

**CONSENT & AUTHORISATION ORDER (Fresh)
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Consent Order No:APPCB/KNL/KNL/17890/CFO&HWM/HO/2014 6232 Date:28.01.2014.

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof).

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2008 (hereinafter referred to as 'the Acts', 'the Rules') and amendments thereof and the rules and orders made there under to **M/s. Berger Paints India Ltd, Plot no.262, APIIC, Growth Centre, Gollapuram Road, Thumakunta(V), Hindupur (M), Ananapur District. e-mail id: dipankarnag@bergerindia.com** (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below.

i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Trade Effluents: (Process and Washings - 27 KLD + Cooling blow down - 2 KLD + Softner washings - 2 KLD)	37 KLD	<ul style="list-style-type: none"> • Treated in Biological ETP. • Treated waster water shall be recycled / re used for toilet flushing & equipment washings.
2.	Domestic effluents - 6 KLD (after septic tank)		

ii) Emissions from chimneys*:

Chimney No.	Description of Chimney
1.	Attached to Twin Shaft Dispensers (5 nos).
2.	Attached to 1 x 250 KVA D.G. Set, 2 x 1250 KVA D.G.Sets.

* As per CFE dt.31.12.2011, the industry was permitted 2 TPH Boilers - 5 nos. The industry shall obtain CFO after installation.

iii) APPCB/KNL/KNL/17890/CFO&HWM/HO/2014 HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 5 (4)] of Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2008 & Amendments thereof.

M/s. Berger Paints India Ltd, Plot no.262, APIIC, Growth Centre, Gollapuram Road, Thumakunta(V), Hindupur (M), Ananapur District is hereby granted an authorisation to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as below: The quantities mentioned as per CFE dt.31.12.2011. **The industry shall notify the quantities per the permitted products in this order to RO, Kurnool within 15 days.**

• HAZARDOUS WASTES WITH DISPOSAL OPTION:

S. No.	Name of the Hazardous Waste	Stream	Quantity of Hazardous waste	Disposal option
1.	PSM	BE-35 of Rule - I	5.9 TPM	TSDF, Dundigal, R.R. District for secured land filling.

• **HAZARDOUS WASTES WITH RECYCLING OPTION**

Sl.No.	Name of the Hazardous Waste	Stream	Quantity of Hazardous Waste	Disposal Options
1.	Empty Polythene Bags	33.3 of Schedule - I	4.8 TPM	After complete detoxification, disposed to the outside agencies.
2.	Used containers	33.3 of Schedule - I	3500 Nos/Month	After complete detoxification, disposed to the outside agencies.
3.	Waste Oil	5.1 of Schedule - I	0.2 KL/Month	Sent to Authorised Reprocessors / Recyclers.

This consent order is valid for the manufacture of the following products along with quantities mentioned below:

S.No.	Product	Quantity
1.	Water based Emulsion Paints	907 KLD
2.	Water based Distemper Paints	160 MTPD

