

Expansion of Production Capacity with Change in the Product Mix for Manufacturing of Herbal Extracts and Active Pharmaceutical Ingredients.

October, 2020 to March, 2021

Compliance Report of Conditions Laid Down in Environment Clearance

Project Proponent	Alchem International Pvt. Ltd.	June' 2021
Project	Expansion of production capacity with change in the product mix for manufacturing of herbal extracts and active pharmaceutical ingredients.	
Location	SP 2-5, RIICO Industrial Area, Phase 1, Neemrana, District - Alwar, Rajasthan-301705	
Correspondence Address	SP 2-5, RIICO Industrial Area, Phase 1, Neemrana, District - Alwar, Rajasthan-301705	
Compliance To	<ul style="list-style-type: none">• Environmental Clearance issued by SEIAA-Rajasthan vide letter no. - No. F1F1(4)/SEIAA/SEAC-Raj/Seckt/Project/Cat.1(a)B2 (15361)/2019-20 dated 04.07.2019.• Amendment in Environmental Clearance issued by SEIAA-Rajasthan vide letter no. - No. F1F1(4)/ SEIAA/SEAC-Raj Sectt Project Cat. 5(F) B2 (15361) /2019-20 dated on 11.05.2020	

Validity of the statutory approvals obtained in compliance of EC:

- Environmental Clearance issued by SEIAA-Rajasthan vide letter no. - No. F1F1(4)/SEIAA/SEAC-Raj/Seckt/Project/Cat.1(a)B2 (15361)/ 2019-20 dated 04. 07.2019.
- Amendment in Environmental Clearance issued by SEIAA-Rajasthan vide letter no. - No. F1F1(4)/ SEIAA/SEAC-Raj Sectt Project Cat. 5(F) B2 (15361) /2019-20 dated on 11.05.2020
- Consent to Operate for existing capacity 200 Kg/day has been issued vide letter no. F(Tech)/Alwar(Alwar)/4073(1)/2018-2019/4767-4769 Order No : 2018-2019/CD/6254 dated 30.02.2018.
- Consent to Establish for expansion has been issued vide letter no. F(SCMG)/Alwar(Alwar)/1478(1)/2015-2016/4582-4584 Order No : 2019-2020/CD/6387 dated 05.02.2020.



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Environmental Clearance issued by SEIAA-Rajasthan vide letter no. - No. F1F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.1(a)B2 (15361)/ 2019-20 dated 04.07.2019.

• SPECIFIC CONDITIONS

S. No.	Points of Compliance	Status of compliance
1.	The EC is issued for the proposed expansion of production capacity from 200 Kg. per day to 735 Kg per day with change in product mix for manufacture of herbal extracts and active Pharmaceutical Ingredients as per details mentioned in above table.	Noted and undisputed
2.	The PP shall obtain Consent to Establish and Operate from the Rajasthan Pollution Control Board under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, before carrying out production activity.	Noted and shall be complied, Consent to Establish for expansion has been obtained vide letter no. F(SCMG)/Alwar(Alwar)/1478(1)/2015-2016/4582-4584 Order No : 2019-2020/CD/6387 dated 05.02.2020 valid upto 31.08.24. Copy enclosed as Appendix - I And CTO will obtain before carrying out production activity.
3.	The PP shall make compliance of the provisions of the Environment (Protection) Act, 1986 and the rules and notifications issued there under	Noted and complied, The previous compliance was sent to the office dated on: 28/01/2021
4.	This E.C is issued from the environmental angle only, and does not absolve the project proponent from the other statutory prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all	Noted and undisputed

