Annexure-VI</b>		

	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.	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 area 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. Monitoring reports attached as <b>Post Monitoring Reports: Annexure – VI</b>
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 Reports attached as <b>Post Monitoring Reports: Annexure –VI</b>
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 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.	Noted and shall be complied
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 –VIII.</b>
18.	An inspection book shall be opened and made available to the board's 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 measurers 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 Report attached as <b>Post Monitoring Reports: Annexure–VI</b>

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.	Complied
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 –X</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.	Complied <b>Annexure-VII</b>
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.

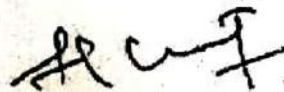
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- (xii) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of 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 :-

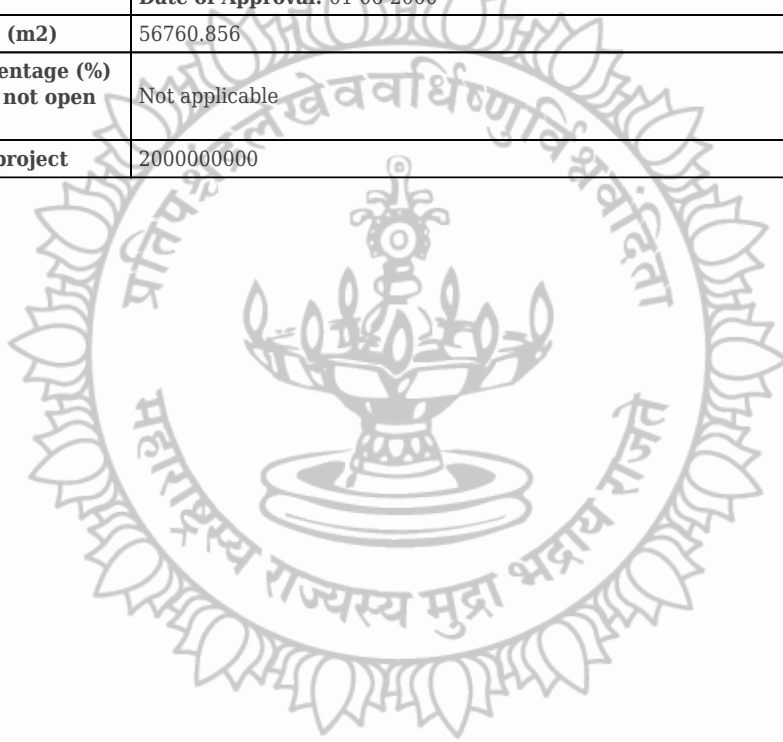
1.Name of Project	Environment Clearance for: Expansion of Integrated Paint Plant at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State
2.Type of institution	Private
3.Name of Project Proponent	M/S. BERGER PAINTS INDIA LIMITED
4.Name of Consultant	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

## 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	

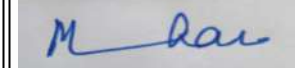


## 24.Details of Total water consumed

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



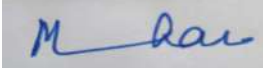
# Government of Maharashtra

*Manisha Patankar Mhaiskar*

## 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>	-

Government of  
Maharashtra



## 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.			

**Government of  
Maharashtra**

*M. Patankar*

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

Government of  
Maharashtra

	<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



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY**

No. SIA/MH/IND2/226193/2021  
Environment & Climate Change Department,  
Room No. 217, 2<sup>nd</sup> Floor,  
Mantralaya, Mumbai- 400032.  
Date- 23/08/2022

To  
M/s. Berger Paints India Limited  
Plot No. G35, Jejuri Additional Industrial Area,  
Jejuri, Taluka Purandhar, District Pune

**Subject:** Environment Clearance for Expansion of Integrated Paint Plant at Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune by M/s. Berger Paints India Limited.

**Reference:** Application no. SIA/MH/IND2/226193/2021

This has reference to your communication on the above mentioned subject. You have obtained Environmental Clearance no. SEIAA-EC0000002358, Dated: 08.07.2021. Now, you have applied for amendment in Environmental Clearance. Your proposal was considered in 248<sup>th</sup> meeting (Day-1) of SEIAA held on 17<sup>th</sup> August, 2022 and as per recommendation of SEAC, SEIAA after deliberation decided grant amendment in Environmental Clearance no. SEIAA-EC0000002358, Dated: 08.07.2021.

For Prior Environmental Clearance	EC recommended by SEIAA dated July 8, 2021	Request for Amendment
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	No Change
2 Type of Institution	Private	<b>Public Limited Organization</b>
3 Name of Project Proponent	M/S. BERGER PAINTS INDIA LIMITED	No Change
4 Name of Consultant	Kadam Environmental Consultants, Vadodara, Gujarat	No Change
5 Type of project	Not Applicable	No Change
6 New project/expansion existing project/modernization/diversification existing project	Expansion	No Change
7 If expansion	No	No Change

	/diversi ation, whether environ ntal clearanc CRZ clearanc has been obtaine for existing project		
8	Locatio of proje (Survey Number must be provide	Plot No. G35, Jejuri Additional Industrial Area, Jejuri, Taluka Purandhar, District Pune, Maharashtra State	No Change
9	Taluka	PURANDHAR	No Change
1	Village	JEJURI	No Change
	Corresp dence Name	Mr. Narayan S. shinalkar	No Change
	Room N	804	No Change
	Floor	3rd floor	No Change
	Buildin Name	804, windfall, sahar plaza, J B nagar	No Change
	Road/St et Name	ANDHERI KURLA ROAD	No Change
	Locality	ANDHERI (EAST)	No Change
	City	Mumbai	No Change
1	Whe in Corpora on / Municip / other area	Other Area- Industrial Estate	No Change
1	IOD/IO Concess n/Plan/ proval Number	Not Applicable IOD/IOA/Concession/Plan Approval Number: NOT APPLICABLE Approved Built-up Area: 57143.07	No Change No Change No Change
1	Note on the initiated work (If applicab )	Not Applicable	No Change
1	LOI/NO /IOD fr MHAD Other approva (if applicab )	MIDC Jejuri	No Change

1	Total Plot area (sq. m.)	73125				No Change	
1	Deductions	2173.93				No Change	
1	Net Plot Area	70951.07				No Change	
1	Proposed Built up Area (FSI & Non-FSI)	FSI Area (sq. m) : Not Applicable			No Change		
		Non FSI Area (sq. m) : Not Applicable			No Change		
		Total BUA area (sq. m) :			No Change		
1	Approved Built up area as DCR (n)	Approved FSI area (sq. m) : Not Applicable			No Change		
		Approved Non FSI area (sq. m) : Not Applicable			No Change		
		Date of Approval : 01-06-2000			No Change		
1	Total ground coverage (m2)	56760.856				No Change	
2	Ground coverage Percentage (%) (Not Percentage of plot not open to sky)	Not Applicable			No Change		
2	Estimated cost of project	2,000,000,000				No Change	
2	Production Detail						
	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)	Change in unit (KLPA /MTPA)		
	Liquid solvent based paints	9000	39600	48600	9000 KLP	39600 KLP	48600 KLPA
	Resin	6000	27000	33000	6000 MTPA	27000 MTPA	33000 MTPA
	solid coating (powder coating)	3000	3900	6900	3000 MTPA	3900 MTPA	6900 MTPA
2	Total Water Requirement						
	Dry Season						
	i) Source of Water	MIDC			No Change		
	ii) Fresh water (CMD)	231			167 CMD		
	iii) Recycle water	7			No Change		

	Flushing (CMD)		
	iv) Recycle water Garden (CMD)	31	38 CMD
	v) Swimming pool make up (Cum)	Not Applicable	No Change
	vi) Total water requirement (CMD)	308	219 CMD
	vii) Firefighting Underground water tank (CMD)	Nil	No Change
	viii) Firefighting Overhead water tank (CMD)	1200 KL	1200 KL x 2 nos. = 2400 KL
	ix) Excess treated water	Nil	No Change
	Wet Season		No Change
	i) Source of Water	MIDC	No Change
	ii) Fresh water (CMD)	231	167 CMD
	iii) Recycle water Flushing (CMD)	7	No Change
	iv) Recycle water Garden (CMD)	31	38 CMD
	v) Swimming pool make up (Cum)	Not Applicable	No Change
	vi) Total water requirement (CMD)	308	219 CMD
	vii) Fire	Nil	No Change

	fighting Underground water tank (CMD)																				
	viii) Fire fighting Overhead water tank (CMD)	1200 KL																			1200 KL x 2 nos. = 2400 KL
	ix) Excess treated water	Nil																			No Change
	Details Swimming pool (any)	Not Applicable																			
	Details Total water consumption	No Change																			
2																					
	Particular	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
	Water Requirement	Exist	Proposed	Total	Exist	Proposed	Total	Exist	Proposed	Total	Water Requirement	Exist	Proposed	Total	Exist	Proposed	Total	Exist	Proposed	Total	
	Domestic	0	2	2	0		2	7	0	7	Domestic	9	0	9	23	39	62	7	0	7	
	Industrial Process	7.5	7.5	0	3.5		3.5	0	4	4	Industrial Process	0	0	0	0	0	0	1	0	1	
	Cooling Tower & Thermoc	2	11	139	20	106	126	4	10	14	Cooling Tower & Thermoc (Industrial cooling)	27	42	69	0	0	0	4	3	7	
	Garden	1	1	20	19	1	20	0	0	0	Garden (Green)	27	11	38	0	0	0	0	0	0	
											Boiler	10	10	20	10	0	4	2	2	4	
											Other (HVAC, System, Aut, GL, FE, Scrubber, Res, water, ng, QC lab)	44	39	83	0	0	0	7	26	33	

										So									
Fresh Water Requirement	5	17	231	43	166	209	24	16	40	Fre Wa Rec rement	117	102	21	33	39	66	21	31	52
2 Rain Water Harvesting (RWH)																			
i) Level of the ground water table	It ranges from 15 to 20 m bgl									No Change									
ii) Size and no of RWH tank(s) and Quantit	01 Nos Size at the top(17.8 mtr x 15.0 mtr ) size at bottom (6.4 mtr x 3.6 mtr)									No Change									
iii) Location of the RWH tank(s)	location is on layout map									No Change									
iv) Quantit of recharge pits propose	One Rain Water Harvesting Pond									No Change									
v) Size of the recharge pit	6.4 mtr x 3.6 mtr									No Change									
vi) Budgeta allocatio (Capital cost)	-									No Change									
vii) Budgeta allocatio (O & M cost) :	-									No Change									
viii) Details UGT tanks if any	U/G storage tank: 2 nos. , 100KL & 60 KL									Recharge pit of 400 KL capacity.									
2 Storm water drainage										No Change									
i) Natur water	towards SW direction									No Change									



	drainage pattern		
	ii) Quantity of storm water	-	No Change
	iii) Size SWD	2m depth x 1.2 width	No Change
2	Sewage and wastewater Demand		No Change
	i) Sewage generation in KLD	10 KLD after proposed expansion	7 KLD
	ii) STP technology	MBBR technology	No Change
	iii) Capacity of STP	1 no.; capacity:20 KLD	No Change
	iv) Location & area of the STP	Near ETP, area: 20 m2	No Change
	vi) Budget allocation (Capital cost)	20 Lakh	No Change
	vii) Budget allocation (O & M cost) :	200 Rs/Day	No Change
2	SOLID WASTE MANAGEMENT		No Change
	Waste Generated in the Pre-Construction & Construction phase		No Change
	i) Waste generation	No construction activities are involved hence such waste generation is not envisaged	No Change
	ii) Disposal of the construction waste debris	No construction activities are involved hence generation and disposal of such wastes is not envisaged	No Change
	Waste generation in operation Phase:		No Change

i) Dry waste	NOT APPLICABLE	
ii) Wet waste	Not Applicable	
iii) Hazardous waste	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	No Change
iv) Biomedical waste (If applicable)	Not Applicable	No Change
v) STP Sludge	1 kg/day	No Change
vi) Other if any	Boiler ash: total 96 MT per Month	<b>Boiler ash: total 35 MT per Month</b>
Mode of Disposal of waste		No Change
i) Dry waste	sale to scrap dealer	No Change
ii) Wet waste	Not Applicable	No Change
iii) Hazardous waste	Sent to to CHWTSDF for landfilling & Sale to Authorised recycler	No Change
iv) Biomedical waste (If applicable)	Not Applicable	No Change
v) STP Sludge	as manure for gardening	No Change
vi) Other if any	Sale to cement/ brick manufacturing	No Change
Area requirement:		No Change
i) Location (s)	location is on layout map	No Change
ii) Area for the storage waste & other material	22.6 acre	<b>210 m<sup>2</sup></b>
iii) Area for machine	67200 m <sup>2</sup> Processing area	<b>Processing area will be 61121.7 m<sup>2</sup></b>
Budget allocation (Capital cost and O&M)		No Change

	cost):					
	i) capital cost	INR 200 CRORE			No Change	
	ii) O & Cost	-			No Change	
2	Effluent Characteristics				No Change	
	Parameters (Multiple Entries allowed)	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)	No Change
1	pH	-	6.6	7.3	5.5 - 9.0	No Change
2	Oil & Grease	mg/l	10	<0.1	10 max	No Change
3	BOD	mg/l	1117	14	100 max	No Change
4	TDS	mg/l	1130	260	2100 max	No Change
5	Suspended Solid	mg/l	572	11	100 max	No Change
6	COD	mg/l	3192	40	250 max	No Change
7	Chloride	mg/l	15	11.8	600 max	No Change
	i) Amount of effluent generated (CMD)	65			45 CMD	
	ii) Capacity of the ETP:	85 & 20			50 CMD	
	iii) Amount of treated effluent recycled	101			45 KLD	
	iv) Amount of water sent to the CETP	Not Applicable			No Change	
	v) Membership of CETP (if required)	Already member of CETP			proposed to install ZLD at site hence no water will be discharged outside	
	vi) Note on ETP technology to be used	as per PFR and Annexure of form I			No Change	
	vii) Disposal of the ETP sludge	packed in bags and sent to CHW-TSDF Site at MIDC, Talaja.			Disposal of the ETP sludge is mentioned packed in bags and sent to CHW-TSDF Site will be MEPL, MIDC, Ranjangaon, Shirur	
3	Hazardous					

Waste Details													
Description (Multiple Entries allowed)	Ca	UOM	Existing	Propose	Total	Method of Disposal							
1		35	MTPA	0.23	1	1.23	CHWTSDF site	No Change					
2		5.1	MTPA	0.45	2	2.45	Sale to authorised recycler	No Change					
3		20.21	MTPA	75.68	336	411.68	Recycling In-house	No Change					
4		20.21	MTPA	22.7	100.8	123.5	CHWTSDF site	No Change					
5		33	MTPA	0.54	2.4	2.94	CHWTSDF site	No Change					
6		35	MTPA	9.46	42	51.46	CHWTSDF site	No Change					
3 Stacks emission Details													
Section units (Multiple Entries allowed)	Fuel Use with Quantity	Stack No	Height from ground level (m)	Internal diameter (mm)	Temp. of Exhaust Gases	Section & unit (Multiple Entries allowed)	Fuel Use with Quantity	Stack No	Height from ground level	Internal diameter (mm)	Temp. of Exhaust Gases		
1	DG Set HSD, 12 KVA	3	30	400 mm	<100 deg C	DG Set	HSD, 125 KVA	1	30	400 mm	<100 deg		
2	DG Set HSD 180 KVA	2	30	400 mm	<100 deg C	DG Set	HSD 180 KVA	1	30	400 mm	<100 deg		
3	DG Set HSD 125 KVA	2	30	400 mm	<100 deg C	DG Set	HSD 125 KVA	1	30	400 mm	<100 deg		
4	Steam Boiler 850 kg/hr	4	30	400 mm	<100 deg C	Steam Boiler	No Change						
5	Thermal Fluid Heater 20 lac kcal/hr	1	3.5	700 mm	<100 deg C	Thermal Fluid Heater	20 lac kcal/hr	1	30.5	700 mm	<100 deg		
6	Thermal Fluid Heater 15 lac kcal/hr	1	3.6	700 mm	<100 deg C	Thermal Fluid Heater	15 lac kcal/hr	1	30.5	700 mm	<100 deg		
						Thermal Fluid Heater	4 lac Kcal/Hr	1	30.5	700 mm	<100 deg		
3 Details													

