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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File No.IV/Env/UP/Ind-74/190/2006 /13

Date:12.04.2016

सेवा में,

उप महाप्रबन्धक (प्रशा0),
मे0 द्वारिकेश शुगर इण्डस्ट्रीज लि0,
द्वारिकेश नगर–246 762,
बिजनौर, उ0प्र0

विषयः सर्टिफाइड कम्प्लायन्स रिपोर्ट ऑफ 30 के.एल.डी यूनिट मे0 द्वरिकेश शुगर इण्डस्ट्रीज लि0, बुन्दकी, बिजनौनर, यू0प्र0।

सन्दर्भः पर्यावरणीय स्वीकृति संख्या J-11011/35/2004-IA-II dated 24/06/2004.

Sir,

Please find enclosed herewith duly certified compliance report of the above captioned project of the conditions stipulated by Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi vide environment clearance letter no J-11011/35/2004-IA-II dated 24/06/2004.

भवदीय,

12/4/16

(डा0 ए0के0 गुप्ता),
संयुक्त निदेशक (वै0)

CERTIFIED COMPLIANCE REPORT

Name of Project: 30 KLPD Molasses Based Distillery Dwarikesh Sugar Industries Limited, Dwarikesh Nagar, Bijnor --246762

Environment Clearance No.: J-11011/35/2004-IA-II dated 24/06/2004

Regional Officer File No.: IV/Env/UP/Ind-74/190/2006

Sl.	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 equipments 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.	It has been found that PAs are conducted regular monitoring of effluent and stack. Submitted analytical reports depicted that the results are found within the prescribed limit of SPCB.
ii.	The company shall adopt state of the art continuous fermentation technology and ensure that the spent wash generated does not exceed 8-10 KL/KL of alcohol produced.	It has been found that PAs are using continuous fermentation technology for fermentation. The generation of spent wash is in between 8 to 10 KL/KL of production.
iii.	The unit shall not operate for more than 270 days in a year as per the CPCB guidelines.	As per record of last year distillery was operated for less than 270 day, as per guidelines of the CPCB.
iv.	Bio-composting with press mud shall be practiced for utilization of spent wash.	It has been found that PAs are doing bio-composting for utilization of generated spent wash. They are in process to installing multi effect evaporator (MEE) system. It will helpful to reduce the volume of spent wash up to 50-60% and subsequently for achieving zero discharge.
v.	Land and other requirement for treatment of spent wash with press mud shall be as per the CPCB guidelines. The Company shall earmark a separate area of 11 acres for bio-composting and storage of press mud and finished products. Spent wash storage shall not be more than 30days. The company shall monitor the soil and ground water quality in the compost and project area on a regular basis and submit half-yearly reports to CPCB and the Ministry.	As sated earlier, PAs are doing Bio-composting as per the guidelines of CPCB. Third party ground water analysis was conducted by M/s. Newcon Consultants & laboratories dated 28-09-2015, Analysis report depicted that data are found within the norms.

Sr.	Parameters	Results
1.	Colour	<5 Hazen
2.	Odour	Unobjectionable
3.	Taste	Agreeable
4.	Turbidity	<1 NTU
5.	pH	7.18
6.	TDS	396 mg/l
7.	Total Hardness	124 mg/l
8.	Total Alkalanity	172 mg/l
9.	Residual Free Chlorine	<0.2 mg/l
10.	Iron (Fe)	0.16 mg/l
11.	Sulphates (SO4)	14.5 mg/l
12.	Chloride (Cl)	26.9 mg/l
13.	Flouride (F)	0.28 mg/l
14.	e-coli	Absent
15.	Total Coliform	<2 mpn

Certified Compliance Status

DR. A. K. GUPTA
Joint Director
M/o Environment, Forest & Climate Change
Kendriya Bhawan, Sec-H, Aliganj, Lucknow

