

# MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent order No :- Format 1.0/BO/CAC-cell/EIC no.KP13989-13/C to R& O(part)/CAC- 4515  
Date- 12/05/2014

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: Renewal of Consent to Operate (phase-I) and 1<sup>st</sup> consent to operate (part of phase-II) RED category.

Ref :

1. Consent to Operate (phase-I) granted vide no. BO/RO(&P)/EIC no. KP-1936-09/O/CC-103 dated 5.3.2010.
2. Consent to Establish (phase-II) granted vide no. Format 1.0/BO/JD (APC)/EIC No. KP- 9168-12/CAC-7347 Date 31/08/2013.
3. Minutes of 2<sup>nd</sup> CAC meeting of 2014-2015 held on 28/04/2014

Your application CO1310000219  
Dated: 20/09/2013

For: Renewal of Consent to Operate (phase-I) and 1<sup>st</sup> consent to operate (part of phase-II) 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 31.3.2014 to 30.09.2015
2. The actual capital investment of the industry is Rs. 698.20 crs. (As per C.A. Certificate submitted by industry, total CI of project is Rs. 5144.1 crs as per C to E)
3. The Consent is valid for the handling of multiple cargos on two berth of 550 m length each as below -

Sr. No.	Name of the Cargo	Quantity to be handled on 2 berths
1	Thermal coal	8.5 Million Tons per annum
2	Fertiliser	1.0 Million Tons per annum
3	Raw Sugar	0.5 Million Tons per annum
4	Bauxite	1.0 Million Tons per annum
5	Lime stone	1.0 Million Tons per annum
6	Iron & Steel	1.0 Million Tons per annum
7	Iron ore	2.0 Million Tons per annum
8	Containers	3 (0.25 million TEU)
9	Cement & Clinker	0.5 Million Tons per annum
10	Molasses	1.0 Million Tons per annum
11	Chemicals	0.5 Million Tons per annum
12	Automobiles	1.0 million units
	<b>Total</b>	<b>20 Million Tons per annum</b>

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	20	As per Schedule -I	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.	Nil	NA	NA

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	-	-	---	-

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	18	KL/Ann um	-	Sale to Authorised recycler

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. PP shall not handle additional cargo qty and shall not operate remaining berth prior to obtaining C to O from the Board.

For and on behalf of the  
Maharashtra Pollution Control Board

(Rajeev Kumar Mital, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	1396524/-	018584	20/09/2013	Axis Bank Ltd.
2.	698262/-	019606	5/5/2014	Axis Bank Ltd.

Copy to:

- Regional Officer - Kolhapur and Sub-Regional Officer, Ratnagiri, MPCB, Ratnagiri. They are directed to ensure the compliance of the consent conditions and do the needful for release of BG of Rs. 25 lakh.
- 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.

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 27oC.	Not to exceed	100	mg/l.

C] The treated sewage shall be disposed on land for gardening purpose within the port area.

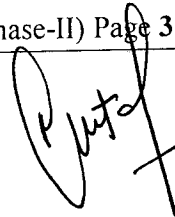
2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall 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	1900 (Sprinkling) 40 (firefighting)
2.	Domestic purpose	50
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

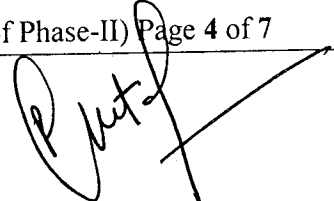
5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.



## Schedule-II

1. Dust collection system and automatic water sprinklers system shall be provided to coal handling plant.
2. There shall not be any fugitive emission from coal storage yard.
3. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.
4. The industry shall operate continuous ambient air quality monitoring station and measure SO<sub>2</sub>, NO<sub>x</sub> and particulate matter at own cost. This CAAQMS shall also have necessary provision of networking to the Air Quality Monitoring network of MPCB.

Maharashtra Pollution Control Board

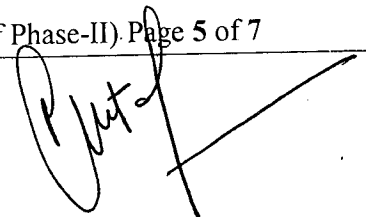


### Schedule-III

#### 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
<b>Forfeited</b>						
1	Operate	Rs. 10 lakh	15 days	Against the compliance of consent conditions	--	31/03/2014
<b>Proposed</b>						
1	Renewal	Rs. 20 lakh	15 days from date of issue consent	Towards compliance of consent conditions and O & M of pollution control system	Continuous	31/1/2016

The existing BG of Rs. 25 lakh valid upto 12.9.2014 shall be released.



## 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) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) 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.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008,
- 8) 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.
- 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 (in case of Renewal of 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](http://www.mpcb.gov.in)).
- 12) 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.
- 13) 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.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) 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.

- 16) The industry should not cause any nuisance in surrounding area.
- 17) 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.
- 18) The applicant shall maintain good housekeeping.
- 19) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31<sup>st</sup> March of the year and number of trees planted by September end, with the Environment Statement.
- 20) 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.
- 21) 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.
- 22) 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.
- 23) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 24) **The applicant shall comply with the conditions stipulated in Environmental and CRZ Clearance granted by MoEF vide F.no.10-17/2006-IA.III dtd.19.12.2013.**
- 25) Transportation of coal & other ore minerals shall be done by closed system, Conveyor system wherever possible.

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*(Signature)*