

RAJASHREE CEMENT, ADITYANAGAR, MALKHED – 585292
KSPCB combined consent order No.KSPCB/HP1/008/ULTRA-TECH/2011-12/
397 Date: 06.09.2011

Sl No	Particulars / Terms and Conditions	Status as on 26.09.2011	Remarks
	<ul style="list-style-type: none"> Consent is granted to “ The Executive President, M/s Ultra Tech Cement Ltd. (Unit :Rajashree Cement Works), Adityanagar (P.O), Malkhed Road - 585292, Sedam taluk, Gulbarga Dist” , authorizing him to operate the industrial plant at "284-289", 321-330,331-348 & 481”, Adityanagar, Malkhed Road, Gulbarga Dist." and to make discharge of effluents and emissions from the premises as mentioned above. 	Noted Please	
	<ul style="list-style-type: none"> Discharge of effluents under the Water Act. 		
	<ul style="list-style-type: none"> Sewage (Domestic) effluent of 800 KLD shall be treat the to the standards stipulated in Annexure-I and the treated sewage effluent shall be utilized for on land for green belt / horticulture The trade effluent of 1308 KLD shall be treated to the standards stipulated in Annexure –II. Trade effluent shall be reused in the cooling process and the excess quantity shall be used for green belt. 	800 KL / Day average is maintained. Trade effluent qty is within stipulated limit. Waste water is utilized at GCT, Cooling tower and dust suppression activity at plant and colony	STP capacity is 1000 m3/day Percent Sodium (Sl. No.11) to be mentioned 60 mg/l instead of 2 mg/l in Annexure-II.
	<ul style="list-style-type: none"> Discharge of air emission under the the Air Act from the following stacks etc. As per Annexure-III 	Air emissions are within the limits prescribed.	KSPCB may kindly change in Annexure-III i) Unit-II Cement Mill ESP replaced by DC (Sl.No 3) ii) Air lift Pyro & Kiln DCS of Kiln-I & II (Sl.No12,13,12,13) not in system. iii) Clinker hopper DC of Unit-II , Vol.flow rate 22,000 Nm3/hr instead of 6000 Nm3/hr (Sl.No.21) v) For improving Air Pollution Control, Kiln-II ESP being converted into Bag filter type dust collector.
	The consent is valid for the manufacture of		
	Clinker Cement Power Plant	4.7 MTPA 4.2 MTPA	Manufactured quantities are within the limits

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	a. Thermal Power 58.2 MW b. DG Set 11.60 MW				
	The consent is granted for the period from 01.07.2010 to 30.06.2011				
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"> 1. Size 2. Category 3. Consent fee paid 4. Capital investment </td> <td style="width: 50%;"> : Large : Red : Rs.2,00,000/-each : 1053.32 Crores as on 31.12.2010 </td> </tr> </table>	1. Size 2. Category 3. Consent fee paid 4. Capital investment	: Large : Red : Rs.2,00,000/-each : 1053.32 Crores as on 31.12.2010		
1. Size 2. Category 3. Consent fee paid 4. Capital investment	: Large : Red : Rs.2,00,000/-each : 1053.32 Crores as on 31.12.2010				
A	Treatment and disposal of effluents under the water act.				
I	Quantity of The Water Use	Monitored on monthly basis. Water consumption is within limits.			
1	The total water consumption shall not exceed 9321 KLD				
II	Treatment and disposal of trade and sewage effluent				
1	The discharge from the ETP / STP of the applicant shall pass through terminal manhole/ manholes where from the Board shall be free to collect samples at any time in accordance with the provisions of the Act or Rules made there under	Sampling point available at STP treated water tank.			
2	The applicant shall provide flow measuring devices at both inlet and outlet of STP / ETP along with separate energy meter for the STP / ETP and maintain logbooks for hourly recording for verification of inspecting officers.	Water meters are installed and daily readings are recorded.			
3	The Applicant shall not change or alter either the quality or the quantity or the rate of discharge or temperature or the route of discharge without the previous written permission of the Board.	Noted please. No change in water quality and quantity beyond stipulated limit.			
4	The Applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.	Noted and Complied please.			
5	All the treatment units shall be totally impervious.	Water treatment plant is totally impervious.			
6	The applicant shall ensure continuous and effective operation and maintenance of pollution control systems	Noted. Pollution Control Systems are monitored and maintained to run continuously.			
7	The applicant shall provide additional treated effluent / sewage holding tank of sufficient capacities to take care in	In addition to holding tanks of treated sewage at STP and TPP, TPP Pond			

