



भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
क्षेत्रीय कार्यालय (मध्य)
Ministry of Environment, Forest and Climate Change
Regional Office (Central Region)



केन्द्रीय भवन, पंचम तल, सेक्टर-एच, अलीगंज, लखनऊ-226024

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F. No. IV/Env/R/INd-49/403/2006 /273

Date: 19.01.2018

सेवा में,

निदेशक (वै०),
इण्डस्ट्रीज, आई.ए. डिविजन,
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय,
इन्दिरा पर्यावरण भवन, तृतीय तल, वायु विंग,
जोर बाग, रोड, अलीगंज, नई दिल्ली।

विषय: एकपैन्शन ऑफ ग्रेन बेस्ड डिस्टीलरी यूनिट फाम 45 के.एल.पी.डी. टू 65 के.एल.पी.डी. एट प्लाट न० एस.पी.-156, रिको इण्डस्ट्रीयल एरिया, अजीतगढ़, तहसील श्रीमाधोपुर, सीकर, राजस्थान, मे० एग्रिबायोटेक इण्डस्ट्रीज लि०।

सन्दर्भ: पर्यावरणीय स्वीकृति पत्र संख्या J-11011/486/2009-IA. II(I) Dated:07-12-2009

Sir,

Please find enclosed herewith duly certified compliance reports for the above mentioned project for further process.

भवदीया,

(डा० श्रीमती सत्या)
वैज्ञानिक "डी"

प्रतिलिपि:

द प्रेसिडेन्ट, मे० एग्रिबायोटेक इण्डस्ट्रीज लि० एट प्लाट न० एस.पी.-156, रिको इण्डस्ट्रीयल एरिया, अजीतगढ़, तहसील श्रीमाधोपुर, सीकर, राजस्थान,

(डा० श्रीमती सत्या)
वैज्ञानिक "डी"

Certified Compliance Report

Subject: Expansion of Grain Based Distillery Unit from 45 KLPD to 65 KLPD at plot no. SP-156, RIICO Industrial Area, Ajeetgarh, Tehsil-Shrimadhapur, Sikar, Raj by M/s Agribiotech Industries Ltd.

**MoEF & CC, New Delhi Environmental Clearance No. J-11011/486/2009-IA. II(I)
Dated:07-12-2009**

Sr. No.	Specific Conditions	Compliance Status
i.	The industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/ failure of pollution control equipment adopted by the unit, the respective unit should be shut down and should not be restarted until the control measures are rectified to achieve the desired efficiency.	As per submitted document all parameters are found within limit. The treated effluent produced from the ETP is partially recycled in the process and partially used for greenbelt development. During visit no effluent is discharged was found outside the plant premises. They have provided well equipped stack emission controlling system by installing multi cyclone. They have agreed that In case of process disturbances/failure of pollution control equipment adopted by the project, the respective unit will be shut down and should not be restarted until the control measures are rectified to achieve the desired efficiency.
ii.	The particulate emissions from 12 TPH coal/bio gas/husk fired boiler shall be controlled by installation of multi cyclones and emissions shall be dispersed through stack height as per CPCB guidelines. The particulate emissions shall conform to the prescribed standards. The emission from the DG sets shall be dispersed through of adequate height as per CPCB/State Pollution Control Board. Acoustic enclosures shall be provided to mitigate the noise pollution.	The boiler was found equipped with adequate stack height and they have installed multi cyclones to the 12 TPH coal/bio gas/husk fired boiler for particulate matter emission control. As per submitted report the monitoring results are found within the limit. Two DG sets of 500 KVA and 380 KVA are used for emergency power backup. The DG sets are provided with adequate stack height and operated in acoustic enclosures to mitigate the noise pollution.
iii.	The company shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall	It was found that they have uploaded the copy of CR and EC on the website. The results have been simultaneously sent to the respective regulatory bodies as

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	simultaneously be sent to the regional office of MoEF, the respective zonal office of CPCB and the State Pollution Control Board. The level of SPM RSPM, SO ₂ , NO _x , (ambient levels), emission form the stacks and pH, TDS, BOD, COD, Chloride, suspended solid and sulphates in the treated effluent shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	stated by PA. The levels of SPM, RSPM, SO ₂ , NO _x (ambient levels) emissions from the stack and pH, TDS, BOD, COD, Chloride, suspended solids and sulphates in the treated effluent are being monitored and displayed at the main gate of the company. The submitted reports indicated that all parameters are within limit.
iv.	The spent wash generation shall not exceed 514 m ³ /day. After decantation, 109 m ³ /day of effluent in the form of wet cake shall be sold as cattle feed. Out of remaining 405 m ³ /day of effluent 162 m ³ /day shall be recycled and 243 m ³ /day of effluent after primary, secondary and tertiary treatment as ozonation shall be partially recycled and partially used for green belt development. The treated effluent shall conform to the prescribed standard.	During visit it was found that the spend wash generation is being sent to decanter where the solid fibrous part gets separated and the supernatant is being sent to ETP for treatment which is utilized in process and development of green belt & plantation.
v.	The spent wash shall be stored in impervious pucca lagoons shall have proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. As per CPCB recommendation, storage shall not exceed 30 days capacity.	It was found that the spent wash is being stored in one impervious pucca lagoon. The lagoon has proper lining with HDPE and is kept in proper condition to prevent ground water pollution as stated by PA. It is also ensured that the storage of the spent wash does not exceed 30 days capacity as per CPCB recommendation.
vi.	Adequate numbers of ground water quality monitoring stations by providing peizometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this ministry.	It was found that one peizometer have been installed for analysis of ground water quality. As per submitted reports all parameters are found within limit.
vii.	Green belt in 33% of the plant area shall be provided to mitigate the effects of fugitive emissions all around the plant as per CPCB guidelines in consultation with local DFO.	Agribiotech Industries Ltd., has developed green belt in 40% of the total plant area to mitigate the effects of fugitive emissions all around the plant as stated by PA. Magnifera Indica, Manilkara zapota, Psidium guajava, Litchi chinensis, Phoenix dactylifera, Citrus limetta, Azadirachta indica, Tamarindus indica, Syzygium cumini, Artocarpus heterophyllus, Saraca asoca, Dalbergia sissoo, Delonix regia, Ficus religiosa, Morus alba, Plumeria alba, Rosa acicularis, Vachella nilotica, Ficus racemosa, Bauhinia variegata were found during visit.
viii.	Company shall adopt rainwater harvesting measures to recharge the ground water.	It was found that they have provided rainwater harvesting within plant