Fuel to used							
Type of Fuel (Multiple Entries allowed)	Existing	Proposed	Total	Type Fuel (Multiple Entries allowed)	Existing	Proposed	Total
1 HSD for Boilers (Lit/hr)	29	140.24	169.24	HSD for Boilers (Lit/hr)	No Change		
2 HSD for DG Sets (Lit/hr)	145	145	290	HSD for DG Sets (Lit/hr)	No Change		
2 HSD for Thermic fluid heater (Lit/hr)	-	328	328	HSD for Thermic fluid heater (Lit/hr)	No Change		
				LDC for Boilers	-	1.39 TPD	1.39 TPD
				Biofuel for Thermic fluid heater	-	8.64 TPD	8.64 TPD
3 Source of Fuel	HSD:HPCL, Loni Depot; Vendor Not Finalized			BPCL/HPCL/IOCL , Loni Depot or as per availability			
3 Mode of Transportation of fuel to site	by road tankers, trucks			No Change			
3 Energy							
a) Power supply:							
i) Source of power supply	Maharashtra Electricity Supply Board (MESB)			Maharashtra State Electricity Distribution Company Limited			
ii) Duration of Construction Phase (Demand Load)	nil			No Change			
iii) DG as Power back-up during construction phase	Not applicable			No Change			
iv) Duration of Operation phase (Connected Load)	9067 KVA			No Change			
v) Duration of Operation	1350 KVA			2780 KVA			

	phase (Demand Load)					
	vi) Transformer	1600 KVA 02 nos		No Change		
	vii) DG set as Power back-up during operation phase	The DG sets (1250 KVA - 2, 180 KVA 1, .) are available plant as a backup source in case of power failure		No Change		
	viii) Fuel Used	HSD		No Change		
	ix) Details of high tension line passing through the plot any	No		No Change		
	b) Energy saving by non-conventional method			No Change		
3	Detail calculations & % saving:			No Change		
	Energy Conservation Measure	Saving %		No Change		
1	-	Not Applicable		No Change		
3	Details pollution control Systems					
	Source	Existing pollution control system	Proposed to be installed	Source	Existing pollution control system	Proposed to be installed
1	Air	Wet scrubber, Carbon filter, Dust collector, Stack with adequate height	not required	Air	Wet scrubber Carbon filter, Dust collector Stack with adequate height	Proposed to be installed Dust collector, Fume Extraction system
2	Water	ETP, STP	adequate size of ETP and STP additional pollution load	Water	ETP, STP	adequate size of ETP STP for additional pollution load along with ZLD


3	Noise	Acoustic Enclosures	No additional DG sets	Nois	Acoustic Enclosure	Acoustic Enclosure for additional DG		
4	Solid Waste	Membership with CHV TSDF , Taloja	will be covered in same the membership	Solid Was	Membersh with CHV TSDF, MEPL Ranjangad Shirur	will be covered in the same membership		
	Budget Allocated (Capital cost and O&M cost):	Capital Cost	-	No Change				
		O & M Cost	-	No Change				
3	Environmental Management plan Budget Allocated				No Change			
	a) Construction phase (with Break-up):				No Change			
	Attribut	Parameter	Total Cost per annum (Rs. in Lacs)	No Change				
1		Not Applicable	Not Applicable	No Change				
	b) Operation Phase (with Break-up):				b) Operation Phase (with Break-up):			
	Component	Description	Capital cost Rs. Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)	Component	Description	Capital cost Rs. in Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
	Air Pollution Control	Installation of two new stacks of height 30m for boiler	30.00	-	Air Pollution Control	Installation of two new stacks height 30m for boiler	69.00	-
	Air Pollution Control	Installation of Existing air pollution equipment	119.00	0.00	Air Pollution Control	Installation of Existing air pollution equipment	119.00	0.00
	Air Pollution Control	Existing flue gas at process stacks	92.00	0.00	Air Pollution Control	Existing flue gas and process stacks	92.00	1.32
2	Water Pollution	existing E & STP	-	6.20	Water Pollution	existing ETP	250.00	15.00

	Control					on Cont I	STP		
3	Storage chemicals (inflammable/explosive/hazardous/toxic substances)								
	Description (Multiple Entries allowed)	Storage Location	Storage Capacity MT	Maximum Quantity of Storage at a point of time MT	Consumption / Month MT	Source of Supply	Means of transportation	No Change	
1	Liquid paint (solvent based)	R.M.s age with plan premises	Container 4lt, 10lt, 20 200lt	2000 kl	-	supplier from various parts of India	Drum barrel	No Change	
2	Resin (intermediate for captive consumption)	R.M.s age with plan premises	Medium Storage Tank	-	-	supplier from various parts of India	STORAGE TANK	No Change	
3	Solid color (Powder Coating)	R.M.s age with plan premises	Box 10kg, 15kg, 20kg	250 MT	-	supplier from various parts of India	BOX	No Change	
4	Other Information:								
	i) CRZ/RRZ clearance obtained, any	Not applicable						No Change	
	ii) Distance from protected areas	Not applicable						No Change	
	iii) Category as per schedule of EIA Notification sheet	5 (h) - B						No Change	
	iv) Court cases pending any	Not applicable						No Change	
	v) Other Informations	Not applicable						No Change	



vi) Have you previously submitted Application online on MOI Website	Yes	No Change
vii) Date of online submission	25-06-2019	No Change

All the other terms and conditions mentioned in the EC letter dated 31.03.2022 shall remain the same.

  
 Manisha Patankar  
 (Member Secretary, SEAA)

23/6/2022



# 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

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
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:

<b>Stack No.</b>	<b>Source</b>	<b>APC System provided/proposed</b>	<b>Stack Height(in mtr)</b>	<b>Type of Fuel</b>	<b>Sulphur Content(in %)</b>	<b>Pollutant</b>	<b>Standard</b>
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.
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.

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This certificate is digitally & electronically signed.

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## 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.0000101222/CE-2106000751

Date: 16/06/2021

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



Your Service is Our Duty

**Sub: Grant of Consent to Establish for proposed expansion.**

- Ref:**
- Existing Consent to Operate No. Format 1.0/CAC/ UAN No. 0000086497/ CR-2006000747 dtd. 17.06.2020 up to 31.07.2025.
  - Consent to Establish for expansion accorded by the Board vide No. Format 1.0/BO/CAC-Cell/ UAN No. 0000042777/ E/ 5th CAC-1811001371 dtd. 29.11.2018.
  - Minutes of Consent Appraisal Committee meeting held on 12 & 15/04/2021.

Your application No.MPCB-CONSENT-0000101222 Dated 29.10.2020

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:

- The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.
- The capital investment of the project is Rs.307.61 Crs. (As per C.A Certificate submitted by industry Existing C.I. is-Rs. 112.5 Crs + Expansion/ Increase in C.I. - Rs. 195.11 Crs)
- Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	UOM
Products			
1	Liquid paint (solvent based)	3300	MT/M
2	Resin (Solid/ Liquid intermediate for captive consumption)	2250	MT/M
3	Solid paint (solvent based)	375	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	45	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:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	D.G. Sets (1250 & 180 KVA)	1	As per Schedule -II
2	S-2	Boiler (8 Nos.)	1	As per Schedule -II
3	S-3	D.G. Set (1250 KVA)	1	As per Schedule -II
4	S-4	Steam Boiler	1	As per Schedule -II
5	S-5	Thermic Fluid Heater (20 lac kcal/hr)	1	As per Schedule -II
6	S-6	Thermic Fluid Heater (15 lac kcal/hr)	1	As per Schedule -II
7	S-7	Thermic Fluid Heater (4 lac kcal/hr)	1	As per Schedule -II
8	S-8	Steam Boiler	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Mask & Hand gloves	0.3	MT/A	NA	Sale to Auth. Party/ Vendor
2	Cotton Waste	2.4	MT/A	NA	Sale to Auth. Party/ Vendor

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 or spent oil	7	MT/A	Recycle	Sale to Auth. Party/ CHWTSDF
2	20.2 Spent solvents	684	MT/A	Recycle/ Incineration	Sale to Auth. Party/ CHWTSDF
3	20.3 Distillation residues	66.5	MT/A	Incineration	CHWTSDF
4	21.1 Process wastes, residues and sludges	100	MT/A	Recycle/ Incineration	Sale to Auth. Party/ CHWTSDF
5	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	500	Nos./Y	Recycle	Sale to Auth. Party/ CHWTSDF
6	35.3 Chemical sludge from waste water treatment	53	MT/A	Secured Landfill	CHWTSDF

Maharashtra Pollution Control Board  
60c98d94b8d6bd7fab50190c

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
7	Waste generated from Paint manufacturing section	909	MT/A	Recycle/ Incineration	Sale to Auth. Party/ 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. Industry shall not take effective steps towards proposed expansion unless Environment Clearance for expansion is obtained.
11. Industry shall operate & maintain ETP and 100% recycle treated trade effluent into process and for cooling tower make up to achieve ZLD.
12. Industry shall extend existing Bank Guarantee of Rs. 5 Lakh towards compliance of the Consent to Establish conditions.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	390220.00	MPCB-DR-2772	09/11/2020	NEFT
2	75000.00	MPCB-DR-3325	16/12/2020	NEFT

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 50 CMD consisting of Primary, Secondary & Tertiary treatment for the treatment of 45 CMD 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 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.

Sr.No	Parameters	Standards	
1	BOD	Not to exceed	30 mg/l
2	Suspended Solids	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:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	117.00
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	30



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 Strom-Water:
- Strom 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.
  - Strom 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 proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/prop osed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	D.G. Sets (180 & 1250 KVA)	Acoustic Enclosure/ Stack	30.00	HSD 145 Kg/Hr	1	SO2	70 Kg/Day
S-2	Boiler (0.93 TPH)	Stack	30.00	LDO 29 Kg/Hr	1.8	SO2	25 Kg/Day
S-3	D.G. Set (1250 KVA)	Acoustic Enclosure/ Stack	30.00	HSD 110 Kg/Hr	1	SO2	53 Kg/Day
S-4	Steam Boiler (1.86 TPH)	Stack	30.50	HSD 70.12 Kg/Hr	1	SO2	34 Kg/Day
S-5	Thermic Fluid heater (20 lac kcal/hr)	Bag Filter	30.50	Bio Briquettes 360 Kg/Hr	0.2	SO2	3.5 Kg/Day
						TPM	150 Mg/Nm <sup>3</sup>
S-6	Thermic Fluid Heater (15 lac kcal/hr)	Stack	30.50	HSD 164 Kg/Hr	1	SO2	79 Kg/Day
S-7	Thermic Fluid Heater (4 lac Kcal/Hr)	Stack	30.50	HSD 45 Kg/Hr	1	SO2	22 Kg/Day



Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-8	Steam Boiler (1.86 TPH)	Stack	30.50	HSD 70.12 Kg/Hr	1	SO2	34 Kg/Day

- 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 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	C2E (Expansion)	500000	Existing	Towards compliance of EC & consent to establish conditions	30.04.2026	31.08.2026

**\*\*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**

<b>Srno.</b>	<b>Consent (C2E/C2O/C2R)</b>	<b>BG imposed</b>	<b>Purpose of BG</b>	<b>Amount of BG Returned</b>
			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.



# Maharashtra Pollution Control Board

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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.
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.



# Maharashtra Pollution Control Board

## 60c98d94b8d6bd7fab50190c

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.

For and on behalf of the  
Maharashtra Pollution Control Board.

  
(Ashok Shingare IAS),  
Member Secretary



**Maharashtra Pollution Control Board**  
**60c98d94b8d6bd7fab50190c**

**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)



Kalpataaru 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**

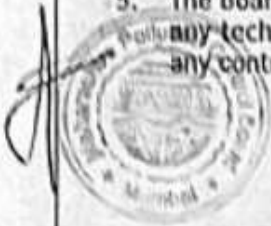
1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	SPM	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.
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13. The IP shall provide personal protection equipment as per norms of Factory Act
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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.
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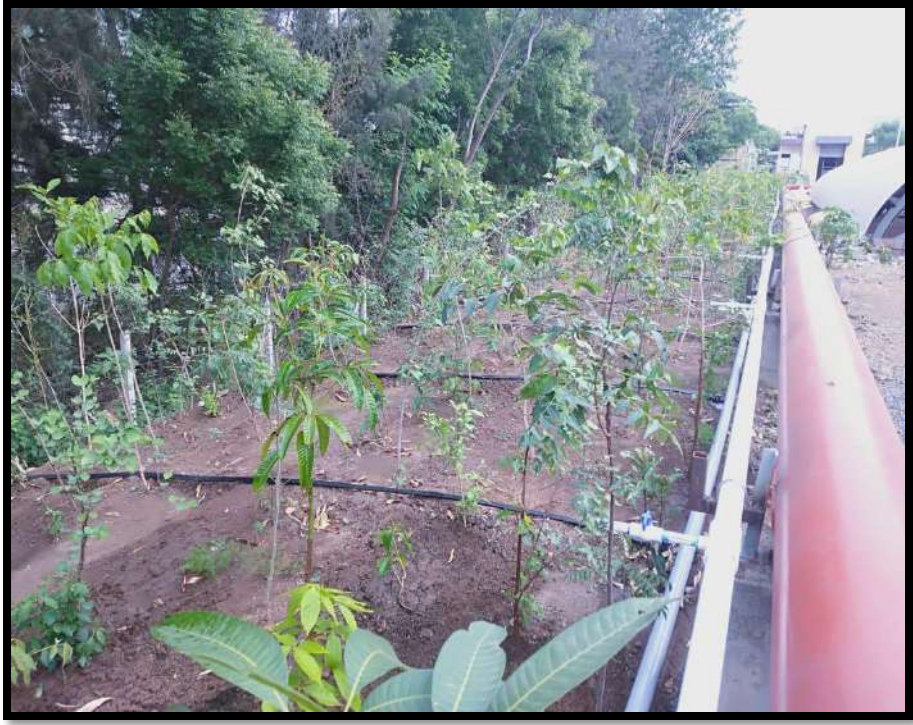


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30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
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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.











