

# MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
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Near Sion Circle, Sion (E),  
Mumbai - 400 022

Consent order No :- 1.0/BO/CAC-Cell/UAN No. 0000003661/CAC- 9750 Date-12/08/2016

To,  
M/s. Cummins India Limited (DBU) - TTC  
Plot No. A1, MIDC Suravadi, Phaltan Lonand Road,  
Phaltan Taluka, Phaltan, Dist. Satara

Subject: 1<sup>st</sup> Consent to Operate under Orange category.

Ref : 1. Previous consent to establish granted vide consent no BO/CAC-  
Cell/EIC No. PN-21517-14/CAC-7482 dated 08.08.2014.  
2. Minutes of CAC meeting held on 08.07.2016.

Your application:- CO1604000216.  
Dated: 06.05.2016.

For: 1<sup>st</sup> Consent to Operate for Technical training Centre 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 to operate is granted for Technical Training Centre on total BUA 2821.82 Sq. mtrs. for the period upto 31.01.2018.
2. The actual capital investment of the industry is Rs. 10 Crs. (As per CA certificate submitted by industry).
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity
1.	Technical Training Centre	2821.82 Sq. mtrs.

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

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	Nil	NA	NA
2.	Domestic effluent	7.0	As per Schedule -I	On land for gardening

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set (500 KVA)	1	As per Schedule -II
2.	Live Training Module	7	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1.	Aluminum( Pistons, oil pan, after cooler housing etc)	0.50 T/Y	---	By sale to authorized

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
2.	Cast Iron( Cylinder Block, mounting part etc)	3.0 T/Y	---	re-processor
3.	Metal Scrap	1.0 T/Y	---	
4.	Copper/Brass	0.1 T/Y	---	
5.	Gasket/Rubber	0.7 T/Y	---	
6.	Starter/Alternator/Motor	1.0 T/Y	---	

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 Oil	5.1	1260	Ltr./A	---	CHWTSDF
2.	Waste/Residue containing oil	5.2	1320	MT/A	---	CHWTSDF
3.	Grease packets, etc.	5.2	240	Kg/M	---	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

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	Rs. 50,100/-	4440U16120984140	29.04.2016	HDFC Bank

Copy to:

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

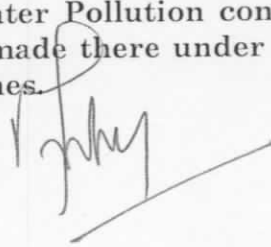
**Schedule-I**

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

- 1) A] As per your application, the trade effluent generation is Nil  
B] The treated effluent disposal shall be Nil.
- 2) A] As per your consent application, you have provided sewage treatment system with the design capacity of 40 CMD.  
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. |
- C] The treated sewage shall be used on land for gardening/plantation purpose after confirming to above standards. There shall not be any discharge directly/indirectly outside the 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 and extension or addition thereto.
- 4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

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

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



**Schedule-II**

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

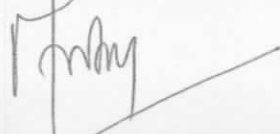
1. As per your application, you have provided the Air pollution control (APC) system and also erected the following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	SPM %	SO <sub>2</sub> Kg/Day
1.	DG set (500 KVA)	---	6 mtr.	HSD	55 Lit/hr	1	26.4
2.	Live Training Module (4 Nos.- 10, 30,62.5, & 82.5 KVA)	---	6 mtr	HSD	120 Lit/hr	1	74.4
3.	Live Training Module (ISL-345 HP)	---	6 mtr				
4.	Live Training Module(6 CTAA 245 HP)	---	6 mtr				
5.	Live Training Module(K90 600 HP)	---	6 mtr				
6.	Live Training Module(VTA 28 750 HP)	---	6 mtr				
7.	Live Training Module (KTA 38 1180 HP)	---	6 mtr				
8.	Live Training Module(K50 1470 HP)	---	6 mtr				

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. (Concern section shall mention specific control equipments)
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
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4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation there of or alteration or replacemenalteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).



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

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	CtoO	Rs. 5 lakh	15 days	Towards O&M of pollution control system so as to achieve the disposal standards	Continue	31.05.2018



Maharashtra Pollution Control Board

## Schedule-IV

### General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control 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) 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 Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30<sup>th</sup> June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent (in case of Renewal of consent).**
- 12) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).
- 13) The industry 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.