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	emergencies to avoid any direct / indirect discharge out of the factory premises.	of 16000 m3 capacity is existing to take care in emergencies to avoid any direct / indirect discharge out of the factory premises.	
8	The applicant shall implement rain water harvesting measures for continuous recharge of groundwater in the area.	<ul style="list-style-type: none"> • Scope for recharge of ground water is limited since hard limestone rock is existing just 1-2 meters from surface. • At present, we are utilizing used mines pits for collection of rain water of 4-5 Lakh m3 / annum. The water collected is being used for plant, dust suppression, horticulture etc. • In addition we have constructed 2 tanks of 250 m3 and 200 m3 capacity to collect rain water from plant premises for storing in mines and utilization. 	
III	Self Monitoring and Reporting by the Industry		
1	The Applicant shall at his own cost get the treated trade effluent samples collected from the place specified in condition II(1) and analyze the same on a daily basis for the parameters indicated in Annexure I & II stipulated for the trade and sewage effluents respectively and report submitted to the Regional Office, once in a month along with the water used, the waste water generated, treated, discharged etc. in a compiled statement, with statistical analysis in a graphical format	Noted and complied. Regular monitoring of trade effluent by external approved laboratory on monthly basis. Results are communicated to KSPCB.	
2	Monthly extract of daily product manufactured as well as Effluent discharged sewage / trade shall be submitted to the Regional Officer regularly every month.	Monthly reports in stipulated format submitted every month.	
B	Water Cess		

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1	The applicant shall provide water meter at all the intake points as under section (5) of Water Cess Act and shall file the Water Cess returns regularly and also pay the Cess Assessed with the time stipulated.	Water meter reading and Cess returns are submitted within stipulated date on monthly basis. Cess is paid in time.	
C	Emissions		
I	Emissions		
1	The discharge of emissions from the premises of the Applicant shall pass through the stacks / chimneys mentioned in Annexure-III where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The stacks / chimneys heights shall be as per Annexure -III	Noted and complied please.	
2	The hourly rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the chimneys / stacks shall not exceed the limits laid down in Annexure-III	Noted and complied please.	
3	The applicant shall provide port holes for sampling the emissions, access platforms for carrying out Stack sampling, electrical points and all other necessary arrangements including ladder.	Noted and complied please.	
4	The applicant shall operate the Air pollution control equipment as specified in the Annexure-III continuously so as to ensure that the emission does not exceed the limits specified. The operation of the control equipment shall be synchronized with the operation of the emission source.	The APC equipments are running continuously in PLC and interlocked with main equipments.	
5	The Applicant shall maintain access platforms for carrying out stack sampling with electrical outlet points for sampling the emissions from port holes for the stacks of Sl. No.5, 6, 11 and 30, in Annexure -III, as per the guidelines.	Noted and complied please.	
6	All efforts shall be made to control fugitive emissions.	Noted for compliance please.	
II	Self monitoring and reporting		
1	The applicant shall at his own cost get the samples of emissions collected and get them analyzed once a month for the parameters	Noted and complied please.	

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	indicated in conditions No.C.I.2 from the sampling port holes provided as per condition No.C.I.3		
2	The applicant shall keep daily record of the readings of parameters Particulate, RSPM, SOx and NOx readings shall be computed once in a month and reported along with the manual monitoring results and the data shall be statistically analyzed, represented in graphical manner and reported to the Board Office and to the Regional Office once in a month.	Noted and complied please.	
3	The applicant shall carry out the ambient air quality monitoring and submits the report to the Regional Office of the Board. The AAQM stations shall be carried out in all the established stations as per the requirement under the National Ambient Air Quality Monitoring Standards stipulated in Environmental (Protection) Rules, 1986 . Monitoring shall include the parameter, suspended particulate matter, sulphur dioxide, Nitrogen Oxide. The industry shall furnish statistical analysis for annual average of pollutants at all the locations as per the New Ambient Air Quality Standards Notification once in a year.	Noted and complied please. Data submitted to the Board please.	
4	The applicant shall provide and maintain at his own cost a meteorological station to collect the data on wind velocity, directions, temperature, humidity, rainfall etc., and the daily reading shall be recorded and the extract be sent to the Board once in a year. The industry shall once in a year for all the seasons prepare wind- rose diagram and furnish the same to the Board Office and Regional Office.	Meteorological station data submitted to KSPCB every month.	
5	The Applicant shall establish continuous AAQ monitoring station at pre-dominant Wind- Direction immediately.	Permanent station for periodic readings established for continuous AAQ monitoring.	Online monitoring system for continuous AAQ monitoring is ordered. Target date is 31.12.11
D. 1	ENVIRONMENTAL STATEMENT The applicant shall submit the Environmental Statement every year for the period ending 31 st March in Form V of Rule	Noted for compliance please.	Submitted on 27.07.2011 for 2010-11