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  
सर्वप्रथम लोकसत्ता आमच्या अशील मे. बर्जर पेंट्स इंडिया लि.कडून वळखण्यात येते आहे.  
आमच्या "न्यू ऑटोमोटिव्ह पेंट फॅक्टरी जेजुरी, ता. पुरंदर, जि. पुणे येथील बर्जर पेंट्स इंडिया लि. यांच्या औद्योगिक प्रकल्पाला केंद्रीय पर्यावरण आणि वन मंत्रालय, भारत सरकार, नवी दिल्ली यांचेकडून पर्यावरण मंत्रालय देण्यात आले आहे.  
सदर पर्यावरणविषयक मंत्रालयाची प्रज्ञा/महाराष्ट्र प्रदूषण नियंत्रण मंडळ आणि कार्यालयामध्ये आणि केंद्रीय पर्यावरण आणि वन मंत्रालया येथील <http://www.envfor.nic.in> या संकेतस्थळावर उपलब्ध आहे.  
संकेतस्थळ -  
श्री. ए. सेन  
व्हाईस प्रेसिडेंट आणि कंपनी सेक्रेटरी  
मे. 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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**TESTREPORT**

<b>Test Report No:-</b>	GESEC/PRO/AAQM/2022-23/05/661	<b>Report Date</b>	31/05/2023	
<b>Sample ID:-</b>	GESEC/PRO/AAQM/2022-23/05/661			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
<b>Ambient Air Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Ambient Air	Near Main Gate		Waingade Enviro & Agro Solutions	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
10.00 am	10.00 am		24Hrs.	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	33	<b>Wet Bulb Temperature °C</b>	30	
<b>Dry Bulb Temperature °C</b>	33	<b>Relative Humidity % RH</b>	58	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
23/05/2023 To 24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name Of Instrument</b>	Fine Dust Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1524	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>NAAQ Standards</b>	<b>Result</b>
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182(PART2):2017	µg/M <sup>3</sup>	≤80	11.7
Nitrogen Dioxide (NO <sub>2</sub> )	IS:5182(PART6):2018	µg/M <sup>3</sup>	≤80	23.4
Particulate Matter PM <sub>10</sub>	IS:5182(PART4):2019	µg/M <sup>3</sup>	≤100	55.3
Particulate Matter PM <sub>2.5</sub>	IS:5182(PART24):2019	µg/M <sup>3</sup>	≤60	24.7
Ozone(O <sub>3</sub> )For 8Hrs.	Method 411, Air Sampling and Analysis 3 <sup>rd</sup> Ed,2013	µg/M <sup>3</sup>	≤100	< 20.0
Ammonia(NH <sub>3</sub> )For24Hrs.	Method 401, Air Sampling and Analysis 3 <sup>rd</sup> Ed,2013	µg/M <sup>3</sup>	≤400	13.5
Carbon Monoxide(CO)	MASA-8223rdEdition	mg/M <sup>3</sup>	≤04	0.7
Benzene(C <sub>6</sub> H <sub>6</sub> )	IS5182(Part11):2006(RA2017)	µg/M <sup>3</sup>	≤05	BDL
Benzo(a)Pyrene(BaP)	CPCBManualVol12011	ng/M <sup>3</sup>	≤01	BDL
Arsenic(As)	MASA-8223rdEdition	ng/M <sup>3</sup>	≤06	BDL
Nickel(Ni)	MASA-8223rdEdition	ng/M <sup>3</sup>	≤20	BDL
Lead(Pb)	MASA-8223rdEdition	mg/M <sup>3</sup>	≤01	BDL
<b>Remark-</b>	<ul style="list-style-type: none"> <li>➤ All above results are within National Ambient Air Quality standards.</li> <li>➤ BDL-Below Detectable Limit.</li> </ul>			
		 <b>Mr. Vinod Hande</b> <b>(Technical Manager)</b> <b>Reviewed &amp; Authorized By</b>		

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TESTREPORT			
Test Report No:-	GESEC/PRO/AAQM/2022-23/05/662	Report Date	31/05/2023
Sample ID:-	GESEC/PRO/AAQM/2022-23/05/662		
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.		
Ambient Air Sample Details			
Type	Sampling Location	Sampling done by	
Ambient Air	Near Backside of Company	Waingade Enviro & Agro Solutions	
Sampling Time			
Start Time	Stop Time	Total Hrs.	
10.15 am	10.15 am	24Hrs.	
Metrological Data/Environmental Conditions			
Ambient Temperature °C	33	Wet Bulb Temperature °C	30
Dry Bulb Temperature °C	33	Relative Humidity % RH	58
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
23/05/2023 To 24/05/2023	25/05/2023	25/05/2023	31/05/2023
Name of Instrument	Respirable Dust Sampler	Date Of Calibration	19/10/2022
Calibration Certificate No.	SSEC/FF/1525	Due Date of Calibration	18/10/2023

Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	µg/M <sup>3</sup>	≤80	12.2
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	µg/M <sup>3</sup>	≤80	21.6
Particulate Matter PM <sub>10</sub>	IS:5182(PART4):2019	µg/M <sup>3</sup>	≤100	54.4
Particulate Matter PM <sub>2.5</sub>	IS:5182(PART24):2019	µg/M <sup>3</sup>	≤60	25.2
Ozone(O <sub>3</sub> ) For 8Hrs.	Method 411, Air Sampling and Analysis 3 <sup>rd</sup> Ed,2013	µg/M <sup>3</sup>	≤100	< 20.0
Ammonia(NH <sub>3</sub> )For 24Hrs.	Method 401, Air Sampling and Analysis 3 <sup>rd</sup> Ed,2013	µg/M <sup>3</sup>	≤400	15.3
Carbon Monoxide(CO)	MASA-8223rdEdition	mg/M <sup>3</sup>	≤04	0.8
Benzene(C <sub>6</sub> H <sub>6</sub> )	IS5182(Part11):2006(RA2017)	µg/M <sup>3</sup>	≤05	BDL
Benzo(a) Pyrene(BaP)	CPCBManualVol12011	ng/M <sup>3</sup>	≤01	BDL
Arsenic(As)	MASA-8223rdEdition	ng/M <sup>3</sup>	≤06	BDL
Nickel(Ni)	MASA-8223rdEdition	ng/M <sup>3</sup>	≤20	BDL
Lead(Pb)	MASA-8223rdEdition	mg/M <sup>3</sup>	≤01	BDL

**Remark-**

- All above results are within National Ambient Air Quality standards.
- BDL-Below Detectable Limit.



*Handwritten signature*

**Mr. Vinod Hande**  
(Technical Manager)  
Reviewed & Authorized By


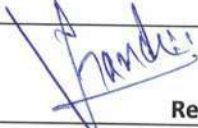
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**TEST REPORT**

<b>Test Report No:-</b>	GESEC/PRO/AAQM/2022-23/05/663	<b>Report Date</b>	31/05/2023	
<b>Sample ID:-</b>	GESEC/PRO/AAQM/2022-23/05/663			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
<b>Ambient Air Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>	<b>Sampling done by</b>		
Ambient Air	Near Protection North West Corner	Waingade Enviro & Agro Solutions		
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>	<b>Total Hrs.</b>		
10.30 am	10.30 am	24Hrs.		
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	33	<b>Wet Bulb Temperature °C</b>	30	
<b>Dry Bulb Temperature °C</b>	33	<b>Relative Humidity % RH</b>	58	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
23/05/2023 To 24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name of Instrument</b>	High Volume Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1528	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>NAAQ Standards</b>	<b>Result</b>
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	µg/M <sup>3</sup>	≤80	15.4
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	µg/M <sup>3</sup>	≤80	29.8
Particulate Matter PM <sub>10</sub>	IS:5182(PART4):2019	µg/M <sup>3</sup>	≤100	58.2
Particulate Matter PM <sub>2.5</sub>	IS:5182(PART24):2019	µg/M <sup>3</sup>	≤60	29.21
Ozone(O <sub>3</sub> ) For 8Hrs.	Method 411, Air Sampling and Analysis 3 <sup>rd</sup> Ed,2013	µg/M <sup>3</sup>	≤100	< 20.0
Ammonia(NH <sub>3</sub> )For 24Hrs.	Method 401, Air Sampling and Analysis 3 <sup>rd</sup> Ed,2013	µg/M <sup>3</sup>	≤400	20.3
Carbon Monoxide(CO)	MASA-8223rdEdition	mg/M <sup>3</sup>	≤04	0.9
Benzene(C <sub>6</sub> H <sub>6</sub> )	IS5182(Part11):2006(RA2017)	µg/M <sup>3</sup>	≤05	BDL
Benzo(a) Pyrene(BaP)	CPCBManualVol12011	ng/M <sup>3</sup>	≤01	BDL
Arsenic(As)	MASA-8223rdEdition	ng/M <sup>3</sup>	≤06	BDL
Nickel(Ni)	MASA-8223rdEdition	ng/M <sup>3</sup>	≤20	BDL
Lead(Pb)	MASA-8223rdEdition	mg/M <sup>3</sup>	≤01	BDL
<b>Remark-</b>	<ul style="list-style-type: none"> <li>➤ All above results are within National Ambient Air Quality standards.</li> <li>➤ BDL-Below Detectable Limit.</li> </ul>			
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

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**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/ANLM/2022-23/05/664	<b>Report Date</b>	31/05/2023
<b>Sample ID: -</b>	GESEC/PRO/ANLM/2022-23/05/664		

<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.
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**Ambient Noise Sample Details**

<b>Type</b>	Ambient Noise
<b>Sampling done by</b>	Waingade Enviro & Agro Solutions
<b>Standard method</b>	As Per IS: 9989:2020

<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>
23/05/2023	25/05/2023	25/05/2023	31/05/2023

<b>Name Of Instrument</b>	Digital Sound Level Meter	<b>Date Of Calibration</b>	17/10/2022
<b>Calibration Certificate No.</b>	SSEC/ME/266	<b>Due Date of Calibration</b>	16/10/2023

Test Location	Unit	Average Noise Level Readings		CPCB Standards dB(A)
		Day	Night	
Near Main Gate	dB(A)	68.1	59.4	During Day time = 75 dB (A) During Night time= 70dB(A)
Near Backside Of Company	dB(A)	66.5	57.5	
Near Protection North West Corner	dB(A)	63.7	54.8	

**Remark-**

- All above Noise level results are within Central Pollution Control Board Standards Limit.
- Day/Night – 75/70 dB.



*Hande*

**Mr. Vinod Hande**  
**(Technical Manager)**  
**Reviewed & Authorized By**

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**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/ISR/2022-23/05/665	<b>Report Date</b>	31/05/2023
<b>Sample ID: -</b>	GESEC/PRO/ISR/2022-23/05/665		

<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.
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**Illumination Sample Details**

<b>Sampling done by</b>	Waingade Enviro & Agro Solutions
<b>Standard method</b>	As Per IS: 9989:2020

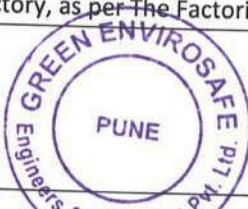
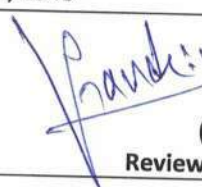
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>
23/05/2023	25/05/2023	25/05/2023	31/05/2023

<b>Name Of Instrument</b>	Digital Lux Meter	<b>Date of Calibration</b>	17/10/2022
<b>Calibration Certificate No.</b>	M.E.2022/10/43/001	<b>Due Date of Calibration</b>	16/10/2023

**Illumination Survey Report**

Test Location	Result	Limit	Unit
Administrative Office	398	300	Lux
QC Lab	410	300	
Old AGI Ground Floor	388	300	
Old AGI 1st Floor	425	300	
Resin 1st Floor	407	300	
Resin 2nd Floor	438	300	
Resin 3rd Floor	349	300	
New AGI Ground Floor	377	300	
New AGI 2nd Floor	379	300	
New AGI 3rd Floor	351	300	
Powder Coating Ground Floor	332	300	
Powder Coating 1st Floor	325	300	
Protection Ground Floor	434	300	
Protection 1st Floor	372	300	
Warehouse Ground Floor	343	300	

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


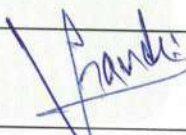
  
  
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**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/DIL/2022-23/05/666			<b>Report Date</b>	31/05/2023	
<b>Sample ID: -</b>	GESEC/PRO/DIL/2022-23/05/666					
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.					
<b>DG Noise Monitoring Report</b>						
<b>Type</b>	DG Noise					
<b>Sampling done by</b>	Waingade Enviro & Agro Solutions					
<b>Standard method</b>	As Per IS: 9989:2020					
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>			
23/05/2023	25/05/2023	25/05/2023	31/05/2023			
<b>Name of Instrument</b>	Digital Sound Level Meter	<b>Date Of Calibration</b>	17/10/2022			
<b>Calibration Certificate No.</b>	SSEC/ME/266	<b>Due Date of Calibration</b>	16/10/2023			
<b>Test Location</b>	<b>Reading in dB(A) 0.5 mtr. Away from DG</b>				<b>Avg.</b>	<b>Difference dB(A)</b>
	North Side	East Side	South Side	West Side		
<b>1. DG. SET - 1250 KVA</b>						
Without Enclosure	97.5	96.2	97.3	96.1	98.56	27.96
With Enclosure	71.3	70.4	71.2	69.5	70.6	
<b>2. DG. SET - 1250 KVA New</b>						
Without Enclosure	98.7	96.8	99.3	96.9	97.23	27.9
With Enclosure	71.4	70.8	71.1	72.2	69.33	
<b>3. DG. SET - 180 KVA</b>						
Without Enclosure	99.1	96.1	97.8	96.1	97.5	27.0
With Enclosure	71.1	69.2	70.3	71.8	70.5	
<b>Remark-+</b>	➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG					
						<b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By

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**TEST REPORT**

<b>Test Report No - GESEC/PRO/DW/2022-23/05/667</b>	<b>Date of Reporting</b>	31/05/2023
<b>Sample ID - GESEC/PRO/DW/2022-23/05/667</b>	<b>Sample Details</b>	Drinking Water
<b>Client Name and Address:</b> M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.	<b>Type of Sample</b>	Water
	<b>Volume Of Sample</b>	2 Lit Plastic Can
	<b>Sample Status</b>	Sealed
	<b>Sample Collected By</b>	Waingade Enviro & Agro Solutions
	<b>Date of Sample Collection</b>	23/05/2023
	<b>Date of Sample received in lab</b>	25/05/2023
	<b>Analysis start Date</b>	25/05/2023
	<b>Analysis End Date</b>	31/05/2023

**WATER ANALYSIS REPORT**

Parameter	Result	Limits as per Is 10500:2012	Unit(s)	Standard Method
<b>Physical Parameter</b>				
Colour	<5	5-15	Hazen Units	IS:3025 (part 4):2021
EC	56.0	--	µS/cm	IS:3025 Part14 (R.A. 2018)
Turbidity	<0.1	Max 1	NTU	IS:3025(part10):2019
TDS	52.4	Max 500	mg/lit	IS :3025(part 16):2017
<b>Chemical Parameter</b>				
pH	7.18	6.5 to 8.5	--	APHA 4500, 23 <sup>rd</sup> Edition:2017
Total Hardness	10.5	Max 200	mg/lit	IS:3025 Part-21:2019
Nitrate	<1	Max 45	mg/lit	IS: 3025 Part-34 -2019
Sulphate	5.2	Max 200	mg/lit	IS:3025 Part-24:2019
Chloride	18.4	Max 250	mg/lit	IS:3025 Part-32:2019
Calcium (as Ca)	20.5	Max 75	mg/lit	IS:3025 Part-40:2019
Magnesium (as Mg)	5.5	Max 30	mg/lit	APHA 3500- Mg, B, 23 <sup>rd</sup> Ed:2017
Iron (as Fe)	<0.04	Max 0.30	Mg/lit	IS:3025 Part-02 (2019)
<b>Microbiological Parameter</b>				
Total Coliform	Absent	Absent	MPN/100ml	IS 1622:1981
Escherichia Coli	Absent	Absent	MPN/100ml	IS 1622:1981

**Remark(s):**

➤ The above water sample is Comply with required limit as per 10500:2012.