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

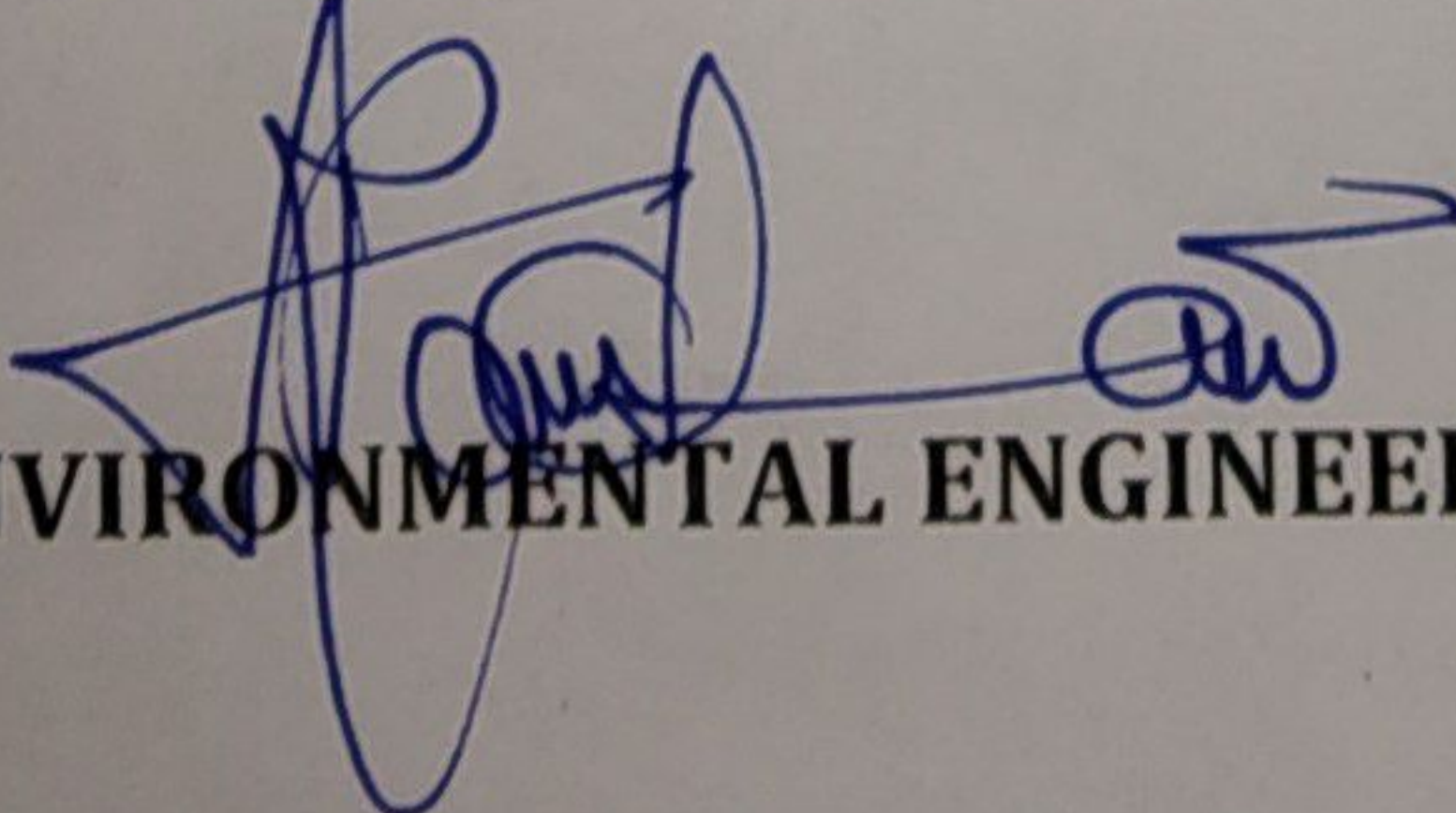
This combined order of Consents and Authorization is valid for a period ending with the **30th day of November, 2014.**

**Sd/-
MEMBER SECRETARY**

To

**M/s. Berger Paints India Ltd,
Plot no.262, APIIC, Growth Centre,
Gollapuram Road, Thumakunta(V),
Hindupur (M), Ananapur District.**

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CHIEF ENVIRONMENTAL ENGINEER (FAC)

SCHEDULE - A

1. The applicant should make application 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 for obtaining Consent & HW Authorization of the Board.
2. The project occupier should immediately submit the revised application for consent to this Board in the event of any change in the building and site specifications, quantity of trade effluents & quantity of emissions etc.
3. The applicant should not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and should not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
4. The applicant should, not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production should be stopped.
5. Any up-set condition in the project, which results in increased effluent discharge and/ or violation of standards stipulated in this order or the emission of any Air Pollutant into the environment in excess of the standards laid down by the Board occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge / emission occurs or is apprehended to occur should forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax / email under intimation to the Collector and District Magistrate.
6. In case of such episodal discharges / emissions mentioned in item 5 above, the project should take immediate action to bring down the discharge / emission below the limits prescribed in this order.
7. A good housekeeping should be maintained in the premises. All hoods, pipes, valves, sewers and drains should be leak proof. Floor washings should be admitted into the effluent collection system only and should not be allowed to find their way into storm drains or open areas.
8. a) The project should carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in Schedule - B of this Order at regular intervals.
b) The project should maintain following records for access to the Board, whenever required.
 1. Analysis reports of waste water/ emissions.
 2. Log book for operation of pollution control systems.
 3. Inspection book
9. Separate power connection with energy meter should be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment should be maintained separately.
10. The applicant should comply with the directives/orders issued by the Board in this order and at all subsequent times without any negligence on his part. The applicant should be liable for such legal action against him as per provisions of the Law/Act in case of non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
11. The applicant should furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system / air pollution control equipment / secured storage area of Hazardous Waste and such other particulars as may be pertinent for preventing and controlling pollution.
12. The project is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
13. All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes should be followed.

14. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed.
15. The occupier should educate the workers and nearby public of possible accidents and remedial measures.
16. For any accident or spillage of hazardous wastes causing damage to the Environment, the occupier or the transporter as the case should be held responsible.
17. The occupier should prepare/update Emergency preparedness plan for safe handling of hazardous waste from time to time and submit the same to APPCB. Emergency preparedness plan must be implemented immediately whenever there is fire, explosion or release of hazardous waste or hazardous waste constituents, which could endanger to human health or environment.
18. Packaging, labeling and transportation of Hazardous Wastes should be in accordance with the provisions of the rules issued by the Central Govt. under the Motor Vehicles Act, 1988 and other guidelines issued from time to time. The packaging and labeling should be based on the composition and hazardous constituent of the waste, however all Hazardous Waste containers should be provided with a general label.
19. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter should carry a Transport Emergency (TREM) Card (as given in the guidelines for management and handling of hazardous wastes) duly filled by the Hazardous Waste generator.
20. No Hazardous Wastes should be mixed with any other wastes or should be discharged to a common, other internal, external sewerage or other drainage system without prior approval of APPCB.
21. If MS/HDPE bags or drums are used for storing Hazardous Wastes, these drums / bags should be ensured that they are perfectly sealed.
22. The project should comply with the provisions of Batteries (Management & Handling) Rules, 2001.
23. The project should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate. The first sign board should provide information on specific conditions of CFO and Hazardous Waste Authorisation. The second sign board should display waste water, air emissions and solid waste generated within the factory premises.
24. The applicant should exhibit the Consent & HW Authorisation order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
25. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and its amendments thereof to review 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.
26. The authorisation issued under Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008 and its amendments thereof, should comply with the provision of the Environment (Protection) Act, 1986.

SCHEDULE - B

1. The industry shall not manufacture any un-consented products and exceeding capacities without obtaining Consent for Establishment (CFE) and Consent for Operation (CFO).
2. The industry should take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities prescribed below :

S.No.	Purpose	Quantity in KLD
1.	Process water	320
2.	Cooling Tower make up	1
3.	Plant & process wash, QC	2
4.	Fire fighting make up	1
5.	Domestic	7
6.	Gardening	7
	Total	338

3. The industry shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board. **The industry shall provide separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes as per Cess Form-I.**
4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No.	Parameter	Emission Standards
1	Particulate matter	100 mg/Nm ³

5. The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10 µm) - 100 µg/ m³; PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/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).
6. **The industry stated that there is no generation of High TDS effluents in the applied two products. They shall submit ETP performance report to RO Kurnool within one month. The industry shall adopt zero liquid discharge system i.e., completely recycled & reused as committed.**
7. **In case of manufacture of Water based Polymer Emulsion permitted in CFE dt.31.12.2011, the industry shall install MEE & RO plant as per CFE. They shall obtain CFO before manufacture of Water based Polymer Emulsion.**
8. **The industry shall install Four Fixed AAQM stations shall be provided in Core as well as buffer zone in the down wind direction and in nearest village / habitation where max. ground level concentration is expected, within Two months, as committed vide lr.dt.27.01.2014.**
9. **The industry shall install VOC analyzer within Two months, as committed vide lr.dt.27.01.2014.**
10. **The industry shall submit bank guarantee of Rs. 2.1 Lakhs (i.e., @ Rs. 20,000 per Acre) with validity of 3 years for development of additional green belt of 7 Acres to meet the norms., at RO, Kurnool within 15 days.**
11. **The industry shall earmark an amount of Rs. 35.6 Lakhs per annum (i.e., @ 0.2% of project cost) for 10 years towards the Enterprise Social Responsibility (ESR) activities and spend the amount in Local area, as per the Board circular.**
12. There shall not be any spillages / discharges of chemicals / effluents on ground. The drums containing chemicals & wastes shall be stored in elevated platform provided with leachate / spillages collection pit.
13. The industry shall control fugitive emissions and ensure that there shall not be any dust emissions into environment.
14. The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection.
 - a. Daily production details, RG-I records and Central Excise Returns.
 - b. Quantity of effluents generated, forced evaporated, first fore run & secondary condensate generation on daily basis.
 - c. Daily solid waste generated and disposed to TSDF.
 - d. Log Books for pollution control systems.
15. Regular monitoring of vents of the storage tanks and work room concentration shall be carried out using sensors.
16. Container & container liners shall be detoxified at the specified covered platform with dyke walls and the wash waste water shall be routed to effluent collection tank.
17. The applicant shall submit Environment statement in Form-V to the Regional office before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
18. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
19. The conditions stipulated in this order are without prejudice to rights and contentions of this Board in any Hon'ble court of Law.

SCHEDULE - C

[see rule 5(4)]

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

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof. The industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office. 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 22(2) of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and amendments thereof.
3. The industry shall dispose /sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.
4. The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.
5. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Reprocessors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises. The industry shall check the Certificate/ Authorisation/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.
6. The industry shall dispose of e-waste to the authorised recyclers only.
7. The industry shall maintain good house keeping.
8. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-

MEMBER SECRETARY

//T.C.F.B.O //


CHIEF ENVIRONMENTAL ENGINEER (FAC)