



ANDHRA PRADESH POLLUTION CONTROL BOARD
Dr. YSR Paryavaran Bhavan, APIIC Colony Road,
Gurunanak Colony, Autonagar, Vijayawada- 520007
Phone. No.0866-2463200, Website : <https://pcb.ap.gov.in/>



RED CATEGORY

RENEWAL OF CONSENT TO OPERATE & AUTHORISATION ORDER
Consent Order No:256688/APPCB/KNL/ATP/CFO&HWA/HO/2023- 01/08/2023

CONSENT is hereby granted to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation under Rule 6 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') to:

M/s. British Paints,
(A Division of Berger Paints (I) Ltd),
Plot No.32(Part) and 35-C/1, APIIC Industrial Park,
Sy.No.260 (Part) & 272 (Part) of Gollapuram(V),
Hindupur(M), Anantapur District.
Email: evrk.hpur@britishpaints.in ; sureshevrkhpur@britishpaints.in

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

i) Out lets for discharge of effluents:

Sl. No.	Outlet description	Quantity in KLD	Point of disposal
1.	Process & Washes	4.0	After treatment in ETP, the industry shall be re-used in the process.
2.	Cooling bleed off	1.0	
3.	Domestic	3.0	

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow
1.	Attached to Thermic fluid heater of capacity 2 Lakh Kcal/hr (in the Resin plant)	--
2.	Attached to 1 x 365 KVA DG Set	--
3.	Attached to 1 x 125 KVA DG Set	--
4.	Attached to 1 x 250 KVA DG Set	---

iii) HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]:

M/s. British Paints (A Division of Berger Paints (I) Ltd), Plot No.32(part), APIIC Industrial Park, Sy.No.260 (Part) & 272 (Part) of Gollapuram(V), Hindupur(M), Anantapur District is hereby granted an authorization to operate a facility for collection, reception,

storage, treatment, transport and disposal of hazardous wastes namely:

Sl. No.	Name of the Waste	Stream	Quantity	Disposal Option
1	ETP Sludge	35.3 of Sch-I	250 Kg/month	Shall be routed through M/s. APEMC to TSDF, Nellore District / Preprocessors / Cement industries
2	Paint Sludge	21.1 of Sch-I	250 Kg/month	Shall be routed through M/s. APEMC to pre-processors/ authorized cement industries for co processing / to TSDF, Nellore for incineration
3	Contaminated Cotton waste	33.2 of Schedule – I	90 Kgs/month	
4	Spent solvents	21.2 of Sch-I	1200 lts/month	Shall be utilized for products (paints). unutilized solvent slurry shall be routed through M/s. APEMC to authorized cement industries for co processing/ to TSDF, Nellore for incineration.
5	Empty Polythene Bags	33.1 of Sch-I	200 Kg/month	Shall be routed through M/s. APEMC to authorised recyclers after complete detoxification. (as recyclable waste).
6	Used containers	33.1 of Sch-I	200 Nos/month	Shall be routed through M/s. APEMC to authorized agencies / recyclers. after complete detoxification
7	Used / spent oil from DG sets, Machines etc	5.1 of Sch-I	30 Ltrs/month	Shall be routed through M/s. APEMC to authorized recyclers / re-processors of waste oil.

This consent order is valid for manufacture of the following products along with quantities indicated only.

Sl. No.	Product	Quantity
1.	Solvent based paints	850 TPM
2.	Water based paints	1150 TPM
3.	Resin	500 TPM

This order is subject to the provisions of ‘the Acts’ and ‘the Rules’ and orders made there under and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This combined order of consent & Hazardous Waste Authorisation should be valid for a period ending with the **30.04.2028**.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

M/s. British Paints

(A Division of Berger Paints (I) Ltd),

Plot No.32(Part) and 35-C/1, APIIC Industrial Park,

Sy.No.260 (Part) & 272 (Part) of Gollapuram(V),

Hindupur(M), Anantapur District.

Copy to:

1. The JCEE, Zonal Office, Kurnool for information.
2. The E.E, Regional Office, Anantapuram for information and necessary action.

SCHEDULE – A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. The industry should carryout analysis of waste water discharges or emissions through chimneys for the parameters mentioned in this order on quarterly basis and submit to the Board
3. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
4. The industry shall ensure that there shall not be any change in the process technology, source & composition of raw materials and scope of working without prior approval from the Board.
5. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
6. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules **at least 120 days before the date of expiry of this order**, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board.
7. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
9. The industry shall be liable to pay Environmental Compensation / Other Environmental Taxes, if any environmental damage caused to the surroundings, as fixed by the Collector & District Magistrate or any other competent authority as per the Rules in vogue.
10. The industry may explore the possibility of tapping the solar energy for their energy requirements.
11. The industry should educate the workers and nearby public of possible accidents and remedial measures.

