

## Compliance Status of Environmental Clearance

1. Name of the Project- **M/S University of Petroleum and energy studies**
2. Location of the Project- **Energy Acres, P.O. Bidholi Via Prem Nagar Dehradun**

S.No	Conditions of the Environmental Clearance	Compliance Status & detail
<b>A. Specific Conditions.</b>		
1	Water requirement shall not exceed 261.01 KLD, which shall be sourced from the bore well. Waste water from domestic use shall be taken to adequate capacity sewage treatment plant (STP) of appropriate capacity and treated. The treated water shall then be lagoons form where it shall be utilized for gardening and green belt development. No waste water shall be discharged outside the plant boundary and Zero Discharge shall be strictly adhered to.	Water requirement is less than 261.01 KLD and we are having STP to treat the waste water. The entire treated water is utilized for green belt development and gardening. No waste water is being discharged outside the boundary and Zero Discharge maintained.
2	The solid waste generated from the premises shall be segregated and biodegradable waste along with raw sludge of STP shall be used for biogas generation and residues generated from the biogas generation facility shall be used for green belt development.	Entire solid waste is being segregated in. Sludge of STP being used as manure
3	44% of the total land area of the project shall be used for green belt development with suitable species of plants as per the CPCB guidelines.	Green belt is being maintained with suitable species of plants as per CPCB guidelines.
4	The project authority shall be installing a D G set of 1200 KVA which shall be equipped with acoustic enclosures and appropriate stack height.	We are having a DG set of 1200 KVA which has been equipped with acoustic enclosures and appropriate stack height.
5	The project authority has to obtain 'Consent to Establish from the State Pollution Control Board.	Renewal of CTO for the year 2020 - 21 is received.
6	The project authority has to obtain the necessary permission/NOC from the respective regulatory authorities prior to construction.	We have obtained all necessary permissions
7	The project authority has to submit the compliance report of Environment Clearance in every six months to the Authority.	Is being submitted regularly.
8	The project authority shall obtain permission from the Central Water Board for extraction of groundwater.	Obtained NOC for abstracting the Ground water from CGWA
9	The project authority shall provide rain water harvesting system for groundwater recharge.	Rain water harvesting system has been installed.
10	The project authority shall comply with the provisions of the 'Doon Valley Notification-1989'.	The University is complying the provisions of the 'Doon Valley Notification-1989'.
11	This Environmental Clearance is valid for construction of 54,222.35 sqm built up area at the existing university campus only.	Our Built up area is within 54,222.35 sqm at the existing university campus and if there will be any proposal for more construction separate application for expansion will be submitted before SEIAA / as per Environmental notification

<b>B. General Conditions</b>		
1	The project authorities shall strictly adhere to the stipulations made by the UEPPCB.	We are strictly adhering to the stipulations made by the UEPPCB.
2	No further modifications or expansion shall be carried out without prior approval of the Competent Authority. In case of deviations or alterations in the project proposal from those submitted to this authority for clearance, a fresh reference shall be made to the authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	No expansion is proposed.
3	At no time, the emissions shall exceed the prescribed limits. In the event of failure of any 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.	Ours is a Educational Institution. There is no process hence is not required.
4	The gaseous emissions (SO <sub>x</sub> , NO <sub>x</sub> , CO, VOC and HC) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of 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.	There is no source of gaseous emission.
5	The locations of ambient air quality monitoring stations shall be reviewed in consultation with the UEPPCB and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Monitoring station may not be required as we are on educational institution and do not generate any significant pollutants / pollution.
6	The stacks of appropriate height as per the Central Pollution Control Board guidelines shall be provided to control the emissions from various vents.	Proper Stack to D. G set has been installed.
7	All liquid raw materials shall be stored in storage tanks and drums. Closed handling systems for chemicals and solvents will be provided. Magnetic seals shall be provided for pumps/agitators for reactors for reduction of fugitive emissions. Solvent traps shall be installed wherever necessary. Reactor generating solvent vapours will be connected to condensers with receivers.	There is no use of more raw materials in chemical form. Minor amount of chemicals is consumed in laboratory and are disposed off as per norms.
8	All venting equipment shall have vapour recovery system. All the pumps and other equipments where there is a likelihood of HC leakages shall be provided with Leak Detection and Repair (LDAR) system and LEL indicators and Hydrocarbon detectors. Provision for immediate isolation of such equipment, in case of a leakage shall also be made. The company shall provide a well defined Leak Detection and Repair (LDAR) program for quantification and control of fugitive emissions. The detectors sensitivity shall be in ppm	The Unit is an educational institution does not have any such equipment. All AC equipment used in CFC free.

