

**SIX MONTHLY COMPLIANCE
REPORT DECEMBER -2020**

for

**Fertilizer Plant
at
Village Gavad, Tehsil Balasmand,
Distt Hisar, Haryana**

Submitted by:

**M/s Kisan Phosphates Private Limited,
Village Gawad, District Hisar (Haryana)**

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1. Compliance Report

Point wise Compliances to the conditions of EC issued by SEIAA, Haryana vide letter No. SEIAA/HR/2014/911 dated 11.07.2014		
S. No.	Conditions	Compliance Status
Part (A) Specific Conditions		
1.	"The environmental clearance is issued subject to land use verification. Local authority/planning authority should ensure this. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.	Noted.
2.	"Consent for Establish" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any Construction work at site.	Consent to Establish is obtained from Haryana State Pollution Control Board under Air and Water Act before the start of construction and copy of the same was submitted earlier. The copy of CTE & CTO both are also enclosed as Annexure I.

3.	Stack Emission should be treated as per Standard laid down by Haryana State Pollution Control Board.	Stack Emission is treated by using multi stage wet scrubbers and the results are well within the prescribed limits by CPCB. The details reports are enclosed as Annexure II.
4.	No Land Development / Construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance and from respective authorities.	The plant was constructed after obtaining the CTE from the state pollution control board. Details are enclosed as Annexure III.
5.	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	We have not acquired any further land for expansion.
6.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, Medical Health Care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.	These all facilities were developed during the construction phase; no such facility is required now.

7.	For controlling Fugitive natural dust regular sprinkling of water and windshields at appropriate distances in vulnerable areas of the plant shall be ensured.	For dust controlling all dust generating areas are covered and regular sprinkling of water is done regularly.
8.	The process emissions and particulate matter from various units shall conform to the standard prescribed by the concerned authorities from time to time. At no time, the emission level shall go beyond the stipulated standard. In the event of failure of pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	For the process emission control we have installed state-of-art pollution control equipments i.e. Multistage Wet Scrubbers, Cyclone, Ventury Scrubber etc. These equipments are continuously operated during the plant production. No such Failure is reported till date if any such failure will happen we will shut down the plant production until the APCM get repaired and become operative.
9.	Fugitive emissions in the work zone Environment, product and raw material Storage Area shall be regularly monitored and shall conform to the limits imposed by HSPCB.	The monitoring of work environment and storage material Storage Area is conducted. The detail report is enclosed as Annexure IV.
10.	During transfer of material, spillage shall be avoided and garland drain be constructed to avoid mixing of accidental spillage with domestic waste and storm drain.	A proper arrangement is made for avoiding the spillage of raw material and it's mixing with domestic waste and storm drain.

11.	For control of process emissions, Stacks of proper height as per the CPCB guidelines shall be provided the scrubbed water shall be sent to ETP for further treatment.	All the Stacks are as per the CPCB norms and the scrubbed water contains only dissolved raw material so the same is reused in the process.
12.	A detailed scheme for rainwater harvesting prepared and implemented to recharge groundwater.	The rainwater harvesting system is already in place and photograph of same are enclosed as Annexure V.
13.	Periodic Monitoring of groundwater cell be undertaken and results analyzed to ascertain any change in the quality of water. Result shall be regularly submitted to the HSPCB/SEIAA.	The groundwater is monitored near the plant. The quality of groundwater is analyzed and found no change the results of same are enclosed as Annexure VI.
14.	The project proponent cell treat the wastewater up to the industry specific standards as notified in EPA or as laid down by the HSPCB which ever are stringent.	No waste water is generated from the industry only domestic sewage is generated which is treated in the sewage treatment plant as per for standard of at HSPCB.
15.	Leq of noise level shall be maintained as per standard. For people working in the high noise area requisite personal protective equipment like ear plug etc shall be provided	The noise level is well within the prescribed limit in high noise area, ear plugs are provided. The monitoring reports are enclosed as Annexure VII.
16.	The overall noise level in and around the plant are shall be kept well within the standard (85 dBA) by providing noise control	a) Incremental pollution load on the noise quality are being closely monitored. Emissions are within the permissible limits.

	<p>measures including acoustic hoods, silencer and enclosures etc on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under Environment (protection) Act 1986 rules, 1989 viz.75 dBA (daytime) and 70 dBA (night time).</p>	<p>b) Environmental monitoring Reports attached as Annexure-VIII.</p>
17.	<p>Green Belt shall be developed and maintained around the plant Periphery, Green Belt development shall be carried out considering the guidelines including selection of plant species and in consultation with the local DFO.</p>	<p>Green Belt is already developed but due to harsh environmental conditions the survival rate of plants is very poor. Further we are in process of planting new saplings for strengthening the existing green belt.</p>
18.	<p>Adequate safety measures shall be provided to limit the risk zone within the plant boundary; in case of an accident leak detection devices shall also be installed at strategic places for early detection and warning.</p>	<p>The Leakage detection systems for early detection and warning; has been installed.</p>
19.	<p>Occupational health surveillance of the workers can be done on a regular basis and record maintained as per Factory Act.</p>	<p>Occupational Health Survey System is done by certified medical practitioner on regular basis.</p>