SCHEDULE - B

The industry was placed in the CTO committee meeting on 18.05.2023. The industry

shall comply with the following condition:

1. The industry shall obtain amendment to the EC dt.26.07.2012 on the acquired additional land of 4.21 acres and additional built up area.

WATER POLLUTION:

2. The source of water is APIIC supply / borewell. The following is the permitted water consumption:

Sl. No.	Purpose	Quantity in KLD
1.	Process & Washings	37.0
2.	Cooling makeup	1.0
3.	Fire Fighting	1.0
4.	Gardening / Irrigation	7.0
5.	Domestic	6.0
	Total	52.0 KLD

3. The Effluent Treatment Plant (ETP) shall be operated properly. All the units of the ETP shall be impervious to prevent ground water pollution.
4. The industry shall maintain Electro Magnetic flow meters with totalisers for water consumption, effluent generation mentioned in the Order.
5. The industry shall take measures to avoid spillages during transfer of materials and maintain garland drains to avoid mixing of accidental spillages with domestic waste and storm water drains.
6. The industry shall provide containers detoxification facility. Container & Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.
7. Effluents shall not be discharged onland or any water bodies or aquifers or outside under any circumstances. Floor washings shall be admitted into effluent collection system only and shall not be allowed to find their way into storm water drains or open areas.
8. The industry shall adopt zero liquid discharge system by recycling the entire treated effluent.

AIR POLLUTION:

9. The emissions shall not contain constituents in excess of the prescribed limits mentioned below:

Chimney No.	Parameter	Emission Standards (in mg/Nm ³)
1	Particulate Matter	50 (MoEF notification GSR 1241 (E) dated 28.12.2018 for paint industry)
Tank farm vents	HCl	35
	NH ₃	30
	Chlorine	15
	Benzene	5
	Toluene	100
	Acetonitrile	1000
	Dichloromethane	200
Xylene	100	

	Acetone	2000
--	---------	------

10. The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10 μ m) - 100 μ g/m³; PM_{2.5} (Particulate Matter size less than 2.5 μ m) – 60 μ g/ m³; SO₂ – 80 μ g/ m³; NO_x - 80 μ g/ m³, outside the factory premises at the periphery of the industry.

Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No. B-29016/20/90/PCI-I, dated 18.11.2009

Noise Levels: Day time (6 AM to 10 PM) – 75 dB(A)

Night time (10 PM to 6 AM) – 70 dB(A)

11. The industry shall provide a sampling port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc. A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments. A 15 AMP 250 V plug point shall be provided on the platform.

12. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Act Rules. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment (Protection) Act, 1986.

13. The evaporation losses in solvents shall be controlled by taking the following measures:

- a. Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.
- b. Transfer of solvents shall be done by using pumps instead of manual handling.
- c. Closed centrifuges shall be used to reduce solvent losses.
- d. The reactor vents shall be connected with primary & secondary condensers to catch the solvent vapours.
- e. All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.

14. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.

15. The industry shall maintain Fixed AAQ monitoring stations in the core zone as well as in the buffer zone.

16. The industry shall not cause any air pollution/odour nuisance in the surrounding environment.

17. The industry shall comply with the MoEF notification GSR 1241 (E) dated 28.12.2018 for paint industry:

- i. All dust generating equipment or processes shall be provided with dust extraction arrangement.
- ii. The bag houses, etc. shall be connected to chimneys or stacks of at least twelve metres height or at least two metres above the top most point of the building, shed or plant in the industry, which so ever is higher.
- iii. The unit shall channelise shop floor or fugitive emissions through a stack of twelve metres height or at least two metres above the top most point of the building or shed or plant in the industry, which so ever is higher.

GENERAL:

18. The industry shall not manufacture new products and not exceed the individual products mentioned in this order without CTE / CTO of the Board.

