

GLOBAL SPIRITS LIMITED

Shyampur, Behror, Alwar, Rajasthan-301 701

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April 12, 2015

The Director

Government of India, Ministry of Environment & Forests,

Regional Office(Central Region), Kendriya Bhawan, 5th Floor, Sector "H",

Aliganj, LUCKNOW-226 024

Sir,

We hereby submit point wise compliance report on Office Memorandum No.J-11011/50/2010-IA II(I) dated 25.2.2011 as below :-

Name of Project	Globus Spirits Limited, Shyampur, Behror, Alwar, Rajasthan- 301 701
Project Code	RAJ-14-99-96
Clearance Letter No.	J-11011/50/2010-IA II (I) dated 25.2.2011
Period of compliance report	October, 2014 to March, 2015

A) SPECIFIC CONDITIONS

S.No.	Conditions	Compliance Status
i)	Environment clearance accorded is for Grain based distillery unit (100 KLPD) only and no molasses based distillery unit shall be installed without prior permission from the Ministry	We are having only 100 KLPD Grain based distillery unit. No molasses based distillery unit will be installed without prior permission from the MoEF
ii)	Permission and recommendations of the State Forest Department regarding impact of the proposed plant on the surrounding of the Barud Reserve Forests (6.9 KM;NE) shall be obtained and implemented.	Permission from the State Forest Department regarding impact of the plant on the surrounding of the Barud Reserve Forests has already been obtained.
iii)	All the directions issued by the CPCB shall be implemented and the compliance report shall be submitted to the CPCB and the Ministry's Regional Office at Lucknow(UP).	We have already implemented all the directions issued by the CPCB compliance report has also been submitted.
iv)	Company shall obtain " Consent to operate" from the State Pollution Control Board prior to the operation of Expansion and Modernization of Grain based Distillery Unit (40 KLPD RS & 20 KLPD ENA to 100 KLPD RS/ENA	We have already obtained consent to operate from the State Pollution Control Board prior to the operation of expanded / modernized grain based distillery. Consent No.F(Plan)/Alwar(Behror)/3(1)/2014-215/5222-5224 dated 18.09.2014, valid up to 30.06.2017.
v)	Efforts shall be made to reduce RSPM levels in the ambient air and time bound action plan shall be submitted. Multi-cyclone followed by bag filter along with stack of adequate height shall be provided to Boiler. Efficiency of pollution control device shall be monitored regularly and report	RSPM levels in the ambient air is under control. Multi-cyclone followed by bag filter/ ESP along with stack of adequate height have already been provided to Boiler. In the vent of failure of any pollution control system adopted by us, we will not restart the respective unit until the control measures are rectified to achieve the desired efficiency. We are regularly monitoring the efficiency of pollution control devices . The

	submitted to the Ministry's Regional Office at Lucknow(UP). At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	copy of the Report is attached as " Annexure-I "
vi)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No.826(E) dated 16 th November, 2009 shall be followed.	We are following the national ambient air quality emission standards issued by the MoEF
vii)	In Plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/ materials, multi cyclone separator and water sprinkling system . Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by Rajasthan State Pollution Control Board(RSPCB)	We have already provided necessary control measures for checking fugitive emissions from all the vulnerable sources and the emission is maintaining under the limited imposed by State Pollution Control Board.
viii)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	The gaseous emissions from DG set is being dispersed through adequate stack height as per CPCB guidelines and Acoustic enclosure has also been provided to the DG sets to mitigate the noise pollution.
ix)	The Company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the RSPCB. The levels of PM	We will upload the status of compliance of the stipulated environmental clearance conditions including results of monitored data on our website
x)	As proposed, no additional water shall be used for proposed expansion over and above the current use i.e. 552 m3/day and prior permission shall be obtained from the Central Ground Water Authority/ State Ground Water Board and a copy submitted to the Ministry's Regional Office at Bhopal within 3 months of issue of environment clearance.	We are consuming water 552 m3/day only and there is no consumption of additional water over and above the current use i.e. 552 m3/day.

xi)	Spent wash generation shall not exceed 5 KL/KL of alcohol. Spent wash shall be treated through Centrifuge decanter & multi effect evaporator(MEE) and the concentrated syrup shall be mixed uniformly in the suspended solids(fibers) to form DWGS and used as cattle feed. Spent lees and utilities wastewater shall be treated in effluent treatment plant (ETP) and water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB and treated effluent shall be recycled/ reused. Performance of ETP shall be monitored regularly. No effluent should be discharged outside the premises and "Zero" discharge should be adopted.	Spent wash generation will not exceed 5 KL/KL of alcohol. Spent wash called slops is being passed through Centrifuge Decanters, where suspended solids is separated and Multi effect evaporators(MEE), where Thin Slops comprising 6-7% w/w Total Solids is concentrated up to 28-30% w/w. Wet cake generated from the Centrifugal Decanter is being sold as Wet cake , whereas the thin slop separated from Centrifuge Decanters is further concentrate from 4% w/w feed solids to 28-30 % w/w solid generated process condensate is recycled for process use. The concentrated syrup is mixed with wet cake and being sold to dairies and farm owner. Spent lees and utilities waste water is being treated in ETP to meet the norms prescribed by CPCB/SPCB and treated effluent is being recycled/ reused in the process. No effluent is being discharged outside the premises and we have already adopted " Zero " Discharge.
xii)	Spent wash should be stored in impervious lagoon with HDPE lining as per CPCB guidelines and should be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon should be for 5 days.	We have already provided impervious lagoon with HDPE lining , having spent wash storage capacity for 5 days as per CPCB guidelines.
xiii)	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to RSPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and suspended solids shall be monitored.	We have already provided adequate water quality monitoring stations . Sampling and trend analysis monitoring is being carried out regularly. The copy of ground water analysis report is attached herewith as " Annexure-II "
xiv)	No storage of wet cake shall be done at site. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.	Wet cake is directly loaded to the Trucks and sold as Cattle feed.
xv)	As proposed, no coal and pet coke shall be used as fuel in the Boiler	We are using Rice Husk only as fuel in the Boiler
xvi)	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. To avoid air borne, Fly ash may be kept in wet form. Direct exposure of workers to fly ash & dust shall be avoided.	Boiler ash is being stored separately as per CPCB guidelines and to avoid air borne, Fly ash is being kept in wet form.
xvii)	Rice Husk storage shall be done in such a way that it does not get air borne or fly around due to wind. For this, it may be kept in wet form or in covered area.	We have already constructed covered shed for storage of Rice Husk to avoid air borne or fly around due to wind.

