

भारत सरकार
GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE
CHANGE

Regional Office (South Eastern Zone),
1st & 2nd floor, HEPC Building, No.34, Cathedral Garden Road,
Nungambakkam, Chennai - 600034

F.No. EP/12.1/SEIAA/127/2014-15/AP/2016

21.12.2017

To,
Shri. D.L. Kantham,
Director – Technical,
M/s. Penna Cement Industries Limited,
Lakshmi Nivas-705, Sriniketan Colony,
Road No. 3, Banjara Hills,
Hyderabad – 500 034.
Telangana.

Subject: SEIAA, A.P. – M/s. Penna Cement Industries Ltd., 2.0 MTPA Cement Grinding Unit, Sy.No. 684, 687, 688, 689 & 690, Krishnapatnam Village, Muthukur Mandal, S.P.S.R. Nellore District – Environmental Clearance – Issued – Reg.

Reference: 1) Letter No: SEIAA/AP/NLR-164/2013-, Dated: 18-03-2016.
2) Your letter dated. 11.10.2017.

Sir/Madam,

With reference to 2nd cited above, please find enclosed herewith a certified copy of the compliance report. This has been approved by the Addl.PCCF(C) vide diary no.1866 dt. 21.12.2017.

Yours faithfully,

(Dr.C.Kaliyaperumal)
Director (S)

Encl: As above.

Certified copy of the compliance report

Subject: SEIAA, A.P. – M/s. Penna Cement Industries Ltd., 2.0 MTPA Cement Grinding Unit, Sy.No. 684, 687, 688, 689 & 690, Krishnapatnam Village, Muthukur Mandal, S.P.S.R. Nellore District – Environmental Clearance – Issued – Reg.

Reference: No: SEIAA/AP/NLR-164/2013-, Dated: 18-03-2016.

Present status of the project:

The civil construction works such as silo, clinker Tank, cement mill building, packing plant, gypsum storage shed are completed. Pipe conveyor and wagon tippler works are in progress. Overall 90% of civil works are completed.

The Mechanical works such as packing plant & gypsum yard shed erection works are completed. Clinker storage silo erection works are completed. Further cement mill & roller press are positioned. Bag filters and separators works are in progress. Overall 60 % of mechanical works are completed.

Electrical works such as cable laying and control panels erection works are in progress. Overall 40% of electrical works are completed. They are planning to commission the unit in March 2018.

Date of Monitoring: 23.10.2017.

A. Specific Conditions:

S.No.	Conditions	Compliance
i.	The Environmental Clearance (EC) issued vide order dt:13.01.2015 is cancelled	Refer below The Project Authorities (PA) noted this point.
ii.	Shall transport of 90% of raw material and finished product will be through Railways and water ways	Agreed to comply As stated by the PA the finished product, cement, will be transported through sea mode of transport and for this transportation, they have already purchased a vessel, which is being modified at China to suit to their requirement of loading/unloading of cement. After modifications, the vessel is expected to reach Indian Waters at Krishnapatnam Port by January 2018. Clinker, which is the major raw material, will be transported by wagons of Indian Railway from their cement plants which are located at Andhra Pradesh & Telangana States.

iii.	Shall comply with CRZ Regulations 2011 and amendments thereof.	Agreed to comply The PA has agreed to comply CRZ Regulations 2011 and amendments thereof.
iv.	The industry shall arrange for acoustic barriers and locate roll mills and ball mills within these barriers	Agreed to comply The PA has installed latest technology of Roller Mill & Ball Mill, which will have less than 75 dB of sound level and also agreed to monitor.
v.	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	Refer below All internal concrete road works are in progress and 80% of the works are completed including gypsum storage yard. Fly ash silo (closed) erection work is completed. Clinker storage Silo also totally covered and provided bag filters to control the emission levels in transfer points.
vi.	Shall provide bag filters for cement grinding unit to meet SPM requirement of 30mg/Nm ³ and at all transfer points	Refer below The PA has purchased bag filters and are under installation to control the dust emission to meet SPM requirement of 30mg/Nm ³ and at all transfer points.
vii.	Shall procure suitable road sweeping machine to maintain good house keeping	Agreed to comply The PA has agreed to procure suitable road sweeping machine to maintain good housekeeping. Now water sprinkling is carried out to control the dust.
viii.	Shall install continuous ambient air quality monitoring station in Gopalapuram village	Agreed to comply The PA has agreed to install the ambient air quality station once the plant is commissioned.
ix.	Shall install online continuous stack monitoring for the cement mill grinding unit	Agreed to comply The PA has agreed to install online continuous stack monitoring equipment after commissioning the plant.