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		premises as well as in nearby areas. The plant premises have recharge structures in plant and anicuts are constructed in nearby area. The recharge measures have helped in improving ground water regime due to additional recharge of the order of 3,02,112 m ³ per annum as stated by PA.
ix.	Fire Fighting System shall be as per the TAC norms and cover all areas where alcohol is produced, handled or stored and provision of foam system for fire fighting to control fire from alcohol storage tank.	It was found that they have provided fire fighting extinguishers and fire hydrants at all vital locations within the plant premises.
x.	Risk management shall be carried to assess the fire and expansion risk due to storage of alcohol and report submitted to ministry within six months.	As provided document during visit the risk assessment is being carried out regularly and the report is submitted to the Ministry within six month.
xi.	The company shall undertake measures to control overflow of alcohol storage tanks. Further, high level alarms with automatic shut-off should be installed and emergency shut off should be at distance.	It was found that they have installed alarm systems that automatically shut off to control overflow of alcohol storage tank.
xii.	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facility in the occupational health centre shall be strengthened and the medical records of each employee shall be maintained separately. It has been found that PAs are conducting medical checkup of the all employees in six monthly and record maintained. The first aid facility is available at the plant site.	They have conducts occupational health surveillance programme for all the employees and ensures to strengthen the first aid facilities by providing first aid boxes at vital locations. Medical health check up of employees is carried out on timely basis and records are also maintained at their office.
xiii.	Provision shall be made for housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, 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. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Presently the plant is in operational phase.
General Conditions		
i.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	The plant is operational as 65 KLD grain based distillery and no expansion has been proposed till date as stated by PA.

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		However, as per submitted report they have applied for amendment in EC for adoption of better management of the project by modification of spent was treatment method with the installation of MEE.
ii.	Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration of SPM, SO ₂ , NO _x , are anticipated in consultation with the State Pollution Control Board.	Ambient air quality monitoring stations are set up in downwind direction as well as at places predicted to have maximum ground level concentrations in order to assess the concentration of various parameters.
iii.	The adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.	They have provided adequate number of influent and effluent quality monitoring stations at project premises.
iv.	The Industry shall ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	As per submitted report all parameter are found within limit.
v.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	It was found that control measures including acoustic hoods, silencers enclosures etc are provided on all sources of noise generation. As per submitted report the level of noise is found within limit.
vi.	Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facility in the occupational health centre shall be strengthened and the medical records of each employee shall be maintained separately.	The status of this condition has been mentioned in earlier condition.
vii.	The separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	A separate environmental management cell has been established wherein the unit head manages the EMC.
viii.	The project authorities will provide requisite funds recurring and non- recurring to implement the	As stated by PA that the company has earmarked total capital cost as 35

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	conditions stipulated by the Ministry of Environment and Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.	crores. The capital cost for environmental management plan is 3.5 crores and recurring cost is 50 lakhs/annum. The funds are not diverted for any other purpose but environmental sustainability as stated by PA.
ix.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	None of the suggestions have been received from Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO; hence no copy of clearance letter has been sent to such authorities as stated by PA.
x.	The implementation of the project vis-à-vis environmental action plans will be monitored by the Ministry's Regional Office at Lucknow / State Pollution Control Board / Central Pollution Control Board.	The company has provided provisions for monitoring implementation so as to conserve environment in all possible ways.
xi.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both hard copies as well as by email) to the respective Regional Office of MoEF, the respective zonal office of CPCB and the State Pollution Control Board.	Being complied
xii.	The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	They have submitted the information related to this condition to this office.
xiii.	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board / committee and may also be seen at website of the Ministry of Environment and Forests at http://envfor.nic.in . This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulation in the region	Complied

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	<p>of which one shall be in the vernacular language of the locality concerned and a copy the same shall be forwarded to the Regional office.</p> <p>They have already advertised / published in the two local news papers for public information.</p>	
xiv.	<p>The project authorities should inform the Regional Office at Lucknow as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.</p>	Being complied

[Handwritten Signature]
27.01.18