20.	The company shall make arrangement for protection of possible fire hazards during manufacturing process in material handling.	Applicable safety norms will be followed & implemented.
21.	The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules 2003. Authorization from the HSPCB obtained for collection/ treatment/ storage and disposal of hazardous waste.	Hazardous waste as used service oil is being handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. The Authorization from the HSPCB is obtained.
22.	<p>The company shall undertake following waste minimization measure:</p> <ul style="list-style-type: none"> • Meeting of quantities of active ingredient to minimize waste. • Reuse of buy products from the process as raw material or as raw materials in other processes. • Maximizing recoveries. • Automated material transfer system to minimize spillage. • Use of closed feed system 	We have adopted the policy of Reducing, Reuse & Recycling of waste. The Solid Waste produced is recycled in production process as a raw material.

	into batch reactors.	
23.	Regular mock drills for the onsite emergency plan and management plan shall be carried, implementation of changes/improvements required if any in the on-site management plan shall be ensured.	Mock Drills are being conducted in plant with periodicity of yearly basis and onsite emergency management plan is available.
24.	The project proponent shall setup STP if the sewer generation exceeds 5 KLD.	A Sewage Treatment Plant of 5 KLD is installed in Plant. Details are enclosed as Annexure IX .

S. No.	Conditions	Compliance Status
Part (B) General Conditions		
I.	A separate environment management cell with qualified staff shall be set up for implementation of stipulated environmental safeguards.	An EHS Committee is already constituted under the chairmanship of Plant Head; for managing Environment, Health and Safety issues.
II.	Separate fund shall be allocated for implementation of environmental protection measures/ EMP along with item wise breakup. These costs shall be included as a part of project cost. The funds embarked for the environmental protection measures shall not be diverted for	During the project phase special allocation was made for Environmental Protection Measures and Equipment like Wet Scrubber, Venturi Cyclone, Bag House, Sewage treatment Plant etc. Further we are annually also allocating budget for Environment and sustainability.

	other purposes and year wise expenditure reported to HSPCB and this department	
III.	The project management shall advertise at least in two local newspapers which circulated in the region around the project. One of which shall be in the Maharashtra language of the local concerned within 7 days of issue of the letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the HSPCB/SEIAA.	Compliance was done in during startup of project.
IV.	Project management should submit half yearly compliance report in respect of the stipulated prior environmental clearance terms and condition in hard and soft copies in the SEIAA/RO, MOEF GOI/HSPCB on 1st June and 1st December of each calendar year.	The Half yearly compliance reports are submitted regularly to concerned authorities.
V.	Clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestion/ representations. If any were received while processing	No such NGO or Municipal Corporation was involved.

	the proposal the clearance letters shall also be put up the website of company by proponent.	
VI.	<p>The proponents shall upload the status of compliance of stipulated EC conditions including results monitored on their website and shall update the same periodically. The project proponent and set up continuous online AAQ monitoring system (supervisory control and data acquisition) in the project area to monitor the parameter viz PM2.5, PM10, NOx , SOx and CO. The project proponent shall ensure that the values of this parameter are within the prescribed limit of CPCB/HSPCB.</p>	<p>The monitoring results are always submitted with EC Compliance Report and also uploaded on company website. Further Ambient Air Quality is monitored yearly basis. All the results are well within limits. The monitoring reports are enclosed as Annexure X.</p>
VII.	<p>The environmental statement for each financial year ending 31st March, in inform in form 5 as is mandated to be submitted by the project proponent to the concerned state as amended subsequently, shall also be put up on the website company along with the status of compliance of EC conditions and shall also be sent to the respective regional offices of MOEF by Email.</p>	<p>The environmental statement is submitted regularly to HSPCB.</p>

VIII.	The environmental clearance is being issued without prejudice to the court case pending in the court of law and it does not mean that project proponent has not violated any environmental law in the past and whatever reason of the Honorable Court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in case filed against him.	Noted.
IX.	The SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reasons.	Noted.
X.	The environment clearance accorded shall be valid for a period of five years to start of production operation by the industry.	Noted.
XI.	No further expansion or modification in the plant shall be carried out without prior approval of SEIAA. In case of any deviation or alteration in the project proposed from those submitted to the department for clearance, A fresh reference should be made to	Noted.

	the department to access the adequacy of the conditions imposed and to incorporate additional environmental protection major required, if any.	
XII.	Above stipulation would be enforced among other under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environmental (Protection) Act, 1986 and the rules there under, Hazardous Waste (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.	All these rules are fully complied.
XIII.	Any appeal against environmental clearance shall lie with the National Green Tribunal, Van Vigyan Bhavan, Sec-5, RK Puram, New Delhi -110022, if preferred, within 60 days as prescribed under Section 35 of National Green Tribunal Act, 2010.	Noted.