B. Specific Conditions:

a) Air Pollution:

S.No.	Conditions	Compliance
i.	The industry shall provide air pollution control equipments to control stack and fugitive emissions to meet the standards notified by MoEF/CPCB/APPCB.	Agreed to comply The PA has purchased bag filters to control stack emission as well as fugitive emission.
ii.	Sampling Port with removable dummy of not less than 15 cm diameter in the	Complied The PA has provided sampling port

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	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	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., to monitor stack emission.
iii.	Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA or by the State Authorities. Monitoring of ambient air quality and 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	Agreed to comply The PA has agreed to carry out monitoring of Ambient air quality and Noise levels regularly & submit reports to MoEF, RO and APPCB.
iv.	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 stockpiles and dust suppression system around the conveyor system. All the conveyor belts shall be covered with G.I. sheets. All the roads in the plant area shall be asphalted/concreted and water sprayed to reduce the dust emissions.	Refer below They have provided covered closed sheds for gypsum storage. They have also constructed the closed silos for storage of clinker and fly ash. All conveyor belts are covered with GI sheets and bag filters are under installation. In all transfer points also they are planning to install bag filters to control fugitive emission.
v.	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.	Agreed to comply The PA has agreed to provide in-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials handlings etc., Further, specific measures like provision of adequate dust suppression & extraction system consisting of water sprinkling, suction hoods, fans and bag filters etc. are also planning to provide including at material transfer points and other raw material handling areas. Agreed to monitor fugitive emissions and maintained records.
vi.	Inter locking facility shall 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.	Agreed to comply The PA has agreed to provide inter locking system to trip the plant in case of any failure of Pollution Control equipment.

b) Water Pollution:

S.No.	Conditions	Compliance
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Agreed

i	The source of water is port well. Total water requirement is 80 KLD for dust suppression, development of green belt and domestic purpose. Waste water generated from the domestic section is 8.0 KLD and it is to be disposed into septic tank followed by soak pit.	Agreed to comply The source of water is port well. Total water requirement is 80 KLD for dust suppression, development of green belt and domestic purpose. Waste water generated from the domestic section is 8.0 KLD and it will be disposed into septic tank followed by soak pit.
ii	The Company must harvest the rain water from the roof tops and storm water drains to recharge the ground water	Agreed to comply The PA has agreed to provide rain water harvesting arrangements.

c) Solid Waste:

S.No.	Conditions	Compliance
i.	Dust generated from the Bag glitters 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 recyclers authorised by APPCB	Agreed to comply. The PA has agreed to recycle reuse the dust generated from the bag filters. Also agreed to collect the waste oil, store and dispose to authorised recyclers as per the Hazardous wastes (Management and Handling) transboundary rules and its amendments thereof to the recyclers authorised by APPCB.

B. General Conditions:

S.No.	Conditions	Compliance
i.	This order is valid for a period of 7 years	Agreed to comply
ii.	"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	Complied The PA informed that consent for establishment from Andhra Pradesh Pollution Control Board under Air and Water Act was obtained before the start of any activity/construction work at site.
iii.	Provision shall be made for the housing of the construction labour with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured	Complied The PA has provided housing for the construction labourer with all necessary infrastructure and facilities such as safe drinking water (RO water), fuel for cooking, mobile toilets and medical health care, etc. The housing are in the form of temporary structures and agreed to remove after the completion of the project. The safe disposal of waste water and solid wastes generated during the construction phase are ensured.
iv.	No change in the process technology and scope of working should be made	Refer below There is no change in the process

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	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	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., to monitor stack emission.
iii.	Ambient air quality including ambient noise levels must not exceed the standards stipulated under EPA or by the State Authorities. Monitoring of ambient air quality and 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	Agreed to comply The PA has agreed to carry out monitoring of Ambient air quality and Noise levels regularly & submit reports to MoEF, RO and APPCB.
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vi.	Inter locking facility shall 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.	Agreed to comply The PA has agreed to provide inter locking system to trip the plant in case of any failure of Pollution Control equipment.

