

MAHARASHTRA POLLUTION CONTROL BOARD

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



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

Consent order No :- Formate 1.0/ BO/CAC-Cell/ EIC No RD-3203-15/16thCAC - 5498

Date- 27/04/2016

To,

M/s Mazda Colours Ltd,
Plot no 121/1, MIDC Dhatav,
Roha, Raigad

Subject: Consent to 1st Operate (Part) Phase-1 under RED category.

Ref : 1. Consent to establish granted vide no. BO/PAMS/E/EIC NO RD-2320-12/CAC-408 dtd 27.04.2012

2. Your application approved in CAC meeting held on 22.03.2016.

Your application: CO1512000012

Dated: 19.11.2015

For: Consent to 1st Operate (Part) Phase 1

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

1. The consent is granted for a period from date of issue of consent to 31.12.2016.
2. The capital investment of the industry is Rs.91.9 Crs. (As per C.A.Certificate submitted by industry).
3. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity in MT/M
1	Mazcol Crude Blue (Copper Phthlocyanine)	500
2	Mazcol Blue 150 (Alpha Blue)	125
3	Mazcol Blue (Beta blue)	300
4	Mazcol Blue and green colourant	200
5	Mazcol RMB 650	125
6	Mazcol MCR 5000	100
	By-products	
1	Dilute Sulphuric acid	10

Industry shall carryout the production quantity corresponding to generation of trade effluent 800 CMD against consented effluent quantity 1347 CMD for operating the plant with 100% production capacity.

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	800	As per Schedule -I	400 CMD of treated effluent shall be recycled in process and

				remaining 400 CMD shall be discharged at CETP outlet
2.	Domestic effluent	13	As per Schedule -I	Recycle

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler 1 no and thermopack 2 nos	1	As per Schedule -II
2.	Boiler 1 no and thermopack 4 nos	1	As per Schedule -II
3.	DG set 1250 KVA	1	As per Schedule -II
4.	Process stacks	3	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UOM	Treatment	Disposal
1	Coal ash	6 MT/D	NA	Sale to cement/brick manufacturer
2	Biological sludge	36 MT/A	NA	Used as manure in garden/land filling
3	Waste paper, card boards, waste materials, waste glass bottles, glass wares, waste plastic PVC scrap & metal scrap.	150 MT/A	NA	Sale to authorized parties

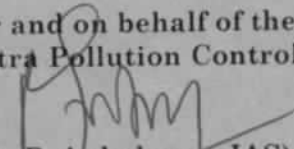
7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used /Waste oil	5.1	10		MT/A	Sale to authorized reproprocessors
2	Oil Soaked cotton	5.2	10		MT/A	CHWTSDF/Sale to Authorized parties
3	Process waste/residues /sludge	21.1	50		MT/A	Sale to authorized parties
4	Chemical sludge	34.3	1000		MT/A	CHWTSDF/S

	from ETP					ale to Authorized parties
5	Discarded containers/Barrel/Liners	33.3	250		MT/A	Sale to authorized parties/CHW TSDf
6	Salts generated from MEE	34.3	4200		MT/A	CHW TSDf/

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry shall install & operate online monitoring system for their treated trade effluent for pH, BOD, and COD with data logger system.
11. The treated trade effluent shall be discharged by tanker or through flexible pipeline at CETP outlet and CETP shall daily monitor the tanker effluent by analyzing for COD and pH parameter.
12. This is temporary arrangement permitted only for two months or upto completion of upgraded new CETP (expanded capacity of Roha CETP) whichever is earlier.
13. After satisfactory commissioning of new CETP (expanded capacity) the industry will be allowed to discharge the treated effluent of 400 CMD to new CETP after achieving 80 mg/lit BOD standard.
14. Industry shall up-grade their system to achieve 30 mg/lit BOD standard by end of November 2016 and submit the BG of Rs. 10 lakhs towards compliance of the same.
15. Industry shall submit the BG of Rs. 10 lakh towards compliance of consent conditions.
16. Industry shall install separate energy meter for ETP and another for MEE system.
17. Industry shall maintain the daily record of effluent generated and discharge to outlet of CETP and shall be submitted weekly report to SRO office.
18. Industry shall comply with the conditions stipulated in Environmental Clearance granted by GoM vide No. SEAC-2011CR.694/T.C.2 dtd 27.12.2011.
19. Industry shall install necessary APCs ESP, Bag filter or wet scrubber to the coal fired boiler by 30th June 2016. Till then, industry shall not operate the coal fired boiler.
20. This consent is issued pursuance to the NOC given by Deputy CEO, MIDC dated 25.04.2016 to discharge treated trade effluent at outlet of CETP by tanker.
21. Industry shall carry out the production quantity corresponding to generation of trade effluent 800 CMD and also for corresponding quantity of water consumption, fuel consumption and raw material and hazardous waste for the same.

