



CHAMBAL FERTILISERS AND CHEMICALS LIMITED

SM-EQC/1C /030/
April 28, 2020

Director,
The Ministry of Environment and Forests,
Regional Office (Central Region)
5th Floor, Kendriya Bhawan
Sector-H, Aliganj,
Lucknow-226024

**Subject : Six monthly Compliance Report of Chambal Fertilizers And Chemicals Limited
(Single Super Phosphate Plant)**

**Reference : Env't. Clearance No. F1 (4) / SEIAA / SEAC (Raj) / Sectt / Project / Cat. 5 (a) B1
(327) 10-11 Dated 09.Sep. 2011**

Dear Sir,

We are enclosing here with SSP Plant Six monthly Compliance Report for the period from Oct 2019 to March 2020. We are also sending the compliance report in soft by e-mail.

Please note that our SSP Plant is under shut down since September 1, 2017.

Hope you will find the above in order.

Thanking you,

Yours sincerely,
For CHAMBAL FERTILISERS AND CHEMICALS LTD.


P.C. Srinivasan
General Manager- Technical

Encl: As above

C.C.: SM-EQC /1C/030/
The Regional Officer,
Rajasthan Pollution Control Board,
Plot No. Special 2A, Road No. 6, Paryavaran Marg,
Indraprasth Industrial Area,
KOTA-324005

Environment Clearance [No. F1 (4) / SEIAA / SEAC-Raj / Sectt / Project / Cat.5 (a) B1 (327) 10-11], for CFCL Gadepan Single Super Phosphate (SSP) Plant.

Six monthly compliance reports for Oct 2019 to March 2020

i.	The Production capacity of industry shall be limited to production of Single Super Phosphate (SSP) 800 TPD and Granular Single Super Phosphate (GSSP) 800 TPD.	: Noted and being complied with.
ii.	The PP shall ensure the implementation of the commitments in respect of addressing Environmental and Social issues. The PP shall insure providing 33% area of the total plant area under green cover.	: Complied with. CFCL has taken various social welfare schemes under CSR to address various issues of nearby communities around CFCL complex. Refer Annexure - A for CSR report. CFCL has already carried out extensive green belt development and complying with 33% green belt requirement
iii.	As committed the PP shall earmark and spend an amount of the of Rs. 134 lacs towards initial capital cost and Rs. 18 lacs as annual recurring cost for various activities under Environmental Management Plan for the proposed expansion of capacity.	: Complied with. Required capital & recurring investment already made.
iv.	After the proposed expansion, the total water consumption shall be limited to 400 KLD. The source of the water supply shall be out of total 20 cusec permission already available for withdrawal from Kali Sindh River.	: Complied with. Water consumption is well within the specified limit of 400 KLD. The source of water supply is within the total limit of 20cusec for CFCL as drawn from Kalisindh River.
v.	Before withdrawing ground water from bore wells, if any, prior approval from the Central Ground Water Authority shall be obtained.	: Noted and being complied with. CFCL is utilizing only Kalisindh river water.
vi.	The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Rules 1986 and its subsequent amendments.	: Complied with. Stack emissions and ambient air quality remains well within prescribed standard, <u>Our SSP Plant is under shut down since September 1, 2017. We shall submit the analysis report of Stack emissions when the SSP Plant is re-started.</u>
vii.	The height of the stack for disbursement of the process emissions shall not be less than 30.00 Meters. From ground level.	: Complied With. Height of stacks are as below: Ball mill stack: 40m SSP scrubber stack: 40m GSSP stack: 40m
viii.	The PP shall install online fluoride monitoring instrument and maintain a regular record there off.	: Complied With. On line monitoring instrument for HF is in place. Records are being maintained, Our SSP Plant is under shut down since September 1, 2017. We shall submit the monitoring data from on line HF analyzer when the SSP Plant is re-started.