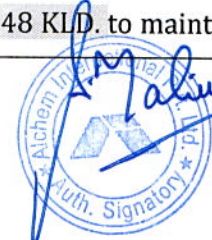


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	other laws for the time-being in force, rests with the industry/unit/project proponent. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Tribunal Act, 2010.	
5.	As committed, the PP shall earmark and spent of Rs. 711.75 Lac as capital cost and Rs. 75.00 Lac per annum recurring cost towards various environmental protection measures and implementation of various activities under Environmental Management Plan.	Noted and will be complied with upon commissioning of the plant.
6.	The PP shall earmark and spent an amount of Rs. 38.25 Lac as CSR (during 2018-22) as per the proposed submitted and the detailed action plan be submitted to RSPCB at the time seeking CTE.	Will be Complied Detail action plan for CSR activity expenditure is enclosed as Appendix - II .
7.	Total water demand for proposed expansion will be 297 KLD (fresh water demand 200 KLD and the recycled water demand is 97 KLD). The necessary permission of water supply should be obtained and submitted to RSPCB. For withdrawing ground water from bore wells, necessary permission from CGWA shall be taken.	The application for obtaining NOC for abstracting ground water to tune of additional 136 KL (existing 64 KLD and Proposed 136 KLD = Total 200 KLD) from CGWA has been submitted online on dated 26.09.2017. Copy Enclosed as Appendix III
8.	The industrial waste water will be treated in ETP of 120 KLD capacity followed by two stage RO plant, keeping zero liquid discharge (ZLD) by way of reusing the entire treated waste water in cooling tower. The RO reject waste	There is slight change in ZLD scheme. We install MVR instead of MEE. The Project has under commissioning, ETP of capacity 140KLD, RO of capacity 180 and MVR of capacity 48 KLD. to maintain the zero



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	water shall be disposed through adequate capacity Multi Effect Evaporator (MEE) plant so as to maintain ZLD. The construction of the ETP, RO plant and MEE should be carried out simultaneously with that of the project and should be functional before the project is put into use. An independent expert shall certify the installation of the Effluent Treatment Plant (ETP), RO & a report in operation. Treated waste water shall conform to the norms & standards of the Rajasthan State Pollution Control Board.	liquid discharge. Progress photograph of ZLD plant are enclosed as Appendix-IV The Treated waste water analysis report Enclosed as Appendix- V
9.	As already committed by the project proponent. Zero Liquid Discharge shall be ensured and no waste treated water shall be discharged outside the premises.	Noted. The plant will be operated on ZLD and no waste water will be discharged outside the premises.
10.	The project proponent, Zero Liquid Discharge shall be ensured and no waste treated waster shall be discharged outside the premises.	Noted and complied
11.	The domestic waste water will be treated in STP of 20 KLD capacity and treated waste water, confirming to prescribe standards, will be used for plantation and other gainful utilization within the premises.	Noted. Will be complied after expansion plant commissioning.
12.	The ETP, STP and RO shall have a separate hour meter and energy meter and the record of the same shall be maintained.	Noted. Will be complied before expansion plant commissioning.
13.	The PP should provide at least 4 no. of peizeometric wells in the premises and the locations of such wells shall be decided in consultation with the Regional Officer and shall	Out of 4 no of peizeometric wells in the premises, 1 has been installed. Photograph is enclosed as Appendix VI The rest 3 will be installed with consultation



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	carry out half yearly monitoring of these wells. Location of the well should be shown in the map.	of regional office.
14.	Process effluent/any waste water shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Noted. Storm water will not be mixed with waste water.
15.	The PP shall achieve the stack emission standards and ambient air standards as notified under E.P. Rules 86 and its subsequent amendments.	Noted. The project has maintained the stack emission as per standards of the Pollution control board and closely monitoring the emission, the Stack emission reports are enclosed as Appendix- VII.
16.	In case of the stack for disbursement of the process emissions shall not less than 30.00 Mtrs. from ground level.	Noted. Complied.
17.	In case of coal fired boiler the PP shall explore the possibility of use of gas.	Noted. Complies. We already install a 4 TPH gas fired boiler.
18.	The particulate matter and gaseous emissions (So _x , NO _x , CO, CO ₂ , Cl ₂ 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'86 from time to time.	Noted. Complied, The monitoring reports of stack and DG set for the particulate matter and gaseous emissions (So _x , NO _x , CO, CO ₂ , Cl ₂ etc.) are enclosed as Appendix VII.
19.	The Project Proponent shall provide online continuous monitoring system at all the major stacks (if applicable) as per the CPCB guideline and ensure connectivity of the same with CPCB & RSPCB server.	Online continuous monitoring system for air emission has been installed. Screen shot is enclosed as Appendix VIII.
20.	At no time, the emissions shall go beyond the	Noted and complied.