b) Water Pollution:

S.No.	Conditions	Compliance
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Agreed

i	The source of water is port well. Total water requirement is 80 KLD for dust suppression, development of green belt and domestic purpose. Waste water generated from the domestic section is 8.0 KLD and it is to be disposed into septic tank followed by soak pit.	Agreed to comply The source of water is port well. Total water requirement is 80 KLD for dust suppression, development of green belt and domestic purpose. Waste water generated from the domestic section is 8.0 KLD and it will be disposed into septic tank followed by soak pit.
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i.	This order is valid for a period of 7 years	Agreed to comply
ii.	"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	Complied The PA informed that consent for establishment from Andhra Pradesh Pollution Control Board under Air and Water Act was obtained before the start of any activity/construction work at site.
iii.	Provision shall be made for the housing of the construction labour with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured	Complied The PA has provided housing for the construction labourer with all necessary infrastructure and facilities such as safe drinking water (RO water), fuel for cooking, mobile toilets and medical health care, etc. The housing are in the form of temporary structures and agreed to remove after the completion of the project. The safe disposal of waste water and solid wastes generated during the construction phase are ensured.
iv.	No change in the process technology and scope of working should be made	Refer below There is no change in the process

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	without prior approval of the 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	technology and scope of working should be made without prior approval. Now they are going for expansion by Setting up one more line of 2.0 MTPA. i.e., Expansion of Cement Grinding unit from 2.0 MTPA to 4.0 MTPA.
v.	The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, regional office of MoE&F, GoI, Chennai on 1 st June and 1 st December of each calendar year.	Agreed to comply The PA has not submitted half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the MoEF, RO and agreed to submit in future.
vi.	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.	Agreed to comply The PA has agreed to select AAQ monitoring station in consultation with PCB and monitor the same after commissioning the project.
vii.	Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/Central Pollution Control Board once in six months.	Agreed to comply The PA has agreed to submit the monitor data regularly to MoEF, RO.
viii.	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	Complied The PA has provided personnel protective equipment to all employees / workers now and also agreed to provide the same during operation also.
ix.	Occupational health surveillance (OHS) programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Agreed to comply The PA has agreed to conduct OHS for all the workers and maintain records.
x.	A separate environmental management cell (EMC) with suitable qualified personnel should be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.	Agreed to comply The PA has agreed to set up a separate EMC after commissioning the project.
xi.	The funds earmarked for environmental protection measures	Agreed to comply The PA informed that the amount

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	(Capital cost & Recurring cost of Rs.2.5 Crores/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.	earmarked for environmental protection measures (Capital cost & Recurring cost of Rs.2.5 Crores/annum) will not be diverted for any other purpose. Year wise expenditure has not been reported to the Ministry and its Regional Office located at Chennai and agreed to report.
xii.	The Regional Office MOE&F located at Chennai monitor compliance of the stipulated conditions. The project authorities should extend full co-operation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Complied The PA has extended full cooperation during the visit to the undersigned.
xiii.	The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies i.e. 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.	Complied The PA informed that copies to the EC were submitted to Local Panchayat.
xiv.	The project authorities should adverse 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 Pollution Control Board and SEIAA, A.P. This order shall be displayed in the website of the project proponent.	Refer below Though the PA informed that an advertisements were given in two local newspapers, copies of the same were not produced during the visit.
xv.	Any appeal against this Environmental Clearance shall be 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.	Refer below The PA informed that no appeal against this EC was made.
xvi.	The Company shall undertake eco-development measures including community welfare measures in the project area.	Agreed to comply The PA has agreed to contribute to the existing CVR Foundation in the Krishnapatnam Port Area.
xvii.	The proponent shall obtain all other mandatory clearances from respective departments.	Complied The PA informed that all the other mandatory clearances from respective departments were obtained.

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xviii.	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.	Agreed to comply
xix.	The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed to comply
xx.	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Agreed to comply

This has the approval of the Addl.PCCF(C) vide diary no. 1866 dt: 21.12.2017.


Dr.C.Kaliyaperumal
Director(S)