

COMPLIANCE REPORT OF AUTO RENEWAL OF CONSENT FOR OPERATION AND AUTHORISATION ORDER NO: APPCB/KNL/KNL/193/HO/CFO/2015-1935 DATED.30.09.2017 UNDER SECTION 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT 1981 AND AUTHORISATION UNDER RULE 6 OF THE HAZARDOUS WASTES (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES 2016.

	Schedule- A	Remarks
1	The applicant shall make applications for renewal of consent (under water and air acts) and Authorization under HWM Rules at least 60 days before the date of expiry of this order, along with prescribed fee under water and air acts for obtaining consent & HW authorization of the board.	Complied.
2	The industry shall 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 the trade effluents & quantity of emissions etc.	No proposal for changes in raw materials used, process employed, quantity of emissions etc.,
3	a) All the fugitive emissions shall be controlled with proper measures. b) The applicant shall also install the equipment such as wind speed recorder, wind direction recorder	a) All fugitive emissions are within the limit. b) Wind speed recorder, wind direction recorder instrument is being provided. Rainfall recorder is available and monitoring.
4	The applicant shall not change or alter either the quality or quantity of the rate of the discharge or the route of discharge and shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.	There no change in quality and quantity of emissions at present. Whenever changes occur, we will apply to the Board for written permission.
5	The applicant shall, 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 shall be stopped.	Alternate DG power supply is available.

For Penna Cement Industries Limited


(P.V.KRISHNAIAH YADAV)
Senior General Manager (Works)

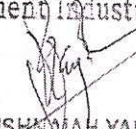
6	Any up-set condition in any plant/plants of the industry, which result in, increased effluent discharge and/of violation of standards stipulated in this order or the emission of any air pollutant into the environment in excess of the standards laid down by the board, occurs or is apprehended to occur 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 shall intimate the fact of such occurrence or the apprehension of such occurrence to this board, by fax/e-mail under intimation to the Collector and District Magistrate.	In excess of emissions will be intimated to the Board.
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.	No episodal discharge/emission.
8	A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.	Good house keeping is being maintained in around the factory.
9	<p>a) The industry shall carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in schedule-B of this order at regular intervals.</p> <p>b) The industry shall maintain following records to accessible to the Board, whenever required.</p> <ol style="list-style-type: none"> 1. Analysis reports of waste water / emissions. 2. Log book for operation of pollution control equipments. 3. Inspection book. 	<p>a) Stack emissions monitored and maintaining records as per board norms.</p> <p>b)</p> <ol style="list-style-type: none"> 1. Analysis reports of waste water & emissions: Maintained. 2. Log book maintained. 3. Inspection book available & maintained.
10	The applicant shall set up THREE Ambient Air Quality Monitoring Stations for continuous recording of critical parameters mentioned in Schedule – B as per the CPCB guidelines and submit monthly reports.	Being provided and submitting regularly.
11	Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.	Separate power connection with energy meters and records will maintained.
12	The applicant shall comply with the directives/orders issued by the Board in this order and at all subsequent times without any negligence on his part. The applicant shall 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.	Following the directives/orders issued by the Board consent order.

13	The applicant shall 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 /secured storage area of Hazardous Waste and such other particulars as may be pertinent for preventing and controlling pollution.	All the information will be furnished to the visiting officer and/or the Board.
14	The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate	No environmental damages and accept for any liabilities.
15	All the rules and regulations notified by Ministry of Environment and Forests, Govt of India in respect of management, handling, transportation and storage of Hazardous chemicals and wastes shall be followed.	All the rules and regulations are being followed.
16	All the rules and regulations notified by the Ministry of Law and Justice, Govt of India regarding Public Liability Insurance Act, 1991 shall be followed.	All the rules and regulations are being followed.
17	The occupier shall educate the workers and nearby public of possible accidents and remedial measures.	Workers and publics are being educated.
18	For any accident or spillage of hazardous wastes causing damage to the Environment, the occupier or the transporter as the case shall be held responsible.	For any problem caused by hazardous wastes, the occupier or the transporter are held responsible.
19	In case of closure of industry, the un-used/not consumed materials falling under the category of hazardous Chemicals and mentioned in Manufacturer, storage and import of Hazardous Chemical Rules,1989 and amendment Rules, 2003 shall be removed and sold to other units within 90 days from the date of closure to prevent any possibility of occurrence of an accident. In case the above hazardous chemicals have lost their properties originally acquired, then they shall be treated, as Hazardous Waste and they should be disposed off only to the agencies authorized by APPCB in a safe manner.	Followed.
20	The occupier shall prepare/update Emergency preparedness plan for safe handling of hazardous waste from time to time and submit the same to APPCB. Emergency preparedness plan must be implemented immediately whenever there is fire, explosion or release of hazardous waste of hazardous waste constituents, which could endanger to human health or environment.	Will be followed.
21	Packaging, labeling and transportation of Hazardous Wastes shall be in accordance with the provisions of the rules issued by the Central Govt. under the motor vehicles act, 1988 and other guidelines issued time to time. The packaging and labeling shall be based on the composition and hazardous constituent of the waste, however all hazardous waste containers should be provided with a general label.	Complied.