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	prescribed standards. In the event of failure of any pollution control system adopted by the unit shall immediately put off operation and shall not restart until the control measures are rectified to achieve the desired efficiency.	
21.	Ambient air quality monitoring stations shall be set up in the downwind directions as well as where maximum level concentration of PM ₁₀ & PM _{2.5} , SO _x , NO _x , CO, CO ₂ , are anticipated in consultation with Rajasthan Pollution Control Board.	Noted and complied. Ambient air monitoring reports are enclosed as Appendix- IX .
22.	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 completed with.	Noted and complied.
23.	The project proponent shall carry out regular monitoring of air emissions (at source, work environment, and ambient air) and assessment of performance of Air pollution control arrangements.	Noted and complied. Periodic air monitoring is being carried out by third party and the report is enclosed as Appendix - VII & IX .
24.	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.	Portholes and sampling facilities is already been provided for stacks emissions monitoring. Photograph of the same is enclosed as Appendix X
25.	The PP shall draw the Safety, Health & Environment (SHE) Plan and submit to RPCB.	Safety, Health & Environment (SHE) Policy is enclosed as Appendix XI
26.	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.	Data on ambient air quality and stack emissions is transmitting to RPCB and CPCB server.
27.	The PP shall provide separate drainage and	Noted and complied.



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	outlets with the precaution that the storm water shall not come into contact with waste sludge.	
28.	The unit shall obtain proper authorization from Rajasthan State Pollution Control Board, if it generates any waste which falls under the purview of HWMHE-2008.	Hazardous waste Authorization from Rajasthan State Pollution Control Board for is obtained for existing capacity (Enclosed as Appendix XII) and for the proposed capacity the authorization shall be obtained.
29.	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)	Noted and complied.
30.	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.	Noted and complied. To minimization of the noise pollution at the project site the Project used acoustic enclosure in DG set, silencers etc. and maintain the 34% plantation.
31.	Suitable alarm system and standard procedure for transmitting the information on the occurrence of an accident to the proper focal point shall be established.	Suitable alarm system for occurrence of an accident is already installed.
32.	Efforts shall be made in 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.	The green cover of 34 % of the project area and total 1550 plants has been planted. Photographs of plantation are enclosed as Appendix XIII .
33.	The PP shall provide stacks of adequate height	Noted and complied.



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	at the proposed once D.G. Set (IXI000 KVA) with acoustic enclosures for noise controls as per CPCB guidelines. The DG Sets shall comply with the norms notified Environment (Protection) Act, 1986.	The photograph of the DG set is given in the Appendix XIV , and the DG set monitoring reports are enclosed as Appendix VII .
34.	A qualified person in the field of environment or separate Environmental 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.	Mr. Sandeep Kumar is heading the Environmental Management Cell and have Manager EHS is working under him, to carry out various environmental related functions.
35.	The PP shall provide all necessary facilities like health facility, sanitation facility, fuel for cooking safe drinking water, medical camps, and toilets for women, crèche for infants etc. for labors. As proposed the PP shall earmark and spend an amount of Rs. 0.5 as annual recurring cost for labor welfare.	All the necessary facilities already exist in the plant premises.
36.	The PP will ensure that no employee or worker remains on duty within the plant premises for more than 8 hrs per day in once stretch in normal conditions. However based on plant operation and maintenance tasks, overtime can be provided as per the Rajasthan Factories rules for personnel deployed for more than 8 hrs.	Noted. it will be ensured that no employee/worker will be on duty after 8 hrs/ day in one stretch.
37.	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	Noted and complied.