ix.	The PP shall obtain the approval from the concerned SE of V.V.N.L. for the draw/distribution scheme of electricity.	: Complied With. Approval has been obtained from JVVNL
x.	The PP shall operate its unit with prior consent to Establish and Consent to Operate under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.	: Complied With. CTE has been received vide RPCB order No.2011-2012/PLG/844 dated 21.11.2011 CTO Application for renewal is submitted on 23.04.2018
xi.	The particulate matter and gaseous emissions (Sox, NOx, CO, CO2, etc.) from various processes/units/storages shall conform to the standards prescribed by the State Pollution Control Board / Central Pollution Control Board or under the Environment (Protection) Rules 1986 from time to time.	: Complied With. Emissions from various processes are strictly conforming to the standards prescribed by RPCB/EPA Rules.
xii.	At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.	: Noted and Complied With. All the pollution control measures are kept healthy by routine maintenance to avoid any deviations, emissions are well within limits. Required interlocking is in place to stop the production incase of failure of pollution control devices, and are not restarted until the control measures are rectified to achieve the desired efficiency.
xiii.	Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of PM10 & PM2.5, Sox, NOx, CO, CO2, and F (Total) are anticipated in consultation with Rajasthan State Pollution Control Board.	: Complied With. 05 Nos of Ambient Air Quality Monitoring Station are already functional on the periphery of the campus. All the parameters as prescribed (condition no. XI & XIII) are being monitored and data submitted to RPCB on Quarterly basis. Please refer Annexure-I for monitoring data
xiv.	The project proponent shall carry out regular monitoring of air emissions of HF, F etc. (at source, work environment and ambient air) and assessment of performance of Air pollution control arrangements.	: Noted and Complied With All the parameters (Fluoride as F and PM) are being monitored (at source, work environment and ambient air) regularly and data submitted to RPCB on Quarterly basis. <u>Our SSP Plant is under shut down since September 1, 2017.</u> <u>We shall submit the analysis report when the SSP Plant is re-started.</u>
xv.	Portholes and sampling facilities shall be provided for the stacks emissions monitoring as per the CPCB guidelines. Stack emissions shall be monitored in consultation with RPCB.	: Complied With. Portholes and sampling facilities have been provided for the stacks as per the Central Pollution Control Board Guidelines. Stack emissions are monitored in consultation with the Rajasthan State Pollution Control Board for various locations.
xvi.	The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.	: Complied With. Safety, Health & Environment (SHE) plan submitted to RPCB vides our letter no. SMEQC/01/54/160429 Dated 08.11.2012 along with EC compliance report.

