

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
E-mail: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E)
Mumbai-400 022.

Consent order No :- Format1.0/BO/CAC-cell/EIC no.KP-17542-15/CR/CAC- 3574-A
Date- 15/06/2016

To,
M/s. JSW Jaigarh Port Ltd.
S.No. 22, 24, 25, 26, 27, 28, 30, 31-40, 42-46,
Village Dhamankol Bay Post Jaigad, Tal Ratnagiri, Dist Ratnagiri

Subject: 1st Consent to Operate (Part-II) for expansion under RED category.

Ref :

1. Environmental and CRZ Clearance granted by MoEF, Gol vide no. F.No.10-17/2006-IA.III dated 19.12.2013.
2. Amendment in Environmental and CRZ Clearance granted by MoEF, Gol vide no. F.No.10-17/2006-IA.III dated 30.03.2015.
3. Consent to Establish granted vide no. Format 1./BO/JD (APC)/EIC No. KP- 9168-12/CAC-7347 Date 31/08/2013.
4. Renewal of Consent to Operate (Part-I) granted vide Format1.0/BO/CAC-cell/EIC no.KP-17542-15/CR/CAC-3574 dated 14.03.2016 valid upto 30.09.2017.
5. Your application approved in 2nd CAC meeting of 2016-2017 held on 02.06.2016

Your application CR1508000090

Dated: 04.08.2015

For: 1st Consent to Operate (Part-II) for expansion.

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 1st consent to operate (Part-II) is granted for a period upto 30.09.2017.
2. The actual capital investment of the industry is Rs. 960.194 crs (Present investment is 843.484 Crs, Additional investment for expansion is 116.710 crs, Total: 960.194 crs, As per C.A. Certificate submitted by industry. Total Capital Investment of project is Rs. 5144.1 crs as per C to E)
3. The 1st Consent to Operate for expansion is granted inline of EC and CRZ Clearance granted vide reference no. (1 & 2) above for the handling, storage and transportation of various import and export cargoes. The details of cargoes to be handled are as follows:

Sr. No.	Name of the Cargo	Maximum quantity to be handled
1	Thermal Coal	3.5 Million Tons per annum
2	Fly Ash	0.5 Million Tons per annum
3	Fertilizers	0.5 Million Tons per annum
4	Bauxite	0.2 Million Tons per annum
5	Iron & steel	3 Million Tons per annum
6	Iron Ore	3 Million Tons per annum
7	Containers	3 (0.25 million TEU)
8	Cement and Clinker	0.5 Million Tons per annum

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	--	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.	--	--	--

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
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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	--	--	--	--	--	--

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- The applicant shall comply with the conditions stipulated in Environmental and CRZ Clearance granted by MoEF, Gol vide no. F.No.10-17/2006-IA.III dated 19.12.2013 and Amendment in Environmental and CRZ Clearance granted by MoEF, Gol vide no. F.No.10-17/2006-IA.III dated 30.03.2015.

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	Remarks
1	Rs. 38,40,652/-	021497	23.07.2015	Axis Bank	It includes 1 st consent to operate fees for expansion having C.I. of 116.71 crs. And consent fees for renewal of the consent to operate for the berth no. 1 & 2 for which Board has already granted consent valid upto 30.09.2017

Copy to:

- Regional Officer - Kolhapur and Sub-Regional Officer- Ratnagiri, MPCB, Ratnagiri: They are directed to ensure the compliance of the consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your consent application, you have provided the sewage treatment system with the design capacity of 20 CMD for the treatment of sewage quantity 20 CMD and same is noted in the consent to operate dated 14.03.2016.
- 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	100	mg/l.
(2)	BOD 3 days 27°C. Not to exceed	100	mg/l.

- C] The treated sewage shall be disposed on land for gardening purpose within the port area.
- 2) 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.
- 3) 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.
- 4) 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	--
2.	Domestic purpose	--
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

- 5) 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 installed the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

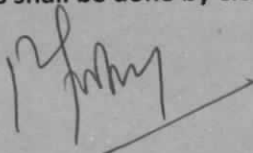
Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO2
1	--	--	--	--	--	--	--	--

* Above roof of the building in which it is installed.

2. 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 .
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3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
4. 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).
5. Dust collection system and automatic water sprinklers system shall be provided to coal handling plant and any other source of emission of particulate matter.
6. The applicant shall ensure that cargo/material handling activity shall be carried in an environmentally friendly manner, through experienced person who is well versed in taking precautionary measures, so as to avoid any sort of nuisance in the surrounding area.
7. The applicant should operate and maintain air pollution control system, so as to achieve the level of pollutants to achieve National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
8. The industry shall operate continuous ambient air quality monitoring station and measure SO₂, NO_x and particulate matter at own cost. This CAAQMS shall also have necessary provision of networking to the Air Quality Monitoring network of MPCB.
9. Transportation of coal & other ore minerals shall be done by closed system/Conveyor system.



Schedule-III

General Conditions:

- 1) 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.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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 30th June of every year.
- 6) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 7) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 8) 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).
- 9) 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.
- 10) 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.
- 11) The industry should not cause any nuisance in surrounding area.
- 12) 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.
- 13) The applicant shall maintain good housekeeping.
- 14) 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.
- 15) 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.
- 16) 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.
- 17) 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.
- 18) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 19) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

