

COMPLIANCE WITH EC CONDITIONS -STATUS REPORT - VGU

1. EC F.No. SEIAA/AP/IND/06/2016/122 dated 27th November 2018 & Corrigendum to E.C. issued on 03-05-2019
2. EC Amendment Order No. SEIAA/AP/VSP/IND/06/2016/122/158/78/153.100-829 Dt. 27.09.2021.

S.No	Condition Stipulated	Compliance Status
A	Special Conditions	
1	The transportation of raw material and finished product through Rail/Road	Noted.
2	The industry shall arrange for acoustic barriers and locate roll mills and ball mills within those barriers.	Acoustic barriers have been provided where ever required.
3	All the internal roads shall be paved CC or Bitumen roads , adequate closed silos for storage of Fly ash and clinker and covered shed for storage of gypsum shall be provided.	All the internal roads has been paved CC roads ,adequate closed silos have been provided for storage of Fly ash and clinker and covered shed has been provided for storage of gypsum. Related photographs have been attached as Annexure 1
4	The industry shall provide bag filters for cement grinding unit to meet SPM requirement of 30 mg/Nm ³ and at all transfer points.	Bag house is attached with cement mill(VRM - 370 TPH) to meet PM requirement of 30 mg/ Nm ³
5	The industry shall procure suitable road sweeping machine to maintain good housekeeping	A dedicated road sweeping machine has been provided to control fugitive emission in the Roads and to maintain good house keeping.
6	The industry shall install continuous ambient air quality monitoring station	We have installed 2 CAAQMS station and connected with APPCB& CPCB servers. Photos of instillation is attached as Annexure 2
7	The industry shall install online continuous stack monitoring for the cement mill grinding unit	We have installed PM CEMS at stack attached with Cement mill. And emission data is connected with APPCB& CPCB servers. Photos of Insllation is attached as Annexure 3
B	Specific conditions	
a)	Air Pollution	
1	The industry shall provide air pollution control equipments to control stack (Stack Height 2* 50 mtrs) and fugitive emissions to meet the standards notified by MoEF/CPCB/APPCB	We have installed Baghouse at cement mill and installed 34 Bagfilters at all transfer points and wherever required to control fugitive emission. List of Pollution control equipments installed is attached as Annexure 4
2	Sampling port with removable dummy of not less than 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc., shall be provided to monitor stack emissions	Sampling port with removable dummy with 15 cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint is provided to monitor stack emissions
3	Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA or by the state authorities. Monitoring of the ambient air quality and the stack emissions shall be carried out regularly in consultation with APPCB and report submitted to the Board and to the ministry's regional office at chennai half yearly	Ambient air quality and ambient noise levels and stack emission is being monitored by the MoEFCC/NABL approved lab. Monitoring reports of the recent monitoring is attached as Annexure 5
4	Raw materials and products shall be transported in covered racks. Storage of raw material shall be in roof sheds/silos. Water spray system shall be provided all around the stock piles and dust supression system around the conveyor system. All the conveyor belts shall be covered with GI sheets. All the roads in the plant area shall be asphalted / concreted and water sprayed to reduce the fugitive dust emissions.	Raw materials and products is transported in covered trucks. Raw material like Gypsum and Slag is stored under storage shed of capacity 12500 T. All conveyor belts are covered with GI sheets. All internal roads are concreted. Related photographs have been attached as Annexure 1