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	as per Rule 14 of Environment (Protection) Rule 1986 on or before 30 th September.		
E	HAZARDOUS WASTE (MANAGEMENT, HANDLING AND TRANSBOUNDARY MOVEMENT) RULES,2008	Note and complied please.	
a)	The applicant shall comply with the Hazardous Waste (Management, Handling and Transboundary movement) Rules,2008		
F	SOLID WASTE MANAGEMENT	Solid waste and scrap collected is disposed to parties for reuse. Spillage and other waste from process are recycled back into system for reuse.	
1	The solid waste collected in the Factory premises as sweepings wastage packaging, empty containers, Residue, sludge including those from air pollution control equipments shall be disposed off scientifically to the satisfaction of the Board so as not to cause fugitive emissions, dust problems or water pollution problems through leaching etc., of any kind		
G	NOISE POLLUTION CONTROL	Noted for compliance please.	
1	The applicant shall comply with the ambient noise standards stipulated under the EP rule 1986.		
2	The applicant shall provide acoustic measures to the DG Sets as per Sl.No.94 in Schedule -I of EP Rules.	Noted and complied please.	DG is standby equipment only.
H	SPECIFIC CONDITIONS :		
1.	The applicant shall explore the possibility of power generation by waste heat recovery system in the cement manufacturing processes and submit action taken report in this regard within 3 months	Waste heat recovery is not possible in existing plant.	Feasibility study made for power generation from exhaust waste gases in Cement Kilns.
2	Industry is liable to pay the balance consent fees if any.	Noted. Please	
3	The industry shall maintain records in respect of co-processing of incinerable hazardous wastes and submit every month to the Board.	Noted and complied please.	
4	The industry shall submit load based emission report considering all the emission parameters and all stacks every month.	Noted and complied please.	
I	GENERAL:		
1	The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.	Noted. Please.	

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2	This Consent for discharging sewage and / or Trade effluents from the factory shall not be taken or construed as the Board's permission to continue to discharge the sewage and / or Trade effluents from the factory into the place (as mentioned in this consent order) which pollutes the water there-in endangering the life and property of the persons using the said water before, during or after the periods indicated in the Terms and Conditions of this Consent Order.	Noted please.	No discharge from premises. Entire waste water is recycled for use in Gas conditioning tower, cooling tower, process dust suppression and horticulture purposes.
3	The applicant shall not change or alter either the quality or quantity or rate of emission or install / replace or alter the air pollution control equipment, change in raw material or manufacturing process resulting in change in quality and / or quantity of emissions without the prior permission of the Board	Noted for compliance please.	
4	The Industry shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge / emissions and (d) install / replace / alter the water or air pollution control equipments without the prior approval of the Board	Noted for compliance please	
5	The applicant shall promptly comply with all orders and instructions issued from time to time by the Board or any other officers of the Board duly authorized in this behalf.	Noted for compliance please	
6	The Applicant shall forthwith keep the Board informed of any accidental discharge of emissions / effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact	Noted for compliance please	
7	The applicant shall not store any raw materials / chemicals drums on naked ground.	Noted and complied please	
8	The applicant shall display flow diagram of the pollution control system at the site.	Noted for compliance please.	
9	The applicant shall appoint a qualified environmental engineer / scientist for environment management in the factory and also establish an environmental cell.	Environment cell with qualified persons existing.	
10	Applicant shall maintain the Environmental	EMS ISO 14001 certified	

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	Management System in conformity with ISO 14001 : 2004 Standards	company since 1998.	
11	The applicant shall comply with the guidelines under Corporate Responsibilities for Environment Protection 2003 issued by Ministry of Environmental Forests and CPCB	Complied please.	
12	The applicant shall continue the self monitoring system for monitoring the effluents and emissions.	Noted and complied please	
13	The applicant shall maintain register recording the ambient air quality, stack monitoring and analysis report of treated effluents. The register shall be open for inspection by the Board Officers at all time.	Noted and complied please.	
14	An inspection Book shall be opened and made available to the Board Officers during their visit to the factory.	Noted and complied please.	
15	The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments utilized by the applicant to maintain compliance with the terms and conditions of this consent.	Self generated power is available round the clock for PC equipments. KEB power and DG power available as stand by.	
16	The entire premises shall be always kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.	Noted and complied please.	
17	The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.	Noted. Consent order is available for inspecting officials.	Displayed at Time Office.
18	The applicant, his heirs, legal representatives or assigns shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the period of consent.	Noted please	
19	The Industry shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to Environment	Noted please.	
20	The applicant shall plant and maintain adequate number of trees in and around the industry to arrest the dust emissions escaping into the surrounding area and improve the environment and aesthetic	Adequate greenery is maintained at plant and colony.	10,000 – 15,000 saplings planted every year in Plant, Mines & Colony. Planted 17880 during

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	appearance of the industry and the surroundings.		2010-11
21	The applicant shall make an application for consent at least 120 days before expiry of this Consent	Noted for compliance please.	Application for 2011-12 submitted on 28.02.11
22	The applicant shall provide infrastructure to the vehicle personnel (Lorry drivers, Cleaners, etc) such as bath rooms & toilet facility. The waste water generated shall be treated & dispose off scientifically. Proposals along with the time bound programme for implementation shall be submitted within 15 days time.	Infrastructure available please.	Letter dt.15.09.2009 submitted in Bangalore office of the Board
23	Industry shall comply with all the consent conditions and furnish report within 30 days to the Regional Office.	Noted for compliance please.	Submitted within 30 days.
24	The industry shall submit proposal for co-processing of hazardous waste / Municipal solid waste. Further industry shall take up extensive Green belt development by planting minimum 50,000 saplings during this year.	Noted for compliance please. We are having infrastructure for co-processing of solid waste in Unit III Kiln. Tree plantation is done every year.	Hazardous waste co-processing for BASF, RBI ink sludge, Paint sludge as per authorization / permission.