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	Control Board under the rules prescribed for environmental audit.	
38.	The Periodical medical checkup 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.	Noted. The periodical medical checkup of the workers is being done and reports enclosed as Appendix XV .
39.	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 as the project site.	Noted and complied.
40.	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 and SEIAA, Rajasthan.	Noted.
41.	The PP shall obtain prior clearance from forestry and wild life angle including clearance from standing committee of National Board of Wild Life, as applicable. It is further categorically stated that grant of EC does not necessary implies that forestry and wild life clearance shall be granted to the project and that proposals for forestry and wild life	Not Applicable. There is no Eco sensitive zone with in 10 KM from project site.



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	clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance form forestry and wild life angle shall be entirely at the cost risk of the PP and MOEF shall not be responsible in this regard in any manner.	
42.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1 st May, 2018, as applicable, regarding Corporate Environment Responsibility.	Noted and will be complied
43.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	The company Head has laid down the Environmental Policy prescribe for standard operating procedures duly approve by the Board of Directors, enclosed as Appendix XI .
44.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who wil directly to the level of the organization.	Noted and complied.
45.	Action plan for implementing EMP and	Noted. Will be complied.



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	environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	The year wise progress report of the EMP plan is enclosed as the Appendix XVI .
46.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted. Internal audits including audited of EHS twice in a year. Third party audits are noted and will be complied.
<p>• GENERAL CONDITIONS</p>		
1.	This E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/unit/project proponent. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Noted
2.	No further expansion or modification in the project shall be carried out without prior approval of the SEIAA/Ministry of	Noted

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	Environment and Forests as the case may be. 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.	
3.	The implementation of the project vis-à-vis environmental action plan shall be monitored by MoEF Regional Office at Luknow/RSPCB/CPCB/SEIAA/Department of Environmental, Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.	Noted and complied. six monthly compliance status report submission receipt is enclosed as Appendix XVII
4.	The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.	Noted
5.	The project authorization shall inform the MoEF/Regional Office at Luknow/RSPCB/CPCB/SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted and complied
6.	Officials from the Department of Environment, Government of Rajasthan, Jaipur/Regional	Noted and complied



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	Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow/SEIAA, Department of Environment, Government of Rajasthan, Jaipur/RSPCB.	
7.	The Authority reserves the right to add additional safeguard measures subsequently of found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted and agreed
8.	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow/Department of Ecology and	Environment clearance has been published in Danik Bhasker and Times of India on dated 23.07.2019. Enclosed as Appendix XVIII .



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	Environment, Government of Rajasthan, Jaipur.	
9.	The conditions of EC shall be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.	Noted and complied
10.	The PP shall obtain prior clearance form forestry and wild life angle including clearance from standing committee of National Board of Wild Life (as applicable), it is further categorically stated that grant of EC does not necessary that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance from Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.	Not Applicable
11.	The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
12.	Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer	Noted



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	points should invariably be provided with Bag filters and or dry fogging system. In case of Belt-conveyors facilities the system should be fully covered to avoid air borne dust. Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	
13.	Periodic monitoring of ambient air quality shall be carried out for PM ₁₀ , PM _{2.5} , SPM, SO ₂ and NO _x monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State Pollution Control Board (RPCB). Six months reports of the data so collected shall be regularly submitted to the RPCB/CPCB including the MOEF, Regional office, Lucknow.	Noted and complied Monitoring report is enclosed as stated above.
14.	Personnel working in dusty area shall wear protective respiratory devices they shall be provided with adequate training and information on safety and health aspects.	Noted and complied
15.	The ambient noise level should conform to the standards prescribed under E(P) Rules, 1986 viz 75 dB (A) during day time and 70 dB(A) during night time.	Noted and complied Monitoring report is enclosed as Appendix XIX
16.	The PP shall submit an environmental statement for the financial year ending 31 st March in Form-V as prescribed under the environmental (Protection) Rules,1986, as	Latest Environmental statement has been submitted. Enclosed as Appendix XX




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amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and 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 Lucknow Regional offices of MOEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.