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**Mr. Vinod Hande**  
(Technical Manager)  
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TEST REPORT			
Test Report No: GESEC/PRO/WW/2022-23/05/668	Report Date	31/05/2023	
Sample ID : GESEC/PRO/WW/2022-23/05/668	Sample Details	STP Inlet	
Client Name and Address: M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.	Type of Sample	Waste Water	
	Volume Of Sample	2 Lit Plastic Can	
	Sample Status	Sealed	
	Sample Collected By	Waingade Enviro & Agro Solutions	
	Date of Sample Collection	23/05/2023	
	Sample Receipt Date	25/05/2023	
	Analysis start Date	25/05/2023	
	Analysis End Date	31/05/2023	
Parameters	Results	Unit	Standard Method
Physical Parameter			
Total Suspended Solid	298	mg/l	APHA 2540 D 23 <sup>rd</sup> ED:2017
Chemical Parameter			
pH	7.21	--	APHA 4500 H+, B 23 <sup>rd</sup> Edition.2017
Biological Oxygen Dissolved (BOD) at 27°C for 3 days	74.5	mg/l	IS 3025 (Part 44), 2019
Chemical Oxygen Demand (COD)	212.4	mg/l	IS 3025 (Part 58), 2019



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**TEST REPORT**

<b>Test Report No:</b> GESEC/PRO/WW/2022-23/05/669	<b>Report Date</b>	31/05/2023
<b>Sample ID :</b> GESEC/PRO/WW/2022-23/05/669	<b>Sample Details</b>	STP Outlet
<b>Client Name and Address:</b> M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.	<b>Type of Sample</b>	Waste Water
	<b>Volume Of Sample</b>	2 Lit Plastic Can
	<b>Sample Status</b>	Sealed
	<b>Sample Collected By</b>	Waingade Enviro & Agro Solutions
	<b>Date of Sample Collection</b>	23/05/2023
	<b>Sample Receipt Date</b>	25/05/2023
	<b>Analysis start Date</b>	25/05/2023
	<b>Analysis End Date</b>	31/05/2023

Parameters	Results	MPCB Limit	Unit	Standard Method
<b>Physical Parameter</b>				
Total Suspended Solid	28.5	≤50	mg/l	APHA 2540 D 23 <sup>rd</sup> ED:2017
<b>Chemical Parameter</b>				
pH	7.3	5.5-9.0	--	APHA 4500 H+, B 23rd Edition.2017
Biological Oxygen Dissolved (BOD) at 27°C for 3 days	18.5	≤30	mg/l	IS 3025 (Part 44), 2019
Chemical Oxygen Demand (COD)	62.4	≤100	mg/l	IS 3025 (Part 58), 2019

**Remark:**

➤ All parameters are within the MPCB limit.



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**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/WNLM/2022-23/05/670	<b>Report Date</b>	31/05/2023
<b>Sample ID: -</b>	GESEC/PRO/WNLM/2022-23/05/670		

<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.
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**Work Zone Noise Sample Details**

<b>Type</b>	Work Zone Noise
<b>Sampling done by</b>	Waingade Enviro & Agro Solutions
<b>Standard method</b>	As Per IS: 9989:2020

<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>
23/05/2023	25/05/2023	25/05/2023	31/05/2023

<b>Name of Instrument</b>	Digital Sound Level Meter	<b>Date Of Calibration</b>	17/10/2022
<b>Calibration Certificate No.</b>	SSEC/ME/266	<b>Due Date of Calibration</b>	16/10/2023

Test Location	Unit	Average Noise Level Readings	The Factories Act 1948, standards
		Day	
Old AGI Ground Floor	dB(A)	68.7	≤90
Boiler Room	dB(A)	69.3	
Old AGI 1st Floor	dB(A)	61.2	
Resin 1st Floor	dB(A)	72.4	
New AGI Ground Floor	dB(A)	75.1	
Powder Coating Ground Floor	dB(A)	68.3	
Protection Ground Floor	dB(A)	65.5	
Warehouse Ground Floor	dB(A)	70.6	
New AGI 3 <sup>rd</sup> Floor	dB(A)	64.4	
Powder Coating 1 <sup>st</sup> Floor	dB(A)	67.8	

**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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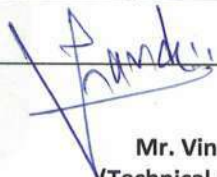
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/671	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/671			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	DG Set - 1250 KVA		WEAS	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions (m)	0.3048	Diff. Pressure (mmWG)	5.1	
Height (m)	30.0			
Temperature ( ° K)	418	Velocity ( m/s)	8.76	
Gas Volume (Nm <sup>3</sup> )	1641.11			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤150	53.3
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	37.8
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	≤48.0	1.48
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/672	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/672			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	DG Set 1250 KVA (New)		Waingade Enviro	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions ( m)	0.3048	Diff. Pressure (mmWG)	5.4	
Height ( m)	30.0			
Temperature ( °K)	395	Velocity ( m/s)	8.77	
Gas Volume (Nm <sup>3</sup> )	1737.16			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤150	54.6
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	35.8
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	≤48.0	1.49
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
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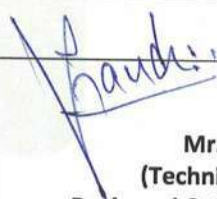
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/673	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/673			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	DG Set 180 KVA		WEAS	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions ( m)	0.11	Diff. Pressure (mmWG)	3.8	
Height ( m)	30.0			
Temperature ( °C)	374	Velocity ( m/s)	7.15	
Gas Volume (Nm <sup>3</sup> )	195.05			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤ 150	47.7
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	24.6
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	≤ 48	0.11
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
		  <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		



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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/674	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/674			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	Thermic Fluid Heater		WEAS	
Shape	Round	Fuel Used	HSD	
Diameter/ Dimensions ( m)	0.45	Diff. Pressure (mmWG)	4.7	
Height ( m)	30			
Temperature ( °C)	369	Velocity ( m/s)	7.90	
Gas Volume (Nm <sup>3</sup> )	3654.88			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤ 150	53.7
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	-	29.5
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	≤ 157.44	2.58
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
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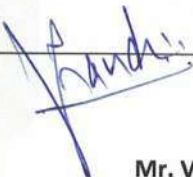
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**TEST REPORT**


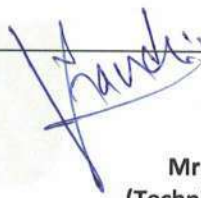
<b>Test Report No</b>	GESEC/PRO/ST/2023-24/05/675	<b>Report Date</b>	31/05/2023	
<b>Sample ID -</b>	GESEC/PRO/ST/2023-24/05/675			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
<b>Sample Details</b>				
<b>Sample collection Date</b>	<b>Sample receipt Date</b>	<b>Analysis start Date</b>	<b>Analysis complete Date</b>	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Instrument Details</b>				
<b>Name Of Instrument</b>	Stack Monitoring Kit	<b>Date Of Calibration</b>	17/10/2022	
<b>Calibration Certificate No.</b>	SSEC/TH/57	<b>Due Date of Calibration</b>	16/10/2023	
<b>Stack Details</b>				
<b>Stack No/ID</b>	<b>Stack Attached to</b>		<b>Sampling done by</b>	
--	New AGI Dust Collector		WEAS	
<b>Shape</b>	Round	<b>Fuel Used</b>	--	
<b>Diameter/ Dimensions ( m)</b>	0.45	<b>Diff. Pressure (mmWG)</b>	4.2	
<b>Height ( m)</b>	30			
<b>Temperature ( °C)</b>	361	<b>Velocity ( m/s)</b>	7.39	
<b>Gas Volume (Nm<sup>3</sup>)</b>	3493.08			
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>Limit</b>	<b>Result</b>
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤150	52.3
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	24.8
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	--	2.07
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
			 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By	

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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/676	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/676			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	Bio Briquette Boiler		WEAS	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions ( m)	0.45	Diff. Pressure (mmWG)	4.9	
Height ( m)	30.0			
Temperature ( °C)	395	Velocity ( m/s)	8.35	
Gas Volume (Nm <sup>3</sup> )	3606.93			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤150	52.7
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	35.3
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	--	3.05
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		

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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/677	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/677			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	Powder Coating Dust Collector		WEAS	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions ( m)	1.0	Diff. Pressure (mmWG)	3.2	
Height ( m)	30			
Temperature ( °C)	333	Velocity ( m/s)	6.19	
Gas Volume (Nm <sup>3</sup> )	15677.11			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤150	58.4
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	24.6
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	--	9.25
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/678	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/678			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	Protection Dust Collector		WEAS	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions ( m)	2.0	Diff. Pressure (mmWG)	3.3	
Height ( m)	30.0			
Temperature ( °C)	345	Velocity ( m/s)	6.40	
Gas Volume (Nm <sup>3</sup> )	62563.46			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤ 150	47.7
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	24.2
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	--	36.3
<b>Remarks-</b>				
➤ All above results are well within MPCB Limit.				
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/05/679	Report Date	31/05/2023	
Sample ID -	GESEC/PRO/ST/2023-24/05/679			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/TH/57	Due Date of Calibration	16/10/2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
--	Resin Fume Extractor		HSD	
Shape	Round	Fuel Used	--	
Diameter/ Dimensions ( m)	0.5	Diff. Pressure (mmWG)	3.7	
Height ( m)	30			
Temperature ( °C)	343	Velocity ( m/s)	6.76	
Gas Volume (Nm <sup>3</sup> )	4152.47			
Parameters				
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm <sup>3</sup>	≤ 150	54.1
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	mg/Nm <sup>3</sup>	--	34.3
Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2) 2019	Kg/day	--	3.41
Remarks-				
➤ All above results are well within MPCB Limit.				
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**TEST REPORT**

Test Report No: - GESEC/PRO/VSR/2023-24/05/680	Report Date	31/05/2023
Sample ID: - GESEC/PRO/VSR/2023-24/05/680		
Name & Address of the Customer	M/s Berger Paint India Limited Plot No. G-35, Tal- Purandar, Dist-Pune	

**Ventilation Survey Sample Details**

Type	Sampling done by
Ventilation Survey	WEAS

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
23/05/2023	25/05/2023	25/05/2023	31/05/2023

Name of Instrument	Digital Anemometer	Date of Calibration	17/10/2022
Calibration Certificate No.	SSEC/FF/1515	Due Date of Calibration	16/10/2023

**Ventilation Survey Report**

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	Avg. velocity (m/s)	
Old AGI Ground Floor	1.1	0.8	0.9	0.9	>0.5
Old AGI 1 <sup>st</sup> floor	1.3	0.9	1.2	1.1	
Protection Ground Floor	1.1	0.8	0.9	0.9	
Resin 1 <sup>st</sup> floor	0.9	0.9	1.1	1.0	
Resin 2 <sup>nd</sup> floor	1.3	1.2	1.1	1.2	
Resin 3 <sup>rd</sup> floor	1.4	1.1	1.3	1.3	
New AGI ground floor	0.9	0.7	0.8	0.8	
New AGI 1 <sup>st</sup> floor	1.1	0.9	1.3	1.1	
New AGI 3 <sup>rd</sup> floor	1.4	1.1	1.2	1.2	
Powder Coating ground floor	0.9	0.6	0.9	0.8	
Powder Coating 1 <sup>st</sup> floor	0.9	0.7	0.9	0.8	
Protection 1 <sup>st</sup> floor	1.1	0.9	0.9	1.0	
Warehouse Ground Floor	0.9	0.8	0.8	0.8	

**Remark-**

- Air Velocity should be at least 0.5m/s to produce cooling effect.
- While determining ventilation status Adequate Air Movement is considered as primary factor.
- Comfortable indicates Air Movement ≥ 0.5m/s and uncomfortable indicates ≤0.5m/s.
- Observation: Adequate Air Movement.
- As per Rule 22-A of Maharashtra factories Rule 1963 air velocity at all above location is more than 0.5m/s which shows adequate air movement and comfortable work environment.



*Handwritten signature of Mr. Vinod Hande*

**Mr. Vinod Hande**  
(Technical Manager)  
Reviewed & Authorized By

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**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/WZM/2023-24/05/681		<b>Report Date</b>	31/05/2023
<b>Sample ID: -</b>	GESEC/PRO/WZM/2023-24/05/681			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Ltd. Plot No. G-35, Tal-Purandar, Dist-Pune.			
<b>WORK ZONE AIR Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	Protection Ground Floor		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
11.30 am	11.45 am		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name Of Instrument</b>	Handy Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1517	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.017
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.031
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.059
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.032
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified</li> </ul>				
 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By				

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**TEST REPORT**

Test Report No. -	GESEC/PRO/WZM/2023-24/05/682	Report Date	31/05/2023
Sample ID: -	GESEC/PRO/WZM/2023-24/05/682		
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.		

**WORK ZONE AIR Sample Details**

Type	Sampling Location	Sampling done by
Work zone Air	Boiler Room	WEAS
Sampling Time		
Start Time	Stop Time	Total Hrs.
11.50 am	12.05 pm	15 Min

**Metrological Data/Environmental Conditions**

Ambient Temperature °C	31	Wet Bulb Temperature °C	29
Dry Bulb Temperature °C	31	Relative Humidity % RH	48

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
23/05/2023	25/05/2023	25/05/2023	31/05/2023

Name of Instrument	Personal Sampler	Date of Calibration	19/10/2022
Calibration Certificate No.	SSEC/FF/1519	Due Date of Calibration	18/10/2023

Parameters	Method	Unit	As per Factory Act	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.021
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.035
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.065
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.034

**Remark-**

- All above result are well within the Factories Act 1948 standards.
- N.S: Not Specified.



*V. Hande*

**Mr. Vinod Hande**  
(Technical Manager)  
Reviewed & Authorized By



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**TEST REPORT**

Test Report No: -	GESEC/PRO/WZM/2023-24/05/683		Report Date	31/05/2023	
Sample ID: -	GESEC/PRO/WZM/2023-24/05/683				
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.				
<b>WORK ZONE AIR Sample Details</b>					
Type	Sampling Location			Sampling done by	
Work zone Air	Old AGI 1 <sup>st</sup> Floor			WEAS	
<b>Sampling Time</b>					
Start Time	Stop Time		Total Hrs.		
12.10 pm	12.25 pm		15 Min		
<b>Metrological Data/Environmental Conditions</b>					
Ambient Temperature °C	31	Wet Bulb Temperature °C	29		
Dry Bulb Temperature °C	31	Relative Humidity % RH	48		
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
23/05/2023	25/05/2023	25/05/2023	31/05/2023		
Name Of Instrument	Handy Sampler	Date Of Calibration	19/10/2022		
Calibration Certificate No.	SSEC/FF/1517	Due Date of Calibration	18/10/2023		
Parameters	Method	Unit	As per Factory Act	Result	
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.020	
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.036	
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.059	
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.033	
<b>Remark-</b>					
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified .</li> </ul>					
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**TEST REPORT**

Test Report No: -	GESEC/PRO/WZM/2023-24/05/684	Report Date	31/05/2023
Sample ID: -	GESEC/PRO/WZM/2023-24/05/684		
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.		

**WORK ZONE AIR Sample Details**

Type	Sampling Location	Sampling done by
Work zone Air	Old AGI Ground Floor	WEAS
Sampling Time		
Start Time	Stop Time	Total Hrs.
12.30 pm	12.45 pm	15 Min

**Metrological Data/Environmental Conditions**

Ambient Temperature °C	31	Wet Bulb Temperature °C	29
Dry Bulb Temperature °C	31	Relative Humidity % RH	48

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
23/05/2023	25/05/2023	25/05/2023	31/05/2023

Name Of Instrument	Personal Sampler	Date of Calibration	19/10/2022
Calibration Certificate No.	SSEC/FF/1519	Due Date of Calibration	18/10/2023

Parameters	Method	Unit	As per Factory Act	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.015
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.029
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.057
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.024

Remark-  
➤ All above result are well within the Factories Act 1948 standards.  
➤ N.S: Not Specified .