vi.	The Company shall obtain necessary permission for drawl of groundwater from the concerned state agency.	It has been found that PAs have obtained permission for the withdrawals of ground water from Central Ground Water Authority (CGWA) vide letter no. 21-4(130)/NR/CGWA/2009-30 dated 25/06/09. They have applied for its renewal through letter no DSIL:DN:DISTILLERY :1476 Dated 10th March 2014
vii.	The Company shall undertake rainwater harvesting measures.	It has been found that PAs have setup rainwater harvesting system in the factory premises, which is found running condition.
viii.	As reflected in the EIA/EMP, green belt of adequate width and density shall be provided to mitigate the effects of fugitive emissions all a round the plant as per the CPCB guidelines in consultation with the local DFO.	It has been found that PAs are in process to increase their green belt area with planting of local species including Alostonia scholris, Polialthe pendula, Kadamba, Calendra, Poplar, Ficus benjamina, etc. As per record they have planted around 2960 plants in the distillery campus including 560 plants in year 2015-2016.
ix.	Occupational health surveillance programme shall be undertaken as a regular exercise for all the employees and their medical records maintained.	It has been found that PAs have setup well equipped medical centre and appointed three Doctors (Dr.Gopal Gupta, B.Sc. MBBS, Kanpur, Regn No.33762, Dr. (smt) Rasna Gupta, M.B.B.S., Kanpur, Regn No.37276 and Dr. Akhil Tyagi, DHMS, Jaipur, Regn No.27239). They have also conducted regular examination of the employee and maintained the record.
Sl.	**General Conditions**	**Compliance Status**
i.	The project authorities shall strictly adhere to the stipulations made by the Uttar Pradesh Pollution Control Board and the State Government.	It has been found that PAs are in process to adhere the stipulation made by UPPCB under water and Air Act. They are also taking consent from UPPCB, as follows: a) Water– Ref No.F74872/C-7/346/Jal Pradushan/Bijnor/2016 dated 04-03-2016, Valid upto 31.12.2017. b) Air– Ref No.F74871/C-7/342/Jal Pradushan/Bijnor/2016 dated 04-03-2016, Valid upto 31.12.2017.
ii.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment & Forests.	There is no expansion work done so far.
iii.	Ambient Air Quality Monitoring Stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO2, NOx are anticipated in consultation with the State Pollution Control Board.	They have equipped laboratory for Air & Water analysis for proper watching. They are appointed outside Laboratory for the analysis of ambient Air quality time to time. Reports of M/s Newcon Consultants Laboratory of 23-09-2015 is as under:

Sr.	Parameter	Results
1.	PM_{10}	81 $\mu g/m^3$
2.	Sulphur Dioxide	22 $\mu g/m^3$
3.	Carbon Monoxide	0.34mg/m^3
4.	Nitrogen Di-oxide	28 $\mu g/m^3$

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Kendriya Bhawan, Sector-H, Aliganj, Lucknow

iv.	Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the State Pollution Control Board. Regular monitoring shall be carried out for relevant parameters.	As stated earlier, PAs have bio-composting system. Therefore, this condition is not applicable.
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 shall conform to the standards prescribed under EPA Rules, 1989 viz 75 dBA (day time) and 70 dBA (night time).	It has been found that PAs are conducting noise levels analysis on regular basis. As per analysis reports data are well within standard (75 dBA) stipulated under EPA act. The noise monitoring report dated 23.09.2015 is as under: Sr. | Description of Noise level dB (A) | Results 1. | Average | 70.41 2. | Maximum | 72.60 3. | Minimum | 68.20 4. | Leq dB (A) | 70.61
vi.	The project proponent shall comply with all the environmental protection measures and safeguards recommended in the EIA report.	It has been found that PAs are in process to comply most of the environmental protection measures and safeguards recommended in the EIA report.
vii.	A separate environmental management cell equipped with full fledged laboratory facilities shall be set up to carry out the environmental management and monitoring functions. The project authorities shall provide adequate funds both recurring and nonrecurring 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 provided shall not be diverted for any other purpose.	It has been found that PAs have developed environment management cell under guidance of G.M. (Administration). As per the information submitted by PAs expenditure in 2015-2016 in different head are as under: ➢ CSR activities like Medical camp, hand-pump installation, Blanket distribution, meritorious cash awards for student and repair of roads of nearby villages and plantation of trees. – Rs. 23.01 Lacs. ➢ Expenditure /cost of our MEE plant. – Rs. 7.40 Crores ➢ Expenditure on Environmental activities including salary/wages of officers / staff.- Rs. 42.11 Lacs.
viii.	The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Lucknow / SPCB/CPCB. A six monthly compliance status report alongwith the monitored data shall be submitted to the monitoring agencies.	It has been found that PAs are regularly submitting the compliance report to this office.
ix.	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 SPCB/Committee and may also be seen at website of the Ministry of Environment & Forests at http:/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, atleast in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office.	Complied
x.	The project authorities shall inform the Regional Office 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.	Complied

Certified Compliance Status

Joint Director
Environment, Forest & Climate Change
Bhawan, Sec-H, Aliganj, Lucknow