



ANDHRA PRADESH POLLUTION CONTROL BOARD

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada - 520010

CONSENT ORDER

Consent Order No : APPCB/KNL/KNL/124/HO/CFO/2019

Date: 14.02.2019

CONSENT is hereby granted for Operation under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof (hereinafter referred to as "as Acts") and the rules and order made thereunder to:

**M/s. JSW Cements Ltd,
(Captive Power Plant),
Sy.No.139A, 183 etc.,
Bilakalagudur & Bhujanar (V),
Gadivemula (M), Kurnool District.**

(hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

(i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal
1.	Boiler blowdown - 57.6 KLD, Cooling blowdown - 9.6 KLD, Service & AC ventilation - 16.8 KLD	84 KLD	After treatment the treated water shall be partly utilized for process cooling in cement plant and partly utilized for dust suppression.
2.	Domestic	4 KLD	After treatment in STP, the treated domestic waste water shall be used for onland for gardening in the premises.

ii) Emissions from chimneys:

Chimney No.	Description of Chimney
1.	Attached to Coal fired CFBC Boiler of capacity 80TPH

This consent order is valid for power generation of the following capacity only

S.No	Activity	Capacity
1.	Captive Power Plant	18 MW

This order is subject to the provisions of the Acts and orders made thereunder and further subject to the terms and conditions incorporated in the Schedule A and B enclosed to this order.

This consent shall be valid for a period ending with the **30.09.2022**.

CHAIRMAN

**To
M/s. JSW Cements Ltd,
(Captive Power Plant),
Sy.No.139A, 183 etc.,
Bilakalagudur & Bhujanar (V),
Gadivemula (M), Kurnool District**

Copy to :

1. The JCEE, Zonal Office, Kurnool for information.
2. The EE, Regional Office, Kurnool for information and necessary action.

SCHEDULE - A

1. Any up-set condition in any industrial plant / activity of the industry, which result in, increased effluent / emission discharge and/ or violation of standards stipulated in this order shall be informed to this Board, under intimation to the Collector and District Magistrate and take immediate action to bring down the discharge / emission below the limits.
2. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed as applicable.
3. The applicant should put up two sign boards (6x4 ft. each) at publicly visible places at the main gate indicating the products, effluent discharge standards, air emission standards, hazardous waste quantities and validity of CFO and exhibit the CFO order at a prominent place in the factory premises.
4. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers to review / revoke any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
5. The applicant shall file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry shall remit water cess as per the assessment orders as and when issued by Board.
6. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
7. The applicant should make applications through Online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts and detailed compliance of CFO conditions for obtaining Consent & HW Authorization of the Board. The industry should immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions. Any change in the management shall be informed to the Board. The person authorized should not let out the premises / lend / sell / transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
8. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to Appellate authority constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.

SCHEDULE - B

WATER POLLUTION:

1. The source of water supply is borewell. The following is the permitted water consumption for operation of Captive Power Plant:

S.No.	Purpose	Quantity
1.	Boiler Feed	57.6 KLD
2.	Cooling makeup	69.6 KLD
3.	Service /AC & Ventilation)	120 KLD
4.	Deaerator Vent loss	4.8 KLD
6.	Dust suppression & Plantation	43.0 KLD
6.	Domestic	5.0 KLD
	TOTAL	300.0 KLD

2. Separate flow meters shall be provided within one month for assessing the quantity of water used for the above purposes.
3. The industry shall comply the following effluent standards based on the disposal points permitted:

Outlet No.	Parameter	Limiting Standards
2	pH	5.5 - 9.0
	Suspended Solids	200 mg/l
	BOD	100 mg/l
	Oil and Grease	10 mg/l

AIR POLLUTION:

4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

Chimney No	Parameter	Emission Standards
1	Particulate Matter	50 mg/Nm ³

5. The industry shall provide online stack monitoring facility for the stack attached to Coal fired CFBC Boiler of capacity 80TPH within one month and the data generated shall be networked with APPCB and CPCB for web display.
6. The industry shall ensure regular maintenance and operation of the online stack emission monitoring system with tamper proof mechanism having facilities for online calibration. The applicant shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10µm) - 100 µg/ m³; PM2.5 (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry.
Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009.
Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A)

SOLID WASTE:

7. The industry shall dispose solid waste (NON HAZARDOUS) as follows:

S. No.	Name of the waste	Quantity of waste	Disposal Option
1.	Fly ash from the boiler (including bed ash)	175 TPD	Shall be reused in the process for cement manufacturing unit.

GENERAL:

8. The applicant shall not increase the power generation beyond the permitted capacity mentioned in this order, without obtaining CFO of the Board.
9. The industry shall not use pet coke as fuel in the Captive Power Plant under any circumstances.
10. The industry shall complete the construction of closed sheds of adequate capacity to store coal & other dusty raw materials under roof and shall provide MDSS to control fugitive dust emissions from transit storage of these raw materials within 2 months.
11. There shall not be any open storage of coal and other dusty raw materials in the premises.
12. The industry shall improve dust containment measures during unloading of dumpers near coal yard, lime stone stock pile & other raw materials.
13. The industry shall cover with tarpaulins for storage of excess coal in full shape. Meanwhile the industry shall provide water sprinkling system on both sides near coal yard and lime stone stock pile to avoid fugitive emissions.
14. The industry shall comply with standards and directions issued by CPCB/MoEF&CC as and when notifications are issued.
15. The industry shall comply with all the conditions stipulated in the existing CFO & HWA order dt.16.08.2016 and subsequent CFO & HWA Auto renewal order issued on 16.06.2017.
16. The industry shall comply with the Task Force directions issued to the industry on 14.06.2018
17. The industry shall develop and maintain green belt in an area of 33% of the total area and shall take proper measures for survival of the saplings planted.

The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule A & B of this Order on half yearly basis to Board Office, Vijayawada and concerned Regional Office.

CHAIRMAN

To
M/s. JSW Cements Ltd,
(Captive Power Plant),
Sy.No.139A, 183 etc.,
Bilakalagudur & Bhujanar (V),
Gadivemula (M),Kurnool District.