22	The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter shall carry a Transport Emergency (TREM) card (As given in the guidelines for management and handling of hazardous waste) duly filled by the Hazardous Waste generator.	Complied
23	Containers/container liners of Hazardous Chemicals and Hazardous Wastes should be thoroughly detoxified before selling to the agencies authorized by APPCB. Proper records, specific to each Hazardous Chemicals/Hazardous Waste Containers/Container Liners should be maintained in the following way. I Number of containers received II Date and method of detoxification III Name of agencies to whom containers were sold with quantities. IV Transportation particulars.	Will be maintained
24	No Hazardous Wastes shall be mixed with any other wastes or shall be discharged to a common, other internal, external sewerage or other drainage system without prior approval of APPCB.	Being followed
25	If HDPE bags are used for storing Hazardous Wastes, it should be ensured that they are perfectly sealed mechanically or double hot sealed. If MS/HDPE bags or drums are used for storing Hazardous Wastes, these drums/bags should be ensured that they are perfectly sealed.	HDPE bags are not being used for storing for hazardous waste. MS drums are inspected before storing hazardous wastes
26	The person authorized shall not rent, lend, sell, transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.	Complied
27	Any unauthorized change in personnel, equipment as working condition as mentioned in the application by the person authorized shall constitute a breach of his authorization.	Working conditions mentioned in application will be maintained and no unauthorized changes are implemented.
28	The industry shall comply with the provisions of Batteries (Management & Handling) Rules, 2001.	Complied
29	The industry shall put up two sign boards (6X4 ft. each) at publicly visible places at the main gate. The first sign board shall provide information on specific conditions of CFO and Hazardous Waste Authorization. The second sign board shall display online data on quantity and nature of Hazardous Chemicals being used in the plant, as well as water, air emissions and solid waste generated within the factory premises.	Displayed the board at main gate

30	The applicant shall exhibit the Consent & HW Authorization order of the board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.	Consent order has been framed and exhibited at entrance of factory gate.
31	Not withstanding anything contained in this conditional letter or consent, the Board hereby reserves the right and powers under Section 27(2) of the water (Prevention and control of Pollution) Act, 1974 and its amendments thereof and under Section 21 of the Air (Prevention and control of Pollution) Act, 1981 and its amendments thereof to review 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.	Accepted
32	The authorization issued under Hazardous Waste (Management and Handling) Rules, 1989 and its amendments thereof, shall comply with the provision of Environment (Protection) Act, 1986.	Complied with the provisions of Environment (Protection) Act, 1986.

For Penna Cement Industries Limited


 (P.V. KRISHNIAH YADAV)
 Senior General Manager (Works)

B. Special conditions				Remarks
1	The effluent discharged should not contain constituents in excess of the tolerance limits mentioned below.			Meeting the standards prescribed by the Board.
	Outlet No.	Parameter No.	Limiting Standards	
	2.	pH	5.5 - 9.0	
		Suspended Solids	200 mg/I	
		Oil and Grease	10 mg/I	
		BOD	100 mg/I	
2	The industry should take steps to reduce water consumption to the extent possible and consumption should NOT exceed the quantities mentioned below.			Complied
	Sl.No.	Purpose	Quantity in KLD	
	1.	Cooling	225 KLD	
	2.	Domestic	280 KLD	
		Total	505 KLD	
3	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 5 th of every calendar month, showing the quantity of the 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.			Complied
4	The emissions shall not contain constituents in excess of the prescribed limits mentioned below:			Meeting the Standards
	Cement plant (without co-processing)	Parameter	Emission Standards	
		Particulate Matter (PM)	30 mg/Nm3	
		SO ₂	100700 and 1000 when pyritic Sulphur in the limestone is less than 0.25%, 0.25 to 0.5% and more than 0.5% respectively.	
		NOx	(1) 800 for rotary kiln with In Line Calciner (ILC) technology (2) 1000 for rotary kiln using mixed stream of ILC, Separate Line Calciner (SLC) and suspension pre-heater technology or SLC technology alone or without Calciner.	
	<p>* Particulate matter from raw mill, kiln and pre-calciner system put together shall not exceed 0.125 Kg/tonne of clinker</p> <p>The industry shall comply with above revised standards as notified by the MoEF & CC, Govt of India in G.S.R. No.496 (E) dt.09.05.2016</p>			

For Penna Cement Industries Limited


(P.V. KRISHNAKRISHNA YADAV)
Senior General Manager (Works)