For and on behalf of the
Maharashtra Pollution Control Board


(Dr. P. Anbalagan, IAS)
Member Secretary

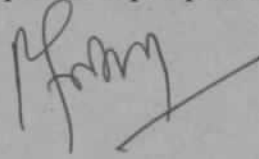
Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	625100	455766	28.10.2015	HDFC Bank

The balance fees Rs. 531350, with the Board will be considered at the time of next renewal of consent.

Copy to:

1. **Regional Officer –Raigad and Sub-Regional Officer-Raigad-2, MPCB:** They are directed to ensure the compliance of the consent conditions. SRO shall closely monitor the performance of pollution control system along with JVS sampling and disposal of treated trade effluent by tanker on weekly basis for two months and if any non-compliance of the industry observed shall be reported to CAC-Cell immediately.
2. **Copy to Chairman, RIA CETP, Roha:** They are requested to monitor treated trade effluent discharge as per condition no 11.
3. **Chief Accounts Officer, MPCB, Mumbai.**
4. **CC/CAC desk- for record & website updation purposes.**



Maharashtra Pollution Control Board

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 1500 CMD comprising of primary and secondary treatment followed by RO and MEE.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board (If any)
		Limiting Concentration in mg/l, except for pH
01	pH	6.0-8.5
02	Oil & Grease	10
03	BOD (3 days 27°C)	80
04	Total Dissolved Solids	2100
05	Suspended Solids	100
06	COD	250
07	Chloride	600
08	Sulphate	1000

C) The treated effluent of 400 CMD shall be discharged to CETP outlet and remaining 400 CMD shall be recycled/reused in the process.

2) A.] As per your consent application, you have provided septic tanks. The overflow of the septic tanks will be mixed at secondary stage in ETP.

B] In case the treatment system is combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no.1 B & C of schedule I shall be applicable.

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

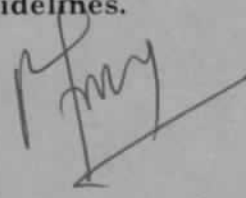
4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr.	Purpose for water consumed		Water consumption
-----	----------------------------	---	-------------------

no.		quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	130
2.	Domestic purpose	15
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1319
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0
5.	Gardening	130

- 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.



Maharashtra Pollution Control Board

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO ₂ Kg/Day
1	Boiler 1 no and thermopack 2 nos	Stack	30	FO	900 Lit/D	4.5	81
2	Boiler 1 no and thermopack 4 nos	Stack	30	Imported Coal	67 MT/D	0.5	670
3	DG set 1250 KVA	Stack	h + 6.0	HSD	260 Litre/Hr	1	124
4	Process stack for CPC crude production	Water scrubber	6.1	NA	NA	NA	NA
5	Process stack for CPC crude production	Sulphuric acid scrubber	4.5	NA	NA	NA	NA
6	Process stack for mazcol Blue 150	SO ₂ /SO ₃ scrubber	3.5	NA	NA	NA	NA

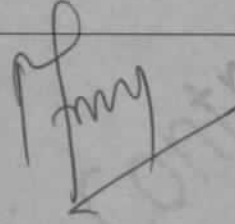
2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve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

Particulate matter	Not to exceed	150 mg/Nm ³ .
SO ₂ /SO ₃ Process	Not to exceed	50 mg/Nm ³
NH ₃	Not to exceed	50 pmm
HCl	Not to exceed	35 mg/Nm ³

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

Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submissi on Period	Purpose of BG	Complian ce Period	Validity Date
1	C to O	Rs 10 lakh	Within 15 days from the date of issue of consent	Industry shall up-grade their system to achieve 30 mg/lit BOD standard by end of November 2016	30.11.2016	30.03.2017
2	C to O	Rs 10 lakh	Within 15 days from the date of issue of consent	Towards compliance of consent conditions.	31.12.2016	30.04.2016


↓

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly.
- 4) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 7) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 11) 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).
- 12) The industry should comply with the Hazardous Waste (M, H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Wastes (M,H &TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 13) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 14) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

- 15) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 16) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 17) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 18) The industry should not cause any nuisance in surrounding area.
- 19) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20) The applicant shall maintain good housekeeping.
- 21) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 22) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 23) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control 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.
- 24) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.