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5	In -plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials handlings etc., shall be provided. Further, specific measures like provision of adequate dust suppression & extraction system consisting of water sprinkling, suction hoods, fans and bag filters etc., shall be installed at material transfer points , and other raw material handling areas. Fugitive emissions shall be regularly monitored and records maintained.	We have installed Baghouse at cement mill and installed 34 Bagfilters at all transfer points and wherever required to control fugitive emission. List of Pollution control equipments installed is attached as Annexure 2
6	Interlocking facility should be provided in the pollution control equipment so that in the event of the pollution control equipment not working , the feeding of raw materials is stopped automatically	Interlocking facility is provided in the pollution control equipment so that in the event of the pollution control equipment not working , the feeding of raw materials is stopped automatically
b)	Water pollution	
1	The source of wate is bore well. Total water requirement is 450 KLD. Out of that 25.0 KLD is used for dust suppression, 3.4 KLD is used for cooling ; 110 KLD is used for development of green belt and 11 KLD is used for domestic purpose. The sanitary waste water of 8.8 KLD is to be disposed into septic tank followed by soak pit.	Approved water quantities are noted. We will not consume water more than the approved quantities. And sanitary waste water is treated at Sewage treatment plant of capacity 25 KLD. Treated water is used for green belt development.
2	The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water	Rainwater harvesting pond has been provided. Roof top rainwater harvesting structures will be provided wherever required to recharge Ground water.
c)	Solid Waste	
1	Dust generated from the Bag filters shall be completely recycled. Waste oils & used oils generated from the plant shall be disposed as per the Hazardous wastes (Management and Handling) transboundary rules and its amendments thereof to the recycles authorised by APPCB	Dust generated from the Bag filters is completely recycled. Waste oils & used oils generated from the plant will be disposed as per the Hazardous wastes (Management and Handling) transboundary rules and its amendments thereof to the recycles authorised by APPCB
B.	General conditions :	
1	This order is valid for a period of 7 years	Noted.
2	"Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity / Construction work at site	Consent for Establishment order Dt. Order No. 462/APPCB/CFE/RO-VSP/HO/2018 Dt.28/01/2019 and amendment order No. 462/APPCB/CFE/RO-VSP/HO/2018 19/06/2020. has been obtained from APPCB.
3	Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water , fuel for cooking , mobile toilets , mobile STP , medical health care , creche etc ., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and soil wastes generated during the construction phase should be ensured	Complied. Now plant is in operation stage.
4	No change in the process technology and scope of working should be made without prior approval of the SEIAA , AP no further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA , AP / MoE & F , GoI , New Delhi , as applicable	Noted.

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5	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the ministry of environment & Forests, its regional office, Chennai, SEIAA, AP., Zonal office of Central Pollution Control Board, Bangalore, District Collector and AP Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions including the results of monitored data on their websites and shall update the same periodically	Noted.
6	Four ambient air quality - monitoring stations should be established in the core zone as well as in the buffer zone for monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board	Four ambient air quality monitoring stations has been established. Monitoring is started.
7	Data on ambient air quality should be regularly submitted to the Ministry including its Regional office located at Chennai and the state PCB / CPCB once in 6 months	Noted.
8	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects	Adequate PPE have been provided to the workers working in dusty areas and training given to them. Awareness sign board also placed on safety and health aspects.
9	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures if needed.	Noted.
10	A separate environmental management cell with suitable qualified personal should be setup under the control of a senior executive, who will report directly to the head of the organization.	A dedicated EHS officer is available at plant site for environment Management who is reporting directly to the unit Head.
11	The funds earmarked for environmental protection measures (Cost of Rs. 10.0 Crores and recurring cost of 30.0 Lakhs per annum) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the ministry and its regional office located at Chennai.	Noted.
12	At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item wise details along with time bound action plan shall be prepared in accordance to the MoEF & CC's office memorandum No.F.No.22-65/2017-IA.III, dated 01.05.2018. and submit to the SEIAA, AP and ministry's regional office, Chennai.	Noted.
13	The Regional office of MOEF & CC located at Chennai/ The SEIAA, Andhra Pradesh through the Regional Offices of Andhra Pradesh Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the regional office by finishing the requisite data / information / monitoring reports	Noted.

S.No	Condition Stipulated	Compliance Status
14	The project proponent shall submit the copies of the Environmental clearance to the Heads of the local bodies ie., Panchayats / Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt	Copies of the Environment clearance is submitted at Panchayat / Municipal offices on 8th Dec 2018
15	The project activities should advertise at least in two local Newspapers widely circulated , one of which shall be in the vernacular language of the locality concerned , within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the state PCB and SEIAA , AP . This order shall displayed in the website of the project proponent	Advertisement given in the two local newspaper namely Andhra boomi (Telugu) & Deccan chronicle (English) on 12 Dec 2018. Newspaper cuttings attached as Annexure 6
16	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal , If preferred , within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act , 2010	Not applicable
17	The company shall undertake eco-development measures including community welfare measures in the project area	Noted.
18	The proponent shall obtain all other mandatory clearances from respective departments	Noted.
19	Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act , 1986	Noted.
20	The SEIAA may revoke or suspend the order , if implementation of any of the above conditions is not satisfactory. The SEIAA reverses the right to alter / modify the above conditions or stipulate any further condition in the interest of the environment protection	Noted.
21	The above conditions will be enforced inter -alia , under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 the Air (Prevention & Control of Pollution) Act , 1981 , The Environment (Protection) Act , 1986 and the Public Liability Insurance Act , 1991 along with their amendments and rules	Noted.