5	The Industry shall comply with the standards notified by MoEF&CC/CPCB from time to time	
6	The Industry shall submit the compliance report to the Board every six months i.e. on 1 st of January and 1 st of July on the conditions stipulated in the CFO order.	
7	The industry should comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under Environment (Protection) Amendment Rules, 2003 and G.S.R. 448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW should comply with emission limits as per the Notification G.S.R. 489 (E), dated 09.07.2002 at serial no. 96, under the Environment (Protection) Act, 1986.	Noted
8	The industry should comply with ambient air quality standards of PM ₁₀ -(Particulate Matter size less than 10µm) - 100µg/M ³ , PM _{2.5} (Particulate Matter size less than 2.5 µm) -60µg/M ³ ; SO ₂ - 80 µg/M ³ , NO _x - 80 µg/M ³ , 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)	Meeting the standards stipulated by the Board
9	The industry should not produce beyond the permitted capacity as mentioned in this order, without obtaining prior CFE & CFO of the Board.	Complied
10	The industry should ensure regular maintenance and operation of the on-line stack monitoring systems and CAAQM stations with tamper proof mechanism having facilities for online calibration.	Complied
11	The industry shall maintain interlocking system for air pollution control equipments provided with raw materials feeding system so that the feeding of raw materials would be stopped in case the air pollution control equipment fails.	Provided
12	Raw materials shall be stored under closed sheds.	Complied
13	The industry shall maintain 25% additional capacity of Bag filters and ESPs.	Complied
14	The industry shall ensure implementation of the requisite measures to prevent air pollution in the surrounding area.	Implemented
15	The industry shall provide adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments should be recycled back into the process. The compliance status should be reported to R.O. Kurnool.	Complied
16	The industry shall maintain and submit the records of daily operating hours of kiln, ESP and reasons for ESP tripping to R.O., Kurnool on monthly basis.	Will be submitted to the R.O. regularly.
17	The cement concrete roads in the plant area shall be properly maintained to prevent dust emissions.	Complied


18	The industry should maintain the records on the clinker production, utilized for cement production and stocks maintained at on site and should submit consolidated reports to the Regional Office of the Board.	Maintaining
19	The industry shall develop thick green belt should be developed and maintained by the industry with tall growing trees in the vacant spaces of the unit.	Developed Green Belt around 50.1%
20	The industry shall take proper measures for survival of the saplings planted.	Taken measures (Proved 20 KL water tank for water sprinkling.
21	The industry shall maintain RWH structure on the available up-stream portion of the plant site.	RWH constructed and maintaining
22	The industry shall maintain separate water meters with necessary pipeline for assessing the quantity of water used for each of the purposes mentioned below: A) Industrial cooling, boiler feed B) Domestic purposes C) Processing, whereby water gets polluted and pollutants are easily biodegradable. D) Processing, whereby water gets polluted and pollutants are not easily biodegradable.	Maintained
23	The applicant should submit Environmental statement in Form V before 30 th September every year as per Rule No. 14 of E(P) Rules, 1966 & amendments thereof.	Submitted
24.	The industry shall provide rain water harvesting structures on the available up-stream portion of the plant to recharge ground water.	Constructed RWH structure.

For Penna Cement Industries Limited

(P.V.KRISHNAIAH YADAV)
Senior General Manager (Works)

	Schedule – C	Remarks
1	The Industry shall take all precautionary measures to prevent odour nuisance and spillages while handling the hazardous wastes.	Complied
2	The industry shall provide dyke walls for storage tanks/areas to contain spillages.	Complied
3	The Industry should give top priority for waste minimization and cleaner production practices.	The industry is implementing new technology to minimize waste generation.
4	The industry should not store hazardous waste for more than 90 days as per the Hazardous Wastes (Management, Handling and Transboundary Movement Rules, 2008 and amendments thereof.	The hazardous waste will not be stored more than 90 days.
5	The industry should store Used/Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.	Complied.
6	The industry should not dispose waste oils to the traders and the same should be disposed to the authorized Reprocessors/Recyclers.	Waste oil will be disposed to the authorized reprocessors/Recyclers.
7	The industry should dispose Used Lead Acid Batteries to the manufacturers/dealers on buyback basis.	Used lead acid batteries will be disposed to the manufacturers/dealers on buyback basis.
8	The industry should take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.	Being implemented.
9	The industry should maintain 6 copy manifest system for transportation of waste generated and a copy should be submitted to Board Office and concerned Regional Office.	Complied.
10	The industry should maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorization	Good house keeping is being maintained.
11	The industry should maintain proper records for Hazardous Wastes stated in Authorisation in Form-3 i.e. quantity of incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rule 22(2) of the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments thereof.	Records being maintained.
12	The industry should dispose the e-waste to authorised recyclers / re-processors only.	e-waste will be disposed to the authorized recyclers.
13	The industry should submit the condition wise compliance report of the conditions stipulated in Schedule – B and Schedule – C of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.	Point-wise compliance report will be submitted to Board Office, Hyderabad and Regional office.

For Penna Cement Industries Limited


 (P.V. KRISHNAIAH YADAV)
 Senior General Manager (Works)