19. The industry shall comply with all the conditions stipulated in the EC order dt.

- 26.07.2012 issued by the MoEF&CC, GoI, New Delhi.
20. The proponent shall place the chemical drums and / any drums in the concrete platform only. The Platform shall be provided with sufficient dyke wall and effluent collection system.
 21. The industry shall maintain the following records and the same shall be made available to the inspecting officers of the Board:
 - a. Daily production details.
 - b. Characteristics of effluents and emissions.
 - c. Quantity of Effluents generated, treated, recycled/reused.
 - d. Log Books for pollution control systems.
 - e. Hazardous/non hazardous solid waste generated and disposed.
 - f. Manifest copies of effluents / hazardous waste.
 - g. Inspection book.
 22. The industry shall maintain minimum 33% green belt with native species of the total area.
 23. The industry shall maintain sensors for the vents of the storage tanks and work room concentration.
 24. **The industry shall maintain Venting equipment through vapour recovery system.**
 25. The industry shall provide VOC monitoring facility in the premises within one month.
 26. The industry shall provide separate energy meters for ETP and Air pollution Control equipments to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.
 27. The industry shall comply with SoPs issued by CPCB time to time for all the wastes.
 28. The industry shall maintain valid PLI policy which includes Environmental Relief Fund (ERF) and submit copy to RO, Visakhapatnam on yearly base.
 29. **The industry shall comply the conditions issued in EC order dt. 26.07.2012 and CTE order dt 28.03.2022.**
 30. The industry shall comply with the Regulation of Persistent Organic Pollutants Rules, 2018 notified by the MOEF&CC Notification vide G.S.R. 207 (E) dated 30.05.2018. As per the notification, the following 7 chemicals are prohibited to manufacturer, trade, use, import and export:
 - i. Chlordecone,
 - ii. Hexabromobiphenyl,
 - iii. Hexabromodiphenyl ether and heptabromodiphenyl ether (commercial octa-BDE),
 - iv. Tetrabromodiphenyl ether and pentabromodiphenyl ether (commercial penta-BDE),
 - v. Pentachlorobenzene,
 - vi. Hexabromocyclododecane and
 - vii. Hexachlorobutadine.
 31. The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Board.
 32. The industry shall install digital display boards at publicly visible places at the main gate indicating the products manufactured Vs permitted quantities, Treated effluent concentrations Vs discharge standards, Stack emission & AAQ concentrations Vs standards, hazardous waste generation, disposed, stock Vs permitted quantities and validity of CTO; and exhibit the CTO order at a prominent place in the factory premises, as per Hon'ble Supreme Court order.
 33. The industry shall submit Half yearly compliance reports to all the stipulated

conditions in Environmental Clearance (EC), Consent to Establishment (CTE) and Consent to Operation (CTO) through website i.e., <https://pcb.ap.gov.in> by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through MoEF&CC recognized and National Accreditation Board for Laboratory Testing (NABL) accredited third party.

34. Any other directions / circulars / notices issued by CPCB, MoEF&CC and APPCB shall be followed from time to time.

35. The conditions are stipulated without prejudice to the rights and contentions of this Board in any Hon'ble Court of Law.

Special conditions:

1. The industry shall prepare a safety report and carry out an independent safety audit report of the respective industrial activities including chemical storages / isolated storages by an expert not associated with such industrial activity as required under Rule 10 of MSIHC Rules, 1989 and get it approved by the Factories Dept., and submit the compliance along with copy of the safety report, safety audit report and safety certificate at concerned Regional Office, APPCB.
2. The industry shall extend training to the working personnel for the prevention of accidents and necessary antidotes to ensure safety, as per the MSIHC Rules, 1989.
3. The industry shall carryout calibration of safety equipment and leak detection systems at regular intervals and shall certify the same with the Factories Department. That certified copy shall be submitted to the APPCB, Regional Office.
4. The industry shall install fluorescent Wind Vane at the highest point in the industry premises.
5. The industry shall submit Risk analysis and risk assessment covering worst scenario clearly describing impact within the industry premises and outside the industry premises and emergency response system.
6. The industry shall submit the copy of the safety audit report and On-Site / Off Site Emergency Plans as applicable after being certified by the Factories Department to the APPCB, Regional Office from time to time, if the storage quantity of hazardous chemicals is equal to or, in excess of the threshold quantities specified in schedule 2 & 3 of MSIHC Rules, 1989.

SCHEDULE – C

[See rule 6(2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

1. The authorized person shall comply with the provision of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any authorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;

6. The person authorized comply with the provisions outline in the Central Pollution Control Board guidelines on “Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty”.
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. An application for the renewal of an authorization shall be made as laid down under these Rules.
9. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
10. The industry shall dispose of e-waste to the authorized recyclers only.
11. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.
12. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal to the manufacturers / dealers on buyback basis.
13. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to concerned Regional Office of APPCB.
14. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

M/s. British Paints

(A Division of Berger Paints (I) Ltd),

Plot No.32(Part), APIIC Industrial Park,

Sy.No.260 (Part) & 272 (Part) of Gollapuram(V),

Hindupur(M), Anantapur District.