

## 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/UAN No 0000003445/3rd CAC/9253  
Date-19/07/2016

To,  
Deepak Fertilizers and Petrochemicals Corporation Limited.  
K-1 to K-5, MIDC Taloja, Dist - Raigad.

Subject: Amendment in Consent to establish for expansion under RED category.

- Ref : 1. Existing Consent granted vide no. Formate 1.0/ BO/CAC-Cell/EIC No NM-5331-14/22nd CAC/692 dtd 21.01.2015 which is valid upto 31.08.2016.  
2. Consent to establish granted vide no. Formate 1.0/ BO/AST// EIC No NM-4347-13/CAC-9240 dtd 31.10.2013.  
3. Your application approved in CAC meeting held on 08.07.2016.

Your application: CE1604000271

Dated:05.05.2016

For: Amendment in Consent to establish for expansion 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 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 commissioning of the unit or Five years or 31.10.2018 whichever is earlier.
2. The proposed capital investment of the industry is Rs.550.00 Crs. (As per undertaking submitted by industry).The total CI of the industry is Rs 2196.7 crs (Existing = Rs 1646.7 crs + Proposed = 550 crs)
3. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity
1	Multiple grades of NPK fertilizers	800000 MT/A

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	100	As per Schedule -I	CETP
2.	Domestic effluent	20	As per Schedule -I	CETP

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.	Process stacks	2	As per Schedule -II
2.	DG set 750 KVA	1	As per Schedule -II

6. Conditions about Non Hazardous Wastes:NA
7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste: NA
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 not take any effective steps without obtaining amendment in Environmental Clearance and shall submit BG of Rs 10 lakhs towards the compliance of the same.
11. This consent is granted by overriding consent no Formate 1.0/ BO/AST// EIC No NM-4347-13/CAC-9240 dtd 31.10.2013.

For and on behalf of the  
Maharashtra Pollution Control Board

*(P.K. Mirashe)*  
(P.K. Mirashe)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No./RTGS no	Date	Drawn On
1	380000	IBKLR920 160502000 37580	02.05.2016	IDBI
Previous consent fees				
1	720000	003643	26.12.2012	IDBI Bank

Copy to:

1. Regional Officer -Navi Mumbai and Sub-Regional Officer-Taloja MPCB, 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, you have provided the existing Effluent Treatment Plant (ETP) with the design capacity of 3880 CMD.
- 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)	100
04	Total Dissolved Solids	2100
05	Ammonical nitrogen as N	50
06	Total residual chlorine (as Cl <sub>2</sub> )	1.0
07	Hexavalent Chromium	0.1
08	Total Chromium	2.0
09	TKN	100
10	Nitrate Nitrogen	0.10
11	Cyanide	0.2
12	Vanadium	0.2
13	Arsenic	0.2
14	Fluoride	10
15	Phosphate(as P)	5.0
16	Suspended Solids	100
17	COD	250

- C ) The treated effluent shall be recycled/reused to maximum extent and remaining shall be discharged to CETP.
- 2) A] As per your consent application, you provided the sewage treatment system with the design capacity of 180 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 discharged to the CETP.
- 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	380
2.	Domestic purpose	25
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	145 (Industry shall use treated effluent of existing plant after RO treatment)
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0

- 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 proposed to install the Air pollution control (APC) system and also proposed to erect following stack and to observe the following fuel pattern -

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO <sub>2</sub> Kg/Day
1	Process stacks	scrubber	30	NA	NA	NA	NA
2	DG set 750 KVA	Stack	6.32	HSD	250 Ltr/Hr	1	120

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	100 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 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	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Amendment in C to E	Rs 10 lakh	Within 15 days from the date of issue of consent	Industry shall not take any effective steps without obtaining amendment in Environmental Clearance	31.10.2018	28.02.2019

#### 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 obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity.
- 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.