



ANDHRA PRADESH POLLUTION CONTROL BOARD  
PARYAVARAN BHAVAN, A-3, INDUSTRIAL ESTATE,  
SANATHNAGAR, HYDERABAD - 500 018.

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CONSENT ORDER  
BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE

Consent Order No : APPCB/KNL/KNL/CFO/HO/2011- 962

Date:04.07.2011.

Combined Consents and Authorization under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974, under section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorisation under Rule 5(4) of the Hazardous Wastes (Management, Handling and Transboundary movement) Rules, 2008 is hereby issued.

M/s. JSW Limestone mines, JSW Cement Ltd., Bilakalagudur(V), Gadivemula (M), Kurnool District. (hereinafter referred to as 'the Applicant') authorized to operate the industrial plant to discharge the effluents from the outlets and the Emissions from the chimneys as detailed below

This consent order is valid for the manufacture of quantities of each product as mentioned below only in mine lease 350.57 Ha to the following capacity only as per EC order dt. 21.04.2008 issued by MoEF, GOI.

S.No.	Product	Capacity
1	Lime Stone Mining	7.0 MTPA ( 23,333 TPD)

1. Water Pollution:

Outlet No.	Description of Outlet	Max Daily Discharge (KLD)	Method of Treatment and point of Disposal
1.	Domestic Effluents	1.0	Septic tank followed by soak pit.

This order is subject to the provisions of 'the Acts' and the Rules' and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A & B enclosed to this order.

This consent is valid for a period ending with the 29<sup>th</sup> day of February, 2012.

Sd/-  
MEMBER SECRETARY

To

M/s. JSW Limestone mines,  
JSW Cement Ltd., Bilakalagudur (V),  
Gadivemula (M),  
Kurnool District - 518508.

//T.C.F.B.O //

*P. Murali Swamy Reddy*  
JOINT CHIEF ENVIRONMENTAL ENGINEER (FAC) (CFO)

## SCHEDULE - A

- 1 The applicant should make applications for renewal of consent (under Water and Air Acts) **atleast 60 days before the date of expiry of this consent** , along with prescribed fee under Water and Air Acts for obtaining consent of the Board.
- 2 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 etc.
- 3 a) All the fugitive emissions should be controlled with proper measures.  
b)The applicant should also install the equipment such as wind speed recorder, wind direction recorder.
- 4 The applicant should not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and should not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 5 The applicant should not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production should be stopped.
- 6 Any up-set condition in any plant/plants of the industry, which result in increased effluent discharge and/ or violation of standards stipulated in this order **or** the emission of any Air Pollutant into the environment in excess of the standards laid down by the Board, occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge / emission occurs or is apprehended to occur should forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax / email under intimation to the Collector and District Magistrate.
- 7 In case of such episodal discharges / emissions mentioned in item 6 above, the industry should take immediate action to bring down the discharge / emission below the limits prescribed in this order.
- 8 A good house keeping should be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains should be leak proof. Floor washings should be admitted into the effluent collection system only and should not be allowed to find their way into storm drains or open areas.
9. a)The industry should carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in Schedule - B of this order at regular intervals.  
b)The industry should maintain following records to accessible to the Board, whenever required
  - 1 Analysis reports of waste water/ emissions.
  - 2 Log book for operation of pollution control systems.
  - 3 Inspection book
- 10 Separate power connection with energy meter should be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment should be maintained separately.
- 11 The applicant should comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant should be liable for such legal action against him as per provisions of the Law/Act in case if non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 12 The applicant should furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system/ air pollution control equipment and such other particulars as may be pertinent for preventing and controlling pollution.
- 13 The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
- 14 All the rules & regulations notified by Ministry of Environment and Forests, Government of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes should be followed.
- 15 All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 should be followed.
- 16 The applicant should exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
- 17 Not withstanding anything contained in this conditional letter or consent, the Board hereby reserves to it the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof and under Section 21 of the Air

- The industry should take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities prescribed below:

S.No	Purpose	Quantity in KLD
1.	Dust suppression, water spraying (Mine Pits)	600
2.	Gardening / Irrigation	5.0
3.	Domestic	2.0
<b>Total</b>		<b>607.0</b>

- The industry should 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 should remit Water Cess as per the assessment orders as and when issued by Board
- The industry should comply with the National ambient air quality standards as per MoEF, GOI notification dated. 18.11.2009 along the periphery of the industry premises as prescribed below.

S.No.	Parameters	Standards in $\mu\text{g}/\text{m}^3$
1.	Particulate Matter( $\text{PM}_{10}$ ) *	100
2.	Particulate Matter ( $\text{PM}_{2.5}$ )	60
3.	SO <sub>2</sub>	80
4.	NO <sub>x</sub>	80

**Noise Levels:** Day time (6 AM to 10 PM) - 75 dB (A)  
Night time (10 PM to 6 AM) - 70 dB (A).

- The industry should not produce beyond the permitted capacity as mentioned in this order, without obtaining prior CFE & CFO of the Board.
- The industry should provide automatic water sprinkler system all along the road from Mines to Lime stone crushers to minimize the dust emissions.
- The industry should provide control equipment at Primary & Secondary Crushers and at transfer points to control dust emissions.
- The industry should install separate energy and hour meters to air pollution control equipment and maintain records pertaining to operation and maintenance of the control equipment.
- The industry should provide concrete / asphalt of the roads from Mining to Lime Stone Crusher and to Plant to minimize the dust generation.
- The unit should transport the limestone from the crusher to the plant through conveyor belt
- The industry should obtain clearance from Central Ground Water Authority to draw ground water
- The Blasting operation should be carried out only during daytime. Controlled blasting should be practiced.
- All waste material should be accommodated within the Mining Lease Area.
- All mining products and rejects, irrespective of size and quality, should be hauled away from the mine.
- The industry has to construct Check dams, gully plugs and Desalting pits.
- The natural drainage of water should be maintained. Dump sites should not cross any streams, water flow from the Mining Lease Area, even during the monsoon, should be free of suspended matter and conform to prescribed water quality standards.
- Soil binding and nitrogen fixing plants should plant in the Mining Lease Area. Biological reclamation should be done in two phases, the first phase should be plant appropriate quick growing grass and shrubs and the second phase should grow slower growing native shrubs and trees
- Check dams and filter beds should be constructed to protect from stream runoffs.
- Vehicles should be well maintained and engine idling should be minimized. Vehicle cabs should be made dust-proof


- 19 Drills should be water-jacketed Local exhaust ventilation systems should be installed at dust generation points and the dust is led to a dust collection system.
- 20 Blasting should be sequential in such a manner as to achieve minimum vibration.
- 21 The industry should install Ambient Air Quality Monitoring Stations as per the conditions stipulated in the EC order
- 22 The industry should establish appropriate Rain Water Harvesting Structures on the available upstream portion of the plant site.
- 23 Thick green belt should be developed & maintained by the industry with tall growing trees in the vacant spaces of the unit.
- 24 The industry should maintain the compliance of conditions stipulated in EC order dt. 21 04 2008 issued by MoEF, GOI.
- 25 The industry should maintain the compliance of conditions stipulated in CFE order dt. 14 08 2008 issued by the Board.
- 26 The applicant should submit Environment statement in Form V before 30<sup>th</sup> September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.

**Sd/-**  
**MEMBER SECRETARY**

To

M/s. JSW Limestone mines,  
JSW Cement Ltd., Bilakalagudur,  
Gadivemula (M),  
Kurnool District - 518508.

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