xviii)	Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre should be strengthened and the regular medical test records of each employee should be maintained separately.	We are undertaking Occupational health surveillance programme as regular exercise for all the employees.
xix)	Fire fighting system shall be as per the OISD 117 norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.	We have already provided sufficient fire fighting system to cover all areas where alcohol is produced, handled and stored. And also provided provision of foam system.
xx)	Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Bhopal within six months.	We are regularly undertaking Risk Assessment to assess the fire and explosion risk due to storage of alcohol.
xxi)	As proposed, green belt shall be developed in 2.4 ha out of 7.272 ha of total land and plantation shall be done as per the CPCB guidelines in consultation with DFO.	We have already developed green belt as per the CPCB guidelines in consultation with DFO. The details of Plantation is under: Trees: Old - 295 nos New planted during this rainy season - <u>35 nos.</u> 330 nos. Shrubs: Old - 3436 nos New planted during this rainy season - <u>500 nos</u> 3936 nos.
xxii)	All the issues raised during the public hearing/ consultation meeting held on 27 th August, 2010 shall be satisfactorily implemented.	We have implemented all the issues raised during the public hearing/ consultation meeting held on 27 th August, 2010.
xxiii)	Dedicated parking facility for loading and unloading of material shall be provide in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Dedicated parking facility has already been provided in the factory premises for loading and unloading of materials. And also developed and implemented good traffic management.
xxiv)	Provision shall be made for the housing for the 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.	We have already provided housing facility for the construction labours within the site with all necessary infrastructures.
B.	GENERAL CONDITIONS	
i.	The project authorities shall strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board	We are strictly adhering to the stipulations made by the State Pollution Control Board.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and	We will not carry out any further expansion or modifications in the plant without prior approval of the Ministry of Environment and Forests.

	Forests. In case of deviations or alternations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environment protection measures required, if any.	
iii.	The locations of ambient air quality monitoring stations shall be decided in consultation with the Rajasthan State Pollution Control Board and it shall be ensured that at least one station is installed in the upwind and downwind of conditions imposed and to add additional environmental protection measures required, if any.	The locations of ambient air quality monitoring stations have already been decided in consultation with the Rajasthan State Pollution Control Board and monitoring is being done regularly.
iv.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA(day time) and 70 dBA (night time)	We have already provided noise control measures to keep overall noise levels in and around the plant area within the standards .
v.	The Company shall harvest rainwater from the roof-tops of the building and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Rain water harvesting system has already been provided to recharge the groundwater and use the same water for the process activities..
vi.	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous waste(Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from RSPCB shall be obtained for disposal of solid/ hazardous waste including boiler ash.	Earlier Authorization has been expired and new application has already been submitted to State Pollution Control Board for its renewal.
vii.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	We have already constructed garland drains to avoid mixing of accidental spillages with domestic wastewater and storm water drains..
viii.	Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.	We have already provided personal protection equipments to all employees..
ix.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	We are giving periodically training to all employees on safety and health aspects.
x.	The Company shall also comply with all the environmental protection measures and safeguards proposed in the project report	We are complying with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry

	submitted to the Ministry. All the recommendations made in the EIA/ EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	
xi.	The Company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	We are undertaking CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area .
xii.	The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment.	We are undertaking eco-development measures including community welfare measures in the project area for the overall improvement of the environment.
xiii.	A separate Environmental Management Cell equipped with full ledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	We have already set up a separate Environmental Management Cell equipped with full ledged laboratory facilities to carry out the Environmental Management and Monitoring functions.
xiv.	As proposed, the company shall earmark Rs.7.00 Crores towards capital cost and Rs.0.60 Crore funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	We have earmarked Rs.7.00 Crores towards capital cost and Rs.0.60 Crore funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests and no funds so earmarked for environment management / pollution control measures will be diverted for any other purpose.
xv.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from who suggestions, representations, if any, were received while processing the proposal.	We have already sent copy of the clearance letter to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban Local Body and the local NGO.
xvi.	The project proponent shall also 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 respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Rajasthan Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	We are regularly submitting six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions.
xvii.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the Rajasthan Pollution Control Board as prescribed under 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	We are submitting regularly the Environmental Statement for each financial year ending 31 st March in form-V.