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**TEST REPORT**

<b>Test Report No: -</b>	GESEC/PRO/WZM/2023-24/05/685		<b>Report Date</b>	31/05/2023
<b>Sample ID: -</b>	GESEC/PRO/WZM/2023-24/05/685			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
<b>WORK ZONE AIR Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	Warehouse Ground Floor		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
12.50 pm	1.05 pm		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name Of Instrument</b>	Handy Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1517	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.011
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.019
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.051
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.026
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified</li> </ul>				
			 <b>Mr. Vinod Hande</b> <b>(Technical Manager)</b> <b>Reviewed &amp; Authorized By</b>	

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**TEST REPORT**

Test Report No: -	GESEC/PRO/WZM/2023-24/05/686	Report Date	31/05/2023
Sample ID: -	GESEC/PRO/WZM/2023-24/05/686		
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.		

**WORK ZONE AIR Sample Details**

Type	Sampling Location	Sampling done by
Work zone Air	Resin 1 <sup>st</sup> Floor	WEAS
Sampling Time		
Start Time	Stop Time	Total Hrs.
1.10 pm	1.25 pm	15 Min

**Metrological Data/Environmental Conditions**

Ambient Temperature °C	31	Wet Bulb Temperature °C	29
Dry Bulb Temperature °C	31	Relative Humidity % RH	48

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
23/05/2023	25/05/2023	25/05/2023	31/05/2023

Name of Instrument	Personal Sampler	Date of Calibration	19/10/2022
Calibration Certificate No.	SSEC/FF/1519	Due Date of Calibration	18/10/2023

Parameters	Method	Unit	As per Factory Act	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.042
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.058
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.069
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.037

**Remark-**  
 ➤ All above result are well within the Factories Act 1948 standards.  
 ➤ N.S: Not Specified .



*Handwritten signature of Mr. Vinod Hande*

**Mr. Vinod Hande**  
(Technical Manager)  
Reviewed & Authorized By

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**TEST REPORT**

Test Report No: -	GESEC/PRO/WZM/2023-24/05/687	Report Date	31/05/2023
Sample ID: -	GESEC/PRO/WZM/2023-24/05/687		
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.		

**WORK ZONE AIR Sample Details**

Type	Sampling Location	Sampling done by
Work zone Air	Resin 2 <sup>nd</sup> Floor	WEAS
Start Time	Stop Time	Total Hrs.
1.30 pm	1.45 pm	15 Min

**Metrological Data/Environmental Conditions**

Ambient Temperature °C	31	Wet Bulb Temperature °C	29
Dry Bulb Temperature °C	31	Relative Humidity % RH	48

Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date
23/05/2023	25/05/2023	25/05/2023	31/05/2023

Name Of Instrument	Handy Sampler	Date Of Calibration	19/10/2022
Calibration Certificate No.	SSEC/FF/1517	Due Date of Calibration	18/10/2023

Parameters	Method	Unit	As per Factory Act	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.034
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.049
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.065
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.031

**Remark-**  
 ➤ All above result are well within the Factories Act 1948 standards.  
 ➤ N.S: Not Specified.




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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2023-24/05/688	Report Date	31/05/2023	
Sample ID: -	GESEC/PRO/WZM/2023-24/05/688			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
WORK ZONE AIR Sample Details				
Type	Sampling Location	Sampling done by		
Work zone Air	Powder Coating 1 <sup>st</sup> Floor	WEAS		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
1.50 pm	2.05 pm	15 Min		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	31	Wet Bulb Temperature °C	29	
Dry Bulb Temperature °C	31	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Name of Instrument	Personal Sampler	Date of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1519	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	As per Factory Act	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.027
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.039
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.089
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.045
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified</li> </ul>				
		 <p>Mr. Vinod Hande (Technical Manager) Reviewed &amp; Authorized By</p>		

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TEST REPORT				
Test Report No: -	GESEC/PRO/WZM/2023-24/05/689		Report Date	31/05/2023
Sample ID: -	GESEC/PRO/WZM/2023-24/05/689			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
WORK ZONE AIR Sample Details				
Type	Sampling Location		Sampling done by	
Work zone Air	New AGI 1 <sup>st</sup> Floor		WEAS	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
2.10 pm	2.25 pm		15 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	31	Wet Bulb Temperature °C	29	
Dry Bulb Temperature °C	31	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
23/05/2023	25/05/2023	25/05/2023	31/05/2023	
Name of Instrument	Personal Sampler	Date of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1519	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	As per Factory Act	Result
Sulphur Dioxide(SO <sub>2</sub> )	IS:5182(PART2):2017	mg/m <sup>3</sup>	≤10	0.021
Nitrogen Dioxide(NO <sub>2</sub> )	IS:5182(PART6):2018	mg/m <sup>3</sup>	≤10	0.030
RSPM	NIOSH : 0600, Issue 2	mg/m <sup>3</sup>	N.S	0.075
Suspended Particulate Matter	IS:5182 (PART 4):2019	mg/m <sup>3</sup>	N.S	0.038
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified</li> </ul>				
		 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By		


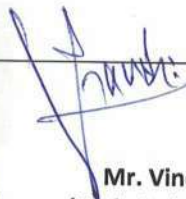
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**TEST REPORT**


<b>Test Report No: -</b>	<b>GESEC/PRO/WZM/2023-24/05/690</b>	<b>Report Date</b>	<b>31/05/2023</b>	
<b>Sample ID: -</b>	<b>GESEC/PRO/WZM/2023-24/05/690</b>			
<b>Name &amp; Address of the Customer</b>	<b>M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.</b>			
<b>WORK ZONE AIR Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
<b>Work zone Air</b>	<b>New AGI 2<sup>nd</sup> Floor</b>		<b>WEAS</b>	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
<b>2.30 pm</b>	<b>2.45 pm</b>		<b>15 Min</b>	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	<b>31</b>	<b>Wet Bulb Temperature °C</b>	<b>29</b>	
<b>Dry Bulb Temperature °C</b>	<b>31</b>	<b>Relative Humidity % RH</b>	<b>48</b>	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
<b>23/05/2023</b>	<b>25/05/2023</b>	<b>25/05/2023</b>	<b>31/05/2023</b>	
<b>Name of Instrument</b>	<b>Personal Sampler</b>	<b>Date of Calibration</b>	<b>19/10/2022</b>	
<b>Calibration Certificate No.</b>	<b>SSEC/FF/1519</b>	<b>Due Date of Calibration</b>	<b>18/10/2023</b>	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
<b>Sulphur Dioxide(SO<sub>2</sub>)</b>	<b>IS:5182(PART2):2017</b>	<b>mg/m<sup>3</sup></b>	<b>≤10</b>	<b>0.025</b>
<b>Nitrogen Dioxide(NO<sub>2</sub>)</b>	<b>IS:5182(PART6):2018</b>	<b>mg/m<sup>3</sup></b>	<b>≤10</b>	<b>0.035</b>
<b>RSPM</b>	<b>NIOSH : 0600, Issue 2</b>	<b>mg/m<sup>3</sup></b>	<b>N.S</b>	<b>0.060</b>
<b>Suspended Particulate Matter</b>	<b>IS:5182 (PART 4):2019</b>	<b>mg/m<sup>3</sup></b>	<b>N.S</b>	<b>0.052</b>
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified</li> </ul>				
			 <b>Mr. Vinod Hande</b> <b>(Technical Manager)</b> <b>Reviewed &amp; Authorized By</b>	

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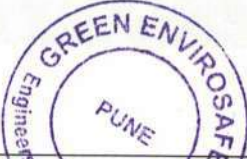
TEST REPORT				
Test Report No:-	GESEC/PRO/WZM/2023-24/05/691	Report Date	31/05/2023	
Sample ID:-	GESEC/PRO/WZM/2023-24/05/691			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
WORK ZONE VOC Sample Details				
Type	Sampling Location	Sampling done by		
Work zone Air	Protection Ground Floor	WEAS		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
11.00 am	11.15 am	15 Min		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	31	Wet Bulb Temperature °C	29	
Dry Bulb Temperature °C	31	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
Name of Instrument	Handy Sampler	Date Of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1517	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	As per Factory Act	Result
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.17
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	1.94
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b> ➤ All above result are well within the Factories Act 1948 standards. ➤ N.S: Not Specified. ➤ N.D. – Not Detected.				
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By		

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TEST REPORT				
Test Report No:-	GESEC/PRO/WZM/2023-24/05/692		Report Date	31/05/2023
Sample ID:-	GESEC/PRO/WZM/2023-24/05/692			
Name & Address of the Customer	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
WORKZONE VOC Sample Details				
Type	Sampling Location		Sampling done by	
Work zone Air	Protection 1 <sup>st</sup> Floor (TSD)		WEAS	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
11.20 am	11.35 am		15 Min	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	31	Wet Bulb Temperature °C	29	
Dry Bulb Temperature °C	31	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
Name of Instrument	Personal Sampler	Date of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1519	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	As per Factory Act	Result
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.04
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	1.67
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified.</li> <li>➤ N.D. – Not Detected.</li> </ul>				
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**TEST REPORT**

<b>Test Report No:-</b>	<b>GESEC/PRO/WZM/2023-24/05/693</b>	<b>Report Date</b>	31/05/2023	
<b>Sample ID:-</b>	<b>GESEC/PRO/WZM/2023-24/05/693</b>			
<b>Name &amp; Address of the Customer</b>	<b>M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.</b>			
<b>WORKZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	Resin Plant 1 <sup>st</sup> Floor		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
11.40 am	11.55 am		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name of Instrument</b>	Handy Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1517	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.59
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	2.27
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified.</li> <li>➤ N.D. – Not Detected.</li> </ul>				
 <b>Mr. Vinod Hande</b> <b>(Technical Manager)</b> <b>Reviewed &amp; Authorized By</b>				
				


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**TEST REPORT**

<b>Test Report No:-</b>	<b>GESEC/PRO/WZM/2023-24/05/694</b>	<b>Report Date</b>	<b>31/05/2023</b>	
<b>Sample ID:-</b>	<b>GESEC/PRO/WZM/2023-24/05/694</b>			
<b>Name &amp; Address of the Customer</b>	<b>M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.</b>			
<b>WORK ZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
<b>Work zone Air</b>	<b>Resin Plant 2<sup>nd</sup> Floor</b>		<b>WEAS</b>	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
<b>12.05 pm</b>	<b>12.20 pm</b>		<b>15 Min</b>	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	<b>31</b>	<b>Wet Bulb Temperature °C</b>	<b>29</b>	
<b>Dry Bulb Temperature °C</b>	<b>31</b>	<b>Relative Humidity % RH</b>	<b>48</b>	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
<b>24/05/2023</b>	<b>25/05/2023</b>	<b>25/05/2023</b>	<b>31/05/2023</b>	
<b>Name of Instrument</b>	<b>Personal Sampler</b>	<b>Date of Calibration</b>	<b>19/10/2022</b>	
<b>Calibration Certificate No.</b>	<b>SSEC/FF/1519</b>	<b>Due Date of Calibration</b>	<b>18/10/2023</b>	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.11
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	2.29
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified.</li> <li>➤ N.D. – Not Detected .</li> </ul>				
		 <b>Mr. Vinod Hande</b> <b>(Technical Manager)</b> <b>Reviewed &amp; Authorized By</b>		

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<b>Sample ID:-</b>	<b>GESEC/PRO/WZM/2023-24/05/695</b>			
<b>Name &amp; Address of the Customer</b>	<b>M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.</b>			
<b>WORKZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
<b>Work zone Air</b>	<b>Old AGI 1st Floor</b>		<b>WEAS</b>	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
<b>01.05 pm</b>	<b>01.20 pm</b>		<b>15 Min</b>	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	<b>31</b>	<b>Wet Bulb Temperature °C</b>	<b>29</b>	
<b>Dry Bulb Temperature °C</b>	<b>31</b>	<b>Relative Humidity % RH</b>	<b>48</b>	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
<b>24/05/2023</b>	<b>25/05/2023</b>	<b>25/05/2023</b>	<b>31/05/2023</b>	
<b>Name of Instrument</b>	<b>Handy Sampler</b>	<b>Date Of Calibration</b>	<b>19/10/2022</b>	
<b>Calibration Certificate No.</b>	<b>SSEC/FF/1517</b>	<b>Due Date of Calibration</b>	<b>18/10/2023</b>	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
<b>Butane</b>	<b>NIOSH METHOD : 2549, Issue 1</b>	<b>mg/m<sup>3</sup></b>	<b>N.S</b>	<b>N.D</b>
<b>Toulene</b>	<b>NIOSH METHOD : 2549, Issue 1</b>	<b>mg/m<sup>3</sup></b>	<b>≤560</b>	<b>0.82</b>
<b>Xylene</b>	<b>NIOSH METHOD : 2549, Issue 1</b>	<b>mg/m<sup>3</sup></b>	<b>≤655</b>	<b>2.14</b>
<b>HCl</b>	<b>NIOSH METHOD : 2549, Issue 1</b>	<b>mg/m<sup>3</sup></b>	<b>N.S</b>	<b>N.D</b>
<b>Remark-</b>				
➤ All above result are well within the Factories Act 1948 standards.				
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**TEST REPORT**

<b>Test Report No:-</b>	GESEC/PRO/WZM/2023-24/05/696		<b>Report Date</b>	31/05/2023
<b>Sample ID:-</b>	GESEC/PRO/WZM/2023-24/05/696			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
<b>WORKZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	Old AGI Ground Floor		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
1.25 pm	1.40 pm		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name of Instrument</b>	Personal Sampler	<b>Date of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1519	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.14
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	2.10
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified.</li> <li>➤ N.D. – Not Detected.</li> </ul>				
 <b>Mr. Vinod Hande</b> (Technical Manager) Reviewed & Authorized By				

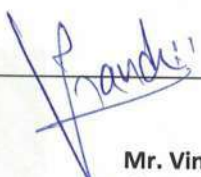

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<b>Sample ID:-</b>	<b>GESEC/PRO/WZM/2023-24/05/697</b>			
<b>Name &amp; Address of the Customer</b>	<b>M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.</b>			
<b>WORKZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	New AGI 1 <sup>st</sup> Floor		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
1.45 pm	2.00 pm		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name of Instrument</b>	Handy Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1517	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Bütane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.18
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	2.10
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
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<b>Sample ID:-</b>	GESEC/PRO/WZM/2023-24/05/698			
<b>Name &amp; Address of the Customer</b>	M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.			
<b>WORK ZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	New AGI Ground Floor		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
02.05 pm	02.20 pm		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name of Instrument</b>	Personal Sampler	<b>Date of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1519	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.05
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	1.29
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified.</li> <li>➤ N.D. – Not Detected.</li> </ul>				
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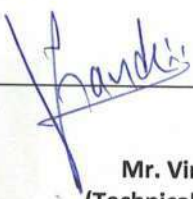
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<b>Sample ID:-</b>	<b>GESEC/PRO/WZM/2023-24/05/699</b>			
<b>Name &amp; Address of the Customer</b>	<b>M/s. Berger Paints India Limited Plot No. G-35, Tal- Purandar, Dist- Pune.</b>			
<b>WORKZONE VOC Sample Details</b>				
<b>Type</b>	<b>Sampling Location</b>		<b>Sampling done by</b>	
Work zone Air	New AGI 1 <sup>st</sup> Floor (TSD Area)		WEAS	
<b>Sampling Time</b>				
<b>Start Time</b>	<b>Stop Time</b>		<b>Total Hrs.</b>	
02.30 pm	02.45 pm		15 Min	
<b>Metrological Data/Environmental Conditions</b>				
<b>Ambient Temperature °C</b>	31	<b>Wet Bulb Temperature °C</b>	29	
<b>Dry Bulb Temperature °C</b>	31	<b>Relative Humidity % RH</b>	48	
<b>Date of Sampling</b>	<b>Sample Receipt Date</b>	<b>Analysis Start Date</b>	<b>Analysis End Date</b>	
24/05/2023	25/05/2023	25/05/2023	31/05/2023	
<b>Name of Instrument</b>	Handy Sampler	<b>Date Of Calibration</b>	19/10/2022	
<b>Calibration Certificate No.</b>	SSEC/FF/1517	<b>Due Date of Calibration</b>	18/10/2023	
<b>Parameters</b>	<b>Method</b>	<b>Unit</b>	<b>As per Factory Act</b>	<b>Result</b>
Butane	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
Toulene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤560	1.21
Xylene	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	≤655	2.20
HCl	NIOSH METHOD : 2549, Issue 1	mg/m <sup>3</sup>	N.S	N.D
<b>Remark-</b>				
<ul style="list-style-type: none"> <li>➤ All above result are well within the Factories Act 1948 standards.</li> <li>➤ N.S: Not Specified.</li> <li>➤ N.D. – Not Detected.</li> </ul>				
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# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000049284