xvii.	As committed, the PP shall draw an elaborate plan for undertaking various schemes under CSR activities, earmark specific budgetary outlays and spend accordingly. The detailed information in this regards shall be submitted by the P.P. to the RPCB at the time of applying for C.T.E./C.T.O.	: Complied With. As CSR activities CFCL under takes projects and schemes for promoting the social and economic development for communities nearby of CFCL. These development initiatives are in line with the needs of peoples, in partnership with them and in close collaborations with reputed NGOs and the government under PPP Scheme. To enlarge Company's role in improving life in rural India, the Company has embedded sustainability goals in its business strategies. Refer Annexure A
xviii.	Data on ambient air quality and stack emissions shall be submitted to RPCB, once in six months carried out by MOEF/NABL/CPCB/Govt. approved lab.	: Complied With. Ambient air quality monitoring and stack emissions monitoring have been carried out by Vardan Envirolab Gurgaon a NABL Accredited; RPCB recognized lab and Quarterly data submitted to RPCB once in Three months.
xix.	The PP shall provide separate drainage and outlets with the precaution that the storm water shall not come into contact with waste sludge.	: Complied with. Separate drainage & outlet is in place for storm water, the storm water does not come into contact with waste sludge.
xx.	The unit shall obtain proper authorization from Rajasthan State Pollution Control Board if it generates any waste which falls under the purview of HWMHR-2008.	: Complied With. Authorizations for Hazardous waste has been received vide order no. RPCB/HWM/2017-2018/ HSW/14 dated 25/05/2017
xxi.	Handling, manufacture, storage and transportation of hazardous chemicals shall be in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 (amended till date).	: Complied with. Handling manufacture, storage and transport of hazardous chemicals are in accordance with the Manufacture, storage and import of Hazardous chemicals Rule, 1989 as amended in year 1994 & 2000.
xxii.	Adequate measures for the control of noise shall be taken so as to keep the noise levels below 85 dB (A) in the work environment. Persons working near the machines shall be provided with well-designed ear muffs/plugs and other personnel protective equipments.	: Complied With. Required measures are in place for control of noise levels below 85 dB in work environment. Necessary PPE have been provided to all persons. Noise levels are being monitored regularly.
xxiii.	Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.	: Noted and Complied With. Communication system is in place. Standard Procedures in Safety manual have been incorporated and are being followed.
xxiv.	Efforts shall be made to increase green belt all around the premises. Native plant species shall be selected for this purpose in consultation with the local Forest Department A green belt development plan be prepared and implemented so as to cover at least 33% area of the plot size.	: Complied With. CFCL has already carried out extensive green belt development and it is 35.6% of the total area.
xxv.	A qualified person in the field of environment or separate Environment Management cell to be established to implement and carry out various functions is set up under the control of a Senior Executive who will report directly to the head of the project.	: Complied With. Separate Environment Management Cell with suitably qualified people to carry out various functions is already operational under the control of Senior Executive, who reports directly to the Head of the unit.

xxvi.	The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hours per day in one stretch. No residential facilities (even for security staff) within the factory premises will be provided.	: Noted and Complied With.
xxvii.	The funds earmarked for the environmental protection measures shall be kept in separate account and shall not be diverted for other purposes and year wise expenditure shall be reported to the Rajasthan State Pollution Control Board under the rules prescribed for environmental audit.	: Noted and Complied With. Regular system of financial budget exist and adequate financial provisions are being made for capital and recurring expenditure for maintaining and improving the environment systems, the allocated funds are only utilized for environment management and are not diverted for other purposes.
xxviii.	Periodical medical check up of the workers shall be done in six months and records maintained and effects of fluorine on human health need to be taken into special consideration.	: Complied With. Periodic medical check-up of the workers is being carried out six monthly and Medical Officer maintains the records.
xxix.	The PP shall ensure taking necessary steps on urgent basis to improve the living condition of the construction labour at site.	: Complied with.
xxx.	The PP shall ensure that, the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.	: Ccmplied With. It has been placed on Company's web site www.chambalfertilisers.com and displayed at the project site.
xxxi.	The PP shall ensure advertising in at least two local news papers widely circulated in the region, one of which shall be in vernacular language that, the project has been accorded environmental clearance and copies of the clearance letters are available with SEIAA, Rajasthan and the Rajasthan State Pollution Control Board and may also be seen on the website of the Board at www.rpcb.nic.in . The advertisement shall be made within 7 (seven) days from the date of issue of the environmental clearance and a copy shall also be forwarded to the SEIAA, Rajasthan and Regional Office, Jaipur(S)of the Board.	: Complied With. The required advertisement was made in local news papers on 16.09.2011; the information was sent to SEIAA & RSPCB vide letter no. SMEQC/606/ DATED 01.10.2011
xxxii.	The SEIAA, Rajasthan reserve the right to add new conditions, modify/annual any condition and/or to revoke the clearance if implementation of any of the aforesaid condition/other stipulations imposed by competent authorities is not satisfactory. Six monthly compliance status reports on project along with implementation of environmental measures shall be submitted to MoEF, Regional Office, Lucknow and RPCB.	: Noted Six monthly compliance status reports on project along with implementation of environmental measures are submitted to MoEF, Regional Office, Lucknow and RPCB.