	levels.	
9	<p>The company shall undertake following waste minimization measures.</p> <ul style="list-style-type: none"> <li>▪ Metering and control of quantities of active ingredients to minimize waste.</li> <li>▪ Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.</li> <li>▪ Use of automated filling to minimize spillage.</li> <li>▪ Use of "Close Feed" system into batch reactors.</li> <li>▪ Venting equipment through vapour recovery system.</li> <li>▪ Use of high pressure hoses for equipment cleaning to reduce wastewater generation.</li> </ul>	All the efforts are being made to minimize the wastes of any type of materials.
10	Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the UEPPCB/Central Pollution Control Board. Dust / powder from the formulation process shall be collected by dust extractor.	It is educational institute, it is not applicable.
11	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management, Handling and Transboundary) Rules, 2008, as amended from time to time. Authorization from the UEPPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes. All Transportation of Hazardous Chemicals shall be as per the MV ACT, 1989.	Lube oil coming from DG set is hazardous waste. Which is stored , handle and transport as per the act Hazardous Waste (Management, Handling and Transboundary) Rules, 2008
12	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 dB(A) (day time) and 70 dB(A) (night time).	Noise levels in and around the Campus are well within the standards noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation are provided.
13	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.	We have an infirmary inside the Campus well equipped and qualified doctors. Occupational health surveillance of the students, Staff, Teacher, non-teaching staff , contract workers and vendors being carried out as per the act, applicable.

14	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.	There is a full-fledged HSE Department running under the Professor and Department is providing the training to student, staff and workers.
15	The Company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	Rain water harvesting system has been constructed.
16	The project authority shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report. All the recommendations made in respect of environmental management and risk mitigation measures relating to the project shall be implemented.	The University is complying with all the environmental protection measures and safeguards proposed in the EIA/EMP report. All the recommendations made in respect of environmental management and risk mitigation measures relating to the project is being implemented.
17	The company will undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CSR activities will be undertaken by involving local villages and administration.	The University is undertaking all relevant measures for improving the socioeconomic conditions of the surrounding area.
18	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The University undertakes eco developmental measures including community welfare measures in the premises.
19	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell is working under the Professor ( HSE)
20	The Authority may revoke/suspend the environment Clearance if implementation of any of the condition is not satisfactory and also the Authority reserves the right to stipulate additional condition(s), if found necessary. The Project authority in a time bound manner will implement these conditions.	Noted.
21	The stipulated conditions will be enforce, inter alia under the provisions of the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act 1986, Hazardous Waste (Management & Handling) Rules 2003/2008 and the Manufacture, Use & Import of Hazardous Chemical Rules 1989 and the Public Liability Insurance Act 1991, along with their amendment and rules.	Institution shall abide by all Acts.
22	This Environment Clearance is valid for five year from the date of issue of Environment Clearance or commissioning of project, whichever is earlier. The project authority shall inform to the authority as well as	Consent to Operate up to 31/03/2021

	UEPPCB, the date of start of the project and its completion.	has been received from UEPPCB Dehradun
23	The implementation of the project vis-a-vis environmental act shall be monitored by the team of the authority. A six monthly compliance status report shall be submitted to authority and shall be posted on the website of the company.	Complied.
24	The Project authority shall inform the public that the project has been accorded the environment clearance by the authority and copies of the clearance letter are available with the UEPPCB may also be seen at website of the State Board. This shall be advertise within seven days from the date of issue of clearance letter, at least in two local newspaper 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 SEIAA and SPCB	The matter has been communicated to the public through News Paper Dainik Jagran on 18-12-2009.

For- University of Petroleum and Energy Studies

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