### Submitted Date

29-09-2022

## 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)

30761

#### Scale

LSI

#### City

Pune

#### Pincode

412303

#### Person Name

Mr. Durgaprasad Date

#### Designation

Asst. Manger - Manufacturing

#### Telephone Number

7755941294

#### Fax Number

0

#### Email

durgaprasaddate@bergerindia.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

Format 1.0/CAC/UAN  
No.0000118796/CO/2202001212

#### Consent Issue Date

19/02/2022

#### Consent Valid Upto

31/07/2025

#### Establishment Year

2015

#### Date of last environment statement submitted

Sep 30 2021 12:00:00:000AM

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

### Product Information

#### Product Name

Liquid Paints ( Solvent Based)

#### Consent Quantity

48600

#### Actual Quantity

7186

#### UOM

KL/A

Resin (Solid & liquid) Intermediate

33000

5825

MT/A

Solid Color

6900

2398.3

MT/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	139.00	73.00
Domestic	10.00	7.00
All others	49.00	7.00
<b>Total</b>	<b>205.50</b>	<b>94.00</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	28	6.5	CMD
Daily quantity of sewage effluent from the factory	7.0	5.6	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 Color	0.0	0.0	CMD
Liquid Paints ( Solvent Based)	0.0	0.0	CMD
Resin (Solid & liquid) Intermediate	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	1113.252	1117.65	MT/A
Solid Color-Filler/Extender	1129.97	1134.44	MT/A
Solid Color-Pigments & Additives	145.73	146.3	MT/A
Liquid Paints (Solvent Based)-Resin	2854.5	4796	MT/A
Liquid Paints (Solvent Based- Filler/Extender )	1005.6	2877.6	MT/A
Liquid Paints -Pigments & Additives	670.4	1918.4	MT/A
Resin (Oil and Monomers)	0	1165	KL/A
Resin (Solvents)	0	2912	KL/A
Resin (Powders )	0	1747.5	MT/A

### 4) Fuel Consumption

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
High Speed Diesel	2389.13	332.35	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</b>	<b>Percentage of variation from prescribed standards with reasons</b>
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	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>	<b>Standard</b>	<b>Reason</b>
NA	0	0	NA	0	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	2.43	48.0	NA	150	NA
DG Set 1250 KVA-I -SO2	1.84	37.2	NA	--	NA
DG Set 180 KVA-II -TPM	0.190	37.3	NA	150	NA
DG Set 180 KVA-II -SO2	0.10	21.4	NA	--	NA
New AGI (I)Dust collector-TPM	3.41	44.8	NA	--	NA
New AGI (I) Dust collector- SO2	1.48	21.6	NA	--	NA
Thermic fluid heater (o2) steam boiler - TPM	3.41	44.7	NA	--	NA
Thermic fluid heater (o2) steam boiler - SO2	2.14	28.3	NA	--	NA
Bio briquette Boiler - TPM	3.55	42.5	NA	--	NA
Bio briquette Boiler - SO2	1.93	23.3	NA	--	NA
Powder coating collector stack - TPM	16.04	47.2	NA	--	NA
Powder coating collector stack - SO2	5.78	17.1	NA	--	NA
Protection plant dust collector - TPM	64.85	42.5	NA	--	NA
Protection plant dust collector - SO2	16.8	25.4	NA	--	NA
Resin fume extractor - TPM	3.04	32.5	NA	--	NA
Resin fume extractor - SO2	2.12	22.8	NA	--	NA
DG Set 1250 KVA new-TPM	5.15	98.36	NA	--	NA
DG Set 1250 KVA New SO2	0.27	102.70	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	23.97	31.34	MT/A
20.3 Distillation residues	1.4	25.74	MT/A
35.1 Exhaust Air or Gas cleaning residue	0.0	48.7	MT/A
20.2 Spent solvents	0.0	200	KL/A
Other Hazardous Waste	0.0	2.77	MT/A
Other Hazardous Waste	0.0	43	Nos./Y

##### **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>
35.3 Chemical sludge from waste water treatment	0	8.28	MT/A



## Part-E

### SOLID WASTES

#### 1) From Process

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Mask & Gloves	0.312	0.52	MT/A
Cotton Waste	1	1	MT/A

#### 2) From Pollution Control Facilities

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

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

<b>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-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

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
21.1 Process wastes, residues and sludges	31.34	MT/A	Solid
20.3 Distillation residues	25.74	MT/A	Solid
35.1 Exhaust Air or Gas cleaning residue	48.7	MT/A	Solid
35.3 Chemical sludge from waste water treatment	8.28	MT/A	Solid
20.2 Spent solvents	200	KL/A	Liquid
Other Hazardous Waste	2.77	MT/A	Solid (Filter Residue )
Other Hazardous Waste	43	Nos./Y	Solid (Filter Pieces)

### 2) Solid Waste

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Mask and gloves	0.52	MT/A	Solid
Cotton Waste	1	MT/A	Solid

## Part-G

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

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
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**

<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	1.55
Green Belt Development	Tree plantation	1
O & M of ETP & STP	Water Pollution Control	10
Scientific Disposal of Hazardous Waste	Hazardous Waste and Solid Waste Management	2
Rainwater Recharge system including Storm Water Drainage	Water Management	0.15
O & M of Dust collector System	Air Pollution Control	0.5

**[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	1.60
Tree plantation	Green Belt Development	1.2
O & M of ETP & STP	Water Pollution Control	12
Scientific Disposal of Hazardous Waste	Hazardous Waste and Solid Waste Management	2.2
Rainwater Recharge system including Storm Water Drainage	Water Management	0.2
O & M of Dust collector System	Air Pollution Control	0.7

**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-0000049284

**Submitted On:**

29-09-2022

# 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 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

### FORM FOR FILING ANNUAL RETURNS

[ To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

**Unique Application Number:** MPCB-HW\_ANNUAL\_RETURN-0000039281  
**Submitted On:** 28-06-2023  
**Industry Type :** Generator  
**Submitted for Year:** April 2022 to March 2023

**1. Name of the generator/operator of facility** Berger Paints India Limited  
**Address of the unit/facility** Berger Paints India Ltd Jejuri

**1b. Authorization Number** 1.0/CAC/UAN No 0000118796/CO/2202001212  
**Date of issue** Feb 21, 2022  
**Date of validity of consent** Jul 31, 2025

**2. Name of the authorised person** Krunal Salat  
**Full address of authorised person** Berger Paints India Ltd Jejuri

**Telephone** 9607231573  
**Fax** NA  
**Email** krunalpsalat@bergerindia.com

#### 3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Paint (by mixing process only)	Liquid Paint	48600.0000	25716	KL/A
Paint (by mixing process only)	Solid Colour	6900.0000	2019	MT/A
Paint (by mixing process only)	Resin	33000.0000	12974	MT/A

### PART A: To be filled by hazardous waste generators

#### 1. Total Quantity of waste generated category wise

Type of hazardous waste	Waste Name	Consented Quantity	Quantity	UOM
20.3 Distillation residues	Paint Sludge, Residue	85.000	64.03	MTA
20.2 Spent solvents	Spent Solvents	411.000	389.87	KL/Anum
21.1 Process wastes, residues and sludges	Process Waste	38.500	26.15	MTA
35.1 Exhaust Air or Gas cleaning residue	Briquette Ash	51.460	23.54	MTA
35.3 Chemical sludge from waste water treatment	ETP Sludge	1.230	4.41	MTA

#### 2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
20.3 Distillation residues	64.03	MTA	Disposal Facility	Maharashtra Enviro Power Limited
21.1 Process wastes, residues and sludges	26.15	MTA	Disposal Facility	Maharashtra Enviro Power Limited
35.1 Exhaust Air or Gas cleaning residue	23.54	MTA	Disposal Facility	Maharashtra Enviro Power Limited

35.3 Chemical sludge from waste water treatment	4.41	MTA	Disposal Facility	Maharashtra Enviro Power Limited
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3. Quantity Utilised in-house,If any

<b>Type of Waste</b>	<b>Name of Waste</b>	<b>Quantity of Waste</b>	<b>UOM</b>
20.2 Spent solvents	Spent Solvent	212.688	KL/Anum

4. Quantity in storage at the end of the year

<b>Type of Waste</b>	<b>Name of Waste</b>	<b>Quantity of Waste</b>	<b>UOM</b>
5.1 Used or spent oil	Used Oil	0.200	KL/Anum

5. Quantity disposed in landfills as such and after treatment

<b>Type</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

6. Quantity incinerated (if applicable)

<b>UOM</b>
NA

**PART B: To be filled bt Treatment,storage, and disposal facility operators**

<b>1.Total Quantity received</b>	<b>UOM</b>	<b>State Name</b>
NA	KL/Anum	Maharashtra

<b>2. Quantity in stock at the beginning of the year</b>	<b>UOM</b>
NA	KL/Anum

<b>3. Quantity treated</b>	<b>UOM</b>
NA	KL/Anum

<b>4. Quantity disposed in landfills as such and after treatment</b>	<b>Quantity</b>	<b>UOM</b>
Direct landfilling	NA	KL/Anum
Landfill after treatment	NA	KL/Anum

<b>5. Quantity incinerated (if applicable)</b>	<b>UOM</b>
NA	KL/Anum

<b>6. Quantiry processed other than specified above</b>	<b>UOM</b>
NA	KL/Anum

<b>7. Quantity in storage at the end of the year.</b>	<b>UOM</b>
NA	KL/Anum

**PART C: To be filled by recyclers or co-processors or other users**

<b>1. Quantity of waste received during the year</b>	<b>Waste Name/Category</b>	<b>Country Name</b>	<b>State Name</b>	<b>Quantity of waste received from domestic sources</b>	<b>Quantity of waste imported(If any)</b>	<b>Units</b>
	NA	NULL	Other	NA	NA	KL/Anum

<b>2. Quantity in stock at the beginning of the year</b>	<b>Waste Name/Category</b>	<b>Quantity</b>	<b>UOM</b>
	NA	NA	KL/Anum

<b>3. Quantity of waste recycled or co-procesed or used</b>	<b>Name of Waste</b>	<b>Type of Waste</b>	<b>Quantity</b>	<b>UOM</b>
	NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

**Name of product**

NA

**Quantity**

NA

**UOM**

KL/Anum

5. Total quantity of waste generated

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

6. Total quantity of waste disposed

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

7. Total quantity of waste re-exported (If Applicable)

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

8. Quantity in storage at the end of the year

**Waste name/category**

NA

**quantity**

NA

**UOM**

KL/Anum

9. Quantity disposed in landfills as such and after treatment

**Type**

Direct landfilling

**Quantity**

NA

**UOM**

KL/Anum

Landfill after treatment

NA

KL/Anum

10. Quantity incinerated (if applicable)

NA

**UOM**

KL/Anum

Personal Details

**Place**

Pune

**Date**

2023-06-28

**Designation**

Assistant Manager

## Miyawaki Forest Details

**Total Number of Trees Planted: - 1960**

**Nos Shrubs Planted: - 600 nos**

<b>Sr. No.</b>	<b>Name Of Plant</b>	<b>Common Name</b>
1	<i>Acaccia leucophloea</i>	HIVAR
2	<i>Aegle marmelos</i>	BEL
3	<i>Albizia leebeck</i>	SHIRISH
4	<i>Azadirchta indica</i>	NEEM
5	<i>Bahunia racemosa</i>	APTA
6	<i>Butea monosperma</i>	PALAS
7	<i>Cassia fistula</i>	BAHAHA
8	<i>Holarrhena pubescence</i>	KUDA
9	<i>Ixora parviflora</i>	RAI KUDA
10	<i>Madhuca latifolia</i>	MOH
11	<i>Mangifera indica</i>	RAIWAL AMBA
12	<i>Manikara hexandra</i>	KHIRNI
13	<i>Ptrocarpus marsupium</i>	BIBBA
14	<i>Sapindus laurifolius</i>	RITHA
15	<i>Sterculia urens</i>	KARU
1	<i>Syzygium cumini</i>	JAMBHUL
17	<i>Tectona grandis</i>	SAG
18	<i>Termanalia arjuna</i>	ARJUN
19	<i>Termanalia bellerica</i>	BEHADA
20	<i>Thespesia populnea</i>	BHEND
21	<i>Dendrocalamus strictus</i>	BAMBOO-MES

DEC J)

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION  
(A Government of Maharashtra Undertaking)

WATER SUPPLY  
AGREEMENT FORM

ISSUED TO: M/S. BERGER PAINTS INDIA LTD.

ADDRESS: Additional Bejuri Industrial Area, Tal. Purandar, Dist. Pune

PLOT NO.: G-35 Pin - 412303

PLOT AREA: 73125

CONSUMER NO.: DV007/16A JJ/SOS



**MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION**  
(A Government of Maharashtra Undertaking)

WATER SUPPLY REGULATION - 1973

To,  
The Executive Engineer/Deputy Engineer

MIDC Baramati Division

Baramati - 413102

Sub :- MIDC Add. Sejuri Industrial Area  
Application for New/ Increase in size of /  
Decrease in size of / Transfer of the name for  
water supply connection to  
Plot / Shed No. G-35

Sir,

I have been allotted Plot No./Shed No. G-35

In MIDC Add. Sejuri Industrial Area vide letter No. \_\_\_\_\_

My requirement of water is \_\_\_\_\_ m<sup>3</sup>/day.

I am enclosing the following documents so that water supply connection can be considered by you.

- 1) Xerox Copy of Lease Agreement.
- 2) Xerox Copy of Possession Receipt.
- 3) Xerox Copy of Possession Plan.
- 4) Xerox Copy of letter of approved building Plans.
- 5) Water supply agreement in triplicate duly franked for value of Rs. 100/- & duly filled & signed on every page with seal of the company.
- 6) Water supply connection plan signed by me, licensed architect/licensed Plumber in triplicate.
- 7) The consent to establish / Operate from Maharashtra Pollution Control Board.
- 8) Xerox Copy of No Objection Certificate of MIDC issued by Chief Executive Officer, MIDC, Mumbai-93, against locational clearance of the industry.
- 9) Letter from Regional Officer MIDC in case of change of name or transfer of the industry.
- 10) I am also ready to get the drainage plans prepared by licensed Architect and get them approved from your office within a period of three months from the date of this letter.

Thanking you,

For BERGER PAINTS INDIA LTD.

Yours faithfully,  Authorised Signatory

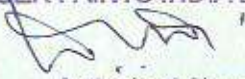
Signature with  
Rubber Stamp

**MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION**  
(A Government of Maharashtra Undertaking)

**NEW / INCREASE / DECREASE**  
**WATER CONNECTION / TRANSFER OF NAME**

- 1) Applicants Full Name : M/s Berger Paints India Ltd
- 2) Applicants Full Address : G-35 MIDC Additional Jejuri,  
Tal. - Purandar, Dist. - Pune, Pin - 412303
- 3) Plot No. & Block where.: G-35  
Connection is required \_\_\_\_\_
- 4) Area of Plot : 73125 Sq.M
- 5) Whether the applicant is : \_\_\_\_\_  
Owner of the plot or his  
Representative
- 6) Owner's full Name & : \_\_\_\_\_  
address.
- 7) Date of Possession : 27.09.2007
- 8) Date on which the plans : \_\_\_\_\_  
Are approved by the Ex. Engineer, MIDC Dn.
- 9) Size of connection : 50 MMO/dia \_\_\_\_\_ required
- 10) Daily requirement of : 150 KL (m<sup>3</sup>) Water in liters
- 11) Required connection : \_\_\_\_\_ ~~Domestic~~/non-domestic
- 12) Future Demand : 150 m<sup>3</sup>
- 13) No. of person to be : 250 Employed
- 14) Nature of Production : \_\_\_\_\_
- 15) What arrangement you : \_\_\_\_\_  
Are going to provide for  
Disposal of Industrial &  
Domestic effluent (Septic  
Tank, Soak Pit, Effluent  
Treatment Plant etc.) Effluent Treatment Plant,  
sewage Treatment Plant etc
- 16) Details of Internal water : U/G Tank, Overhead Tanks  
Supply in the plot sump/  
Pump etc. If you are  
Going to provide & Pumps
- 17) Additional information : \_\_\_\_\_
- 18) Date of Application : 07/11/2019

**For BERGER PAINTS INDIA LTD.**

  
Authorised Signatory

**MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION**

(A Government of Maharashtra Undertaking)

An agreement made on the \_\_\_\_\_ day of the month of \_\_\_\_\_ Two Thousand \_\_\_\_\_ between MIDC on the one hand and Shri/ M/s. \_\_\_\_\_

(hereinafter called a consumer which expression shall unless it is excluded by of repugnant to the context include any person holding a power of attorney to conduct the business on behalf of the consumer) on the other hand.

Where as the consumer on or about the \_\_\_\_\_ day of the month of \_\_\_\_\_ Two Thousand \_\_\_\_\_ applied to the Executive / Deputy Engineer, MIDC \_\_\_\_\_

(hereinafter referred to as Executive / Deputy Engineer) for permission to supply water for the purpose of construction of Factory Building and / or for the regular requirement of water for the Factory on Plot No. G-35 in a Add. Jejuri Industrial Area premises along road in village on water supply scheme.

And whereas the Executive Engineer has agreed to grant such permission hereinafter mentioned.

Now this indenture witness able that in consideration of the conditions hereinafter contained and on the part of the consumer to be performed that Executive / Deputy Engineer hereby grants to the consumer permission to draw water on the following conditions:

1. The consumer shall pay in advance a sum of Rs. 1,19,220/- (Rupees One lakh nineteen thousand two hundred twenty only) towards the water charges for three months for the quantity applied at the current rates as a standing security deposit with MIDC which will bear a simple interest of 5% p.a. Paid Vide TR No. 6106267
2. The consumer shall abide by all the terms & conditions of the MIDC water supply regulations 1973 as amended from time which are attached to this agreement. dt. 29/12/2019
3. The consumer shall take care of the water meter and see that it is working condition at all the times. If the matter is found out of order at the time of reading the assessment will be charged as under :

This date from which the meter has gone out of order will be arrived at on the basis of average consumption per day calculated on the basis of consumption of last month's for all working days.

The assessment for the said period will be charged on the basis of last 3 full months average or the last month's assessment, or the subsequent three months assessment for the immediately after the meter is put in working condition or the last year's assessment for the corresponding period whichever is higher. The penalties as per regulation No. 24 from the 3<sup>rd</sup> to 6<sup>th</sup> months will be charged on the basis of the first two months bill, if the water bill is charged incorrectly will be revised at any time later and the consumer will be liable to pay charges as revised. Water meter shall be provided within 3 months from the connection point.

4. If the meter goes out of order frequently the assessment will be charged at the discretion of the Executive / Deputy Engineer after referring the case to the Superintending Engineer whose decision will be final and binding on the consumer.
5. The consumer shall pay the monthly water charges as per bill within 15 days from the date of the bill and will be allowed a further grace period of one month charging interest @ 17.52% p.a. if the bill along with previous arrears is not paid fully before the expiry of this grace period, the consumer's water supply will be liable for disconnection and the interest will be continued to be charged until the arrears are paid fully.
6. In case of payment by cheque, the date of payment will be the actual date of realization of the cheque and not the date of cheque. Any in payment of charges or other delay

For BERGER PAINTS INDIA LTD.

  
Authorised Signatory

penalties as a result of this delay in realization of the cheque will have to be paid by the consumer.

7. The payment of water charges by cheque will be made in favour of the Bank with which the office Dy. Engineer, MIDC of the local area is having account. In all other cases the bank commission charges will be borne by the consumer.
8. The consumer shall pay the water bill the rates of MIDC as may be amended from time to time. Any upward revision of rates will be given after one month's notice to the consumer.
9. The arrears of water charges are liable to be recovered from the consumer as arrears of land revenue through the Collector if they are not paid in time.
10. The consumer shall bear the cost of preparation, stamping and execution of this agreement.

In witness where of the Executive Engineer for and on behalf of the MIDC hath set his hand and the seal of his office here to and Shri \_\_\_\_\_ hath herein to set his hand the Day, Month and Year first above written.

Signed & Delivered by Shri, S.R. Jashi the Executive / Deputy Engineer, MIDC, Baramati Divn, in presence of \_\_\_\_\_

- 1) Shri V. G. Patkar, D.E.
- 2) Shri D.S. More, J.E.

Signed, Sealed & Delivered by Shri. Dungappa Date in

- 1) Shri Sankar Khirajap
- 2) Shri Rahul Javalkar

For BERGER PAINTS INDIA LTD.

See / Registered Address

Signature with Rubber Stamp

Authorised Signatory



S.R. Jashi  
Executive/ Deputy Engineer  
MIDC, Baramati Division  
Baramati - 410 102

Annexure :- MIDC water supply  
Regulation 1973

Application Slip No. SANT SOPANKAWA SAHAKARI BANK LTD भारत 34670 SPECIAL JUN 29 2020  
Name: Berger Paints SASHAD BRANCH, MAIN ROAD, SASWAD 113792 ADDRESSIVE  
Address: Saswad TAL. BUNGAR DIST. PIN CODE 413201  
Register No. 3660 CORPORATION OF MAHARASHTRA UNDER TAKING 11:19  
By: S.R.K. WATER SUPPLY REGULATIONS, 1973 Rs. 0000100/- PB7046

INDIA STAMP DUTY: MAHARASHTRA  
Special Adhesive  
Stamp

For Sant Sopankawa Sah. Bank Ltd., Saswad  
Authorized Signatory Authorized Signatory  
Franked for value of Rs. 100

MIDC Plot No. G-35  
Phase MIDC  
Add. Tejun Indl. Area.

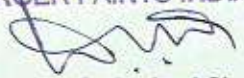
1. SHRI/M/s. BERGER PAINTS INDIA LTD. Preamble.
2. In these regulation unless the context otherwise requires :
  - a. Definition: Consumer shall mean any persons applied for applying for supply of water from any works of the Corporation or any person or persons otherwise liable for payment of water charges.
  - b. Corporation shall mean the Maharashtra Industrial Development Corporation constituted under the Maharashtra Industrial Development Act, 1961 (Mah. III of 1962)
  - c. The Chief Engineer, the Superintending Engineer & Executive Engineer shall mean the Chief Engineer, Superintending Engineer and Executive Engineer appointed by the Corporation.
  - d. Communication pipe shall mean & refer to the pipe which extends from the Corporation's main upto valve nearest the Corporation main.
  - e. Supply pipe shall mean and refer to the pipe which extends from the Corporation stopcock or sluice valve upto the ball cock of the storage tank, if any and any consumer's pipe subject to the water pressure from the Corporation's main.
  - f. Distribution pipe shall mean and referred by consumer's pipe which is not subject to water pressure from Corporation Main.
  - g. Corporation stopcock or sluice valve shall mean and refer to the stopcock or the sluice valve on the communication pipe nearest the Corporation main controlling the supply of water from any Corporation separately with the water charges.
  - h. Consumer's pipes and consumer's fittings shall include and refer to all pipes & fittings respectively used in connection with the supply of water form Corporation's water works which are not the property of the Corporation.
  - i. The terms and expressions used in section 2 of the Maharashtra Industrial Development Act, 1961 (Mah-III of 1962) shall have the same meaning is so far as the interpretation of these Regulations are concerned.
3. **Application for Supply :** before commencing the laying, alteration or extension of any consumer's pipe of otherwise the consumer shall fill up, sign and deliver in the office of the Executive Engineer in charge of the area, the form prescribed in Schedule 'A' attached to these regulations.
4. **Connection to Mains :** All consumer's pipes and fittings shall be laid in accordance with the terms prescribed by the Executive Engineer and shall be perfectly sound and water tight before the water supply is commissioned. Water will not be supplied to any factory or premises so long as such non-compliance remains.

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5. **Alteration or Removal of Consumer's Pipes & Fittings** : No consumer's pipes shall be removed, altered extended except in accordance with these regulation.
6. **Prevention of Water or Misuse of Water** : Every consumer shall prevent waste & or misuse of water of the Corporation.
7. **Communication pipe to be laid or removed by the Corporation** : Communication pipe and fittings which include ferrule G.I. Pipes & specials fittings, materials fittings, materials for jointing etc. or any other type of fittings & accessories Upto ferrule or stopcock approval by the Executive Engineer shall be provided by the consumer at his cost. Laying of communication pipe up to the boundary of the consumer's plot will have to be done by the consumer through a licensed plumber under the supervision of MIDC's authorized representative over & above this, the consumer will have to pay the connection attachment fee as per provision in clause 20.This will include cost of labour that has be incurred MIDC.
8. **Size of communication pipes** : water supplied to any premises for which water charges are paid or for which water charges are payable shall be supplied through a ferrule & communication pipe of the size specified.
9. **Consumer's Fittings Testing and Approval** : All consumer's fittings of whatever kind shall conform to the particulars prescribed & specifications or to such further standard as may from time to time be prescribed by the Corporation and whether so specified or not shall be submitted for approval to the Executive Engineer before being fixed. All such fittings, shall be maintained, repaired and renewed at the consumer's expense to the satisfaction of Executive Engineer, All consumer's fitting or apparatus used in connection with the water supply of the Corporation shall be got approved by the Executive Engineer.
10. **Consumer's Pipes & Fittings** : All consumer's pipes & fittings shall be provided and laid at the consumer's cost and no consumer shall be entitled to supply of water unless & until such pipes & fittings and the laying & fixing thereof are approved by the Executive Engineer and unless proper drainage arrangements are made fro the disposal of waste water and approved the Executive Engineer.
11. **Erection or water closets to be approved** : No connection shall be granted for the supply of water to any water closets, latrine or urinal its erection is approval by the Executive Engineer & unless sufficient short storage is provided.
12. **Material of consumer's pipe** : All consumer's pipes shall be of lead. Galvanized iron/ cast iron, brass or copper and shall conform in every respect to the particulars prescribed and specifications as approved by the Executive Engineer. No pipe except such existing pipes as shall be sound and do not permit waste or except when & as otherwise authorized by those rules shall be laid used or fixed in or about any premises for conveyance of or in connection with the water supplied by the Corporation unless such pipe to be as hereafter prescribed.
13. **Joints** : Whenever lead pipes are used, every lead joint thereof shall be of kind called a plumbing or wiped joint except such existing joints as shall be sound and do not permit waste. All connections between lead & iron pipes shall be made with a brass union
14. **Method of laying consumer's pipe** : All consumer's pipes shall be laid in the ground & not less than forty nine centimeters below the surface unless laid inside a building and all consumer's pipes shall be so laid of fixed as not be exposed to the heat of the sun not shall any consumer's pipe & fitting be laid in any position or manner which would involve risk or injury to the pipe of fitting or waste or contamination of water. All consumer's pipes hereafter laid or fixed inside any building shall be accessible and not embedded in the plaster, stone or brick work of any wall. In every case the consumer shall carry out the reasonable requirements of any wall. In every case the consumer shall carry out the reasonable requirements of the Executive Engineer to this end. The position at which the connection of the supply pipes to the communication pipe shall be fixed by the Executive Engineer.

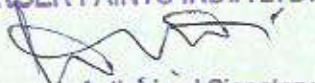
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15. **Pipes to be laid through drain etc:** No pipe shall be used for the conveyance of or in connection with water supplied by the Corporation which is laid of fixed through, in or into any drain or any place where the water conveyed through such pipe may be liable to become fouled or any place where pipe become unsound except where such use is unavoidable. In ever such unavoidable case, such pipe shall be passed through an exterior air tight and water tight pipe or jacket of cast iron or other material approved by the Corporation of sufficient length and strength and of such construction as to afford due protection to the water pipe to the satisfaction of the Executive Engineer so as to bring any leakage there from within easy observation. Any existing pipe or pipes laid, affixed which do not comply with this i.e. shall be removed unless the written consent of the Executive Engineer obtained for its retention.
16. Guard box on the communication pipe shall be placed in a position to be selected by the Executive Engineer. The Corporation shall have exclusive control of this stopcock or sluice valve and to this end require that it will be fitted with a crutch or spindle head of special design to suit a key kept by the Executive Engineer.
17. **Consumer's taps not be fixed in certain places:** No consumer's shall be fixed in any courtyard passage or outside any premise, so as to be available for use by the public or any other party without special permission in written form the Executive Engineer. If in the judgment of the Executive Engineer any such tap either directly or indirectly conduct to or be so used or dealt with as to cause waste or misuse of the water of the Corporation, such tap shall be removed by the consumer within 7 days of the receipt of a written order to that Effect from the Executive Engineer.
18. **Character of cisterns & ball cocks :** Every existing cistern, if not sound or efficient or is such as causes waste or is such as cannot be efficiently repaired and every future cistern, reservoir or storage tank shall be of the prescribed kind and shall at all times be made and at all times maintained water tight and shall by properly covered with a close fitting dust tight mosquito proof lid fitted with an approved lock and key ans key ans shall be provided with a sound and suitable ball cock of the prescribed kind securely fixed to the cistern independently of the supply pipe and set that the ball will not become submerged when the level of the water in the cistern is below the warning pipe or allow the water to rise to with 2.5 cm. of the lower side of the overflow or warning pipe. A stopcock or sluice valve shall be provided on the outlet pipes of all cisterns and fixed as near the cistern as possible.
19. **Cisterns to be accessible :** Every cistern, reservoir or storage tank hereafter used or fixed in connection with water supplied by the Corporation must be easily accessible and placed in such a position as to admit of through inspection and cleaning, and if placed within the house or building shall have a clear space of not less than two feet between its top & ceiling after or roof. No cistern reservoir or storage tank except those supplying closets, latrines or urinals only shall be fixed in any water closet, latrine or urinals only shall be fixed in any water closed, latrine or urinal.
20. **Application for water supply connection :** The application for water supply connection must be accompanied with the attachment fees as per schedule given below:

Nearest Diameter of the Size of Connection	Registration Connection Fees
½" (15mm)	Rs. 500/-
¾" (20 mm)	Rs. 500/-
1" (25 mm)	Rs. 1000/-
1 ½" (40 mm)	Rs. 1000/-

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Beyond 1 1/2" or 38 mm. size connection, a separate estimate determining the connecting fees will be prepared by the Executive Engineer.

**Note :-** Connection fees is payable every time connections is reconnected is after it is cut off under any of the clauses of this agreement.

The above mentioned fees will also be recovered in advance from the parties in case of reopening water supply after it is cut of for any reason in addition to the connection fees, charges for reinstatement of the road surface or the MIDC's land should be paid by the consumer as under :

(The road in statement or road crossing charges is subject to revision from time to time)

- 1) Soil Rs. 10/- per sq.m
- 2) W.B.M. Surface Rs.55/- per sq.m
- 3) Asphalted surface Rs. 60/- per sq.m. including W.B.M
- 4) Concrete surface Rs. 70/- sq.m.
- 5) Road cutting charges for single lane road. Rs. 5,000/-
- 6) Road cutting charged to two lane road Rs. 10,000/-
- 7) Road cutting charged for four lane road Rs. 20,000/-

**21. Fixing tested water meter :-** The consumer shall at his own cost fix the tested meter within his premises over which the water shall be measured. The meter before it is fixed to the connection pipe shall be tested in a testing laboratory approved by the corporation. The test certificate from the officer in charge of the laboratory shall be produced by the consumer. It shall be the duty of the consumer to maintain in good condition the water meter so fixed.

**22. Arrangement for housing meter. :** After the water meter is properly fixed on the connection a brick masonry stone masonry or concrete chamber with lockable C.I. or other approved pattern of frame & cover shall be constructed by the consumer. The meter and it's coupling on consumer's pipes should be sealed by the consumer in the manner approved by The Executive Engineer and should bear the stamp of the corporation if at any particular point of time the seal is found to be broken the consumer will be charged a penal rate of 50 % of the previous month's water bill over and above the normal bill for the month. The responsibility of maintaining the seal shall squarely rest with the consumer. In special case, Executive Engineer may direct that a lock shall be provided by the consumer's own cost and the keys of this lock will rest with the Executive Engineer or his duly authorized agent. The consumer shall be responsible for safety and maintenance in good order of the meter and the cover in his own premises.

**23. Testing of water Meter :** If any time after the installation of the water meter, it is indicated that the meter was running slow. The Executive Engineer shall take action in getting the meter tested for its corrections. In case this test indicates that the meter was running slow. He shall take action in revising the bills suitably with retrospective effect and his decision in the matter shall be final.

**24. Additional water charges for unmetered water :** If the meter fixed by the consumer is found to be lost, damaged, unrepaired or not in working condition, the consumer shall be charged water charges on the basis of three month's average consumption for the first two months of the meter being not repaired where after shall be charged a additional water charges at the rate of 50 percent of the water charges for next two months and at 100 percent of the charges for the fifth and sixth month provided that the total period of unmetered supply in not more than six months

24.1 The consumer shall take care of the water meter and see that it is in working condition at all the times. If the meter is found to be out of order at the time of reading the assessment will be charged as under:

24.2 The date from which the meter has gone out of order will be arrived at on the basis of average consumption per day calculated on the basis of average consumption of last month's for all working days.

24.3 The assessments for the said period will be charged on the basis of last 3 full months average or the months' assessment, or the subsequent three months assessment immediately

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after the meter is put in working condition or the last year's assessment for the corresponding period whichever is higher. The penalties as per regulation No. 24 from the 3<sup>rd</sup> to 6<sup>th</sup> months will be charged on the basis of the first two months bill if the water bill is charged incorrectly it will be revised at any time later and the consumer will be liable to pay charges as revised. Water meter shall be provided with in 3 m. from the connection point.

**25. Disconnection for unmetered water supply :** If the meter supply remains unmetered for more than six months the water supply shall be disconnected after giving seven days notice.

**26. Payment of security deposit for water charges :** The consumer shall deposit with the EX. Engineer a sum of equivalent to the estimated water charges for the three months' advance as a security deposit against failure of payment of water charges and maintenance of water supply consumed, including the water meter in proper condition and good repair, This will be worked out on the basis of the daily requirement (A) and the current water charges. The amount of deposit shall be suitably increased or decreased if the actual consumption is found to vary from the one quoted at the time of submission of the application.

26(i). The amount of deposit which is to be related to the actual consumption of water shall by suitably increased or decreased from 1<sup>st</sup> April of the financial year based on average consumption of water for 10 months from 1<sup>st</sup> April to 31<sup>st</sup> January of the preceding financial year.

26(ii). On the deposit collected as above simple interest at 5% per annum shall be allowed at the end of every year by giving proportionate credit in the water charges bill for the month of March.

**Note :** Deposit paid or before the 5<sup>th</sup> of a month shall only qualify for payment of interest for that month in a year.

26(iii). The maximum amount of deposit will be limited to Rs. 5 Lakhs (Rupees Five Lakhs) where the consumer's deposit is likely to be exceeded Rs.5 Lakhs. However the power is vested with the Executive Engineer, MIDC to recover the security deposit in excess of Rs.5 Lakhs and whose payment of bills are not found to be regular.

**27. Water Rate :** The charges for water shall be fixed by the Corporation from time to time. The Corporation shall increase or decrease the water charges in its discretion after giving notice of one month to the consumer. The rates of water charges so fixed or altered shall by conclusive to disconnect water supply for the comply with these regulations.

**28. Arrears to recovered as arrears of Land Revenue :** The arrears on account of water charges or any other expenses incurred by the Corporation in connection water supply to the consumer shall be recoverable as arrears of land revenue. It shall also be open to the corporation to disconnect water supply for the comply with these regulations.

**29. Detachment Fees :** In case the consumer wants the water supply to be closed, he shall have to make an application in this regard to the Executive Engineer along with the detachment fee, which should be 50 percent of the fees mentioned in the table under Regulations 20-A. Minimum notice of 10 days must be given to the Executive Engineer in this case.

**30. Shortage of water :** While the Corporation will endeavor to supply full quantity of water required by consumer it does not bind itself to supply water to the extent of booked demand for reasons beyond the control of the Corporation such as shortage of water at source, damage to the conveyance system failure of Power etc. In order to take into accounts such non-water supply periods, consumer shall provide their own storage equal to their requirement of 24 hours in their premises.

**31. Booster not allowed :** In no case shall direct boosting be allowed on the corporation mains or on the connections.

**32. Supply Pressure not Guaranteed :** Water supply at pressures is not guaranteed. The Corporation would however make arrangements that the water is delivered at the average ground level of the plot of consumers and that a day's requirement of water would by normally made with at this level.

**33. Hours of water supply :** The hours of water supply to the consumer shall be regulated by Executive Engineer.

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**34. Quality of water :** The Corporation would normally supply potable water.

**35. Bills for water charges :** The bills on account of water charges, as far as possible will be presented in the first week of every month for the water consumed in the preceding month. The consumer shall pay the bill in full within 15 days from the date of issue of the bill to the Executive Engineer. The Payment of bills shall not be withheld on any account.

**36. Failure to pay bills :** In case of failure on the part of the consumer to pay his bill within 15 days from the date of its presentation, interest at 18 % per annum shall be charged to him from the 16<sup>th</sup> day onwards up to a further period of one month. If the consumer fails to pay the bill along with the interest payable within a grace period of one month stated here above, water connection shall be served.

**37. Correction of bills :** If the consumer disputes the contents of the bills he shall first pay the bill under protest and then lodge a complaint. The consumer shall be liable to action under clause 36 above if he refuses to make payment of the bill on grounds of any disputes whatever on the bill furnished to him by the Executive Engineer.

**38. Subletting or renting out connection :** In case the consumer is allowed by the Corporation to sublet or rent out his premises, he shall produce such letter to the Executive Engineer and furnished in writing details of the parties to whom it is sublet. In case there are any arrears recoverable from the consumer the arrears shall be cleared by the consumer before subletting or renting out the premises to any other party.

**39. A) Additional water charges for excess use of water :** In areas where supply quotes are fixed additional water charges for excess consumption of water over and above the quota fixed shall be charged as below.

a) When the consumption of water is known to exceed the allowable consumption the penalty will be charged on the entire excess consumption at double the normal MIDC rates. In case the excess continues beyond a period of 30 days from the date noting the first excess. The connection would be severed after giving 10 days notice to the consumer.

Note : 1) Although the quota fixed will be for quantity per day. The counting period will be month of billing on which the average quantity per day consumed during the billed months should not exceed the quota fixed.

b) In case when meters are lost, damaged removed or out of order, the gap will be settled according to regulation 24 and the penalty will be charged for the excess consumption.

c) In case of fire in a industry, water used for firefighting will be worked out and no penalty shall be charged on this quantity.

**39. B) Where a fixed quantity of bulk supply is from Govt. A Municipality or any local authority & where beyond a fixed quota the bulk supplier levies or would levy additional water charges for consumption in excess of the fixed quota, these additional water charges would be passed on to the (Retail) consumers proportionally and after taking into account the transmission losses, establishment charges etc.**

**40) Disconnection of water supply :** The Executive Engineer shall disconnect the service pipe in any of the following events, after giving a written notice to that effect and act after 10 days of date of such notice received by the consumer.

a) In default of payment of water charges including the delayed payment charges.

b) In case unmetered water supply continues beyond six months.

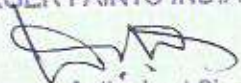
c) In case of consumption of water supply in excess of fixed limits (Regulation 39.)

d) In any leakages or defects in the water supply arrangements within the premises of the consumer are likely to cause losses to the Corporation.

e) If the consumer allows water to run to waste and does not carry out the repairs within seven days of receipt of written letter from Executive Engineer in this behalf.

f) In case of refusal, allow the Executive Engineer or any authorized agents of the Corporation to enter on premises for purpose of inspection of water supply.

For BERGER PAINTS INDIA LTD.

  
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g) If the consumer fails to provide suitable arrangement to the satisfaction of the Executive Engineer for the proper disposal of water which is likely to cause insanitary and injurious conditions.

h) If it is noticed that attempt has been made to temper with the meter or the supply connection.

i) In case of breach of any of the rules contained herein.

41. Case of marginal adjustments in these regulations, involving an amount upto Rs. 100/- per consumer may be determined at the discretion of the Executive Engineer. Such cases involving an amount upto Rs.1000/- per consumer may be determined at the discretion of the Superintending Engineer.

42. For disputes arising out the interpretation or otherwise of these regulations the decision of the Chief Engineer, MIDC shall be final and binding on the consumer.

43. **Modification of the regulation :** The Corporation shall have the power to add, to amend, vary or rescind any provision of these regulations, from time to time as it may deem fit provided the main purposes of the Regulation are not pre-judiciously affected.

We the undersigned solemnly promise to abide the rules laid down as above by the Maharashtra Industrial Development Corporation.



Seal of company / Registered Address

For BERGER PAINTS INDIA LTD.

Authorised Signatory

Signature of Applicant  
With Rubber Stamp.

Connection of size 50 mm dia by providing 50 mm dia water meter sanctioned subject to Regulations and provisions there in all respects. **Meter fixed shall be 'B' Class only.**

This agreement signed, accepted and sealed in my presence on this day 06 of 08 / 2020

Executive / Deputy Engineer,  
MIDC, Baranoli Division,  
Baranoli - 446 102

SCHEDULE "A"

I/We undersigned hereby apply to the Executive / Deputy Engineer, Maharashtra Industrial Development Corporation Baramat Division to supply water at the premises and for the purpose described below and agree to pay such charges as the Corporation may charge from time to time and to conform to the Maharashtra Industrial Development Act 1961 and the Rules and Regulations made thereunder, as per annexure-1.

Shri. A. A. Namelkar Of M/s. 751 bearing License of Municipal Corporation of Greater Mumbai / Thane, Kalyan or Local Municipal Council No. Pune Municipal Corporation For the year 2020 to 2023 have appointed as a licensed plumber to carry out the plumbing work for the water supply and sanitary arrangement for the building on Plot No. G-35 Road No. \_\_\_\_\_ Phase \_\_\_\_\_ Industrial Area at Jejuri in MIDC Additional Jejuri of village \_\_\_\_\_ Survey No. \_\_\_\_\_ Taluka Purandar Dist - Pune District Registered Office Address Berger Paints India Ltd, Berger House, 129, Park Street, Kolkata - 700017 Purpose which is required for construction / process hereby undertake to give the Corporation due notice of any additions or alternations to the above mentioned supply which by 150 C.U.M. at initial stage and 150 C.U.M. on later stage.

I/We have carefully read and understood the water supply regulations 1973 and agreed to abide by the provision made therein and amendments, carried out in the Regulations from time to time and water supply to and water supply to my / our premises will be governed by the Regulations fully, finally and will be legally binding upon me/us.

For BERGER PAINTS INDIA LTD.

Seal of company / Registered Address



Signature of Applicant  
With Rubber Stamp.

Authorized Signatory

डॉ. आ. नानकर  
एकनाथ आ. नानकर

Signature of Applicant  
With Rubber Stamp & Seal  
मु. पारवाडी, पो. कोळविहीर, ता. जुदा  
जि. पुणे (जेजुरी एम आर. डी. सी.)  
लाभान्न = 649.

SANT SOPANKAKA SAHAKARI BANK LTD. HEAD OFFICE : Main Road, Saswad, Tal. Purandar, Dist. Pune 412 301. Franking Deposit Slip  
Govt. of Mah. General Stamp Office Licence No. D-5/STP/WC/R-115/01/10/1092-95/2010 Dt. 21/6/2010

(Customer Copy)

Deposit Br. Head Office :  
Saswad, Pune 412 301.

Pay to SANT SOPANKAKA SAHAKARI BANK LTD.  
A/c Stamp Duty

Date : 29/06/2020 12686

Franking Value (Stamp Duty) Rs. 1000

Service Charges Rs. 30

Total Rs. 130

Name of Stamp Duty paying party :

Bank India Ltd

SANT SOPANKAKA SAHAKARI BANK LTD SASWAD  
29 JUN 2020  
CASH RECEIVED

Cash / DDT Cheque No.                     

Drawn on Bank                     

Branch                     

FRANKING NO.

**MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION**

(A Government of Maharashtra Undertaking)

Udyog Sarathi, Mahakali Caves Road, Andheri (E), Mumbai- 400093

**CUSTOMER COPY**

MIDC GST NO : 27AAACM3560C1ZV

**Receipt**

BERGER PAINTS INDIA LTD

Consumer No : 18AJJ

Plot No : G-35-198JJR

GSTIN : 27AABC60976E1ZV

State Code : 27 A

Industrial Area : Adl. Jejuri

Payment Receipt Number : 20AJJ00000026

Payment Receipt Date : 27-12-2019

Invoice Number : 006106267

Invoice Date : 27-12-2019

S.No	Description	Amount	HSN/SAC	GST %	CGST	SGST	Sub-Total
1	Agreement+Registration	300.00	4820	18.00	27.00	27.00	354.00
2	Connection Charges	1,000.00	996929	18.00	90.00	90.00	1,180.00
3	Water Deposit	119,200.00					119,200.00
<b>Total Amount</b>		<b>120,500.00</b>			<b>117.00</b>	<b>117.00</b>	<b>120,734.00</b>

Amount Paid:

₹ 120,734.00/-

Amount Paid In Words :

Rupees One Lacs Twenty Thousand Seven Hundred and Thirty Four Only

Payment Mode:

Local Chq

Authorized Signatory

Authorized Signatory

Please Note : Cheque / Demand Draft acceptance is subject to realization.

Jejuri