Date: ~~24~~ 06.2021


(Sunil Malik)
Authorized Signatory

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Amendment in Environmental Clearance issued by SEIAA-Rajasthan vide letter no. - No. F1F1(4)/ SEIAA/SEAC-Raj Sectt Project Cat. 5(F) B2 (15361) /2019-20 dated on 11.05.2020

I. Statutory compliance		
S. No.	Points of Compliance	Status of compliance
i	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable	Not applicable.
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan, Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)	Noted and complied,
iv.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board Committee.	Noted and Complied. The latest copy of the CTE was received from RSPCB on dated 05.02.2020.
v	The project proponent shall obtain authorization under the Hazardous and other Waste Management	Noted and Complied. Authorization for Hazardous and other

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	Rules, 2016 as amended from time to time.	Waste was received from RSPCB on dated 31.05.2018.
	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	The project has followed all the rules and guidelines for the manufacturing and Storage and import of the hazardous chemical.
II. Air quality monitoring and preservation		
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serve B and calibrate this system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 to NABL accredited laboratories.	Noted, The project has installed the online monitoring system in stack emission, The photograph of the same is enclosed as Appendix-VIII
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter though labs recognized under the Environmental, (Protection) Act, 1986.	The monitoring report of the ambient air is performed every quarter and latest report for the same is enclosed as Appendix-IX.
iii.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	The monitoring report for the four locations is also enclosed as Appendix-IX.



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iv	To control source and fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulfur content should not exceed 0.570 in the coal for use in coal-fired boilers to control particulate emissions within permissible limits (as applicable)- The gaseous emissions shall be dispersed through a stack of adequate height as per CPCB/SPCB guidelines.	To control the fugitive emission, the Project has installed the baghouse/cyclone separator and the adequate height of the stack is also maintained as per CPCB, the photographs of the pollution control measure and the stack is Photographs enclosed as Appendix-X
v.	Storage of raw materials, coal, etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions	Noted and complied, The photographs of the storage of raw material is enclosed as Appendix-XXI
vi.	National Emission Standards for Organic Chemicals Manufacturing industry issued by the Ministry vide C.S.R. 608(E) dated 21 st July 2010 and amended from time to time shall be followed	Noted and complied.
vii.	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 completed with	Noted and complied.
III. Water quality monitoring and preservation		
i.	The project proponent shall provide online continuous monitoring of effluent. the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the project achieving ZLD)	Noted, Will be complied before expansion plant commissioning.
ii.	As already committed by the project proponent, Zero liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).	Noted and complied.
iii.	The effluent discharge shall conform to the standards	Noted and complied. The monitoring



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	prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act. whichever is more stringent.	report of ETP treated water is enclosed as Appendix-V
iv.	The total freshwater requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	Noted.
v.	Process effluent of any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Noted and complied, there has been separate conveyance system for storm water.
vi.	The Company shall harvest rainwater from the rooftops of the buildings and stormwater drains to recharge the groundwater and utilize the same for different industrial operations within the plant.	Noted.
vii.	The DG sets shall be equipped with suitable pollution control devices and adequate stack height so that the emissions conform with the extant regulations and the guidelines in this regard.	Noted, the DG sets are installed by the project with adequate stack height to minimized the emission.
IV. Noise monitoring and prevention		
i.	The acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied, acoustic enclosure is provided to DG set. Photograph is enclosed as Appendix -XIV .
ii.	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	Complied. the Ambient noise monitoring report is enclosed as Appendix- XIX .
iii.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75	Noted, monitoring reports are enclosed as Appendix- XIX .



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	dB(A) during daytime and 70 dB(A) during nightttime.	
V. Energy Conservation measures		
i.	The energy sources for lighting purposes shall preferably be LED-based.	Noted and complied
VI. Waste management		
i.	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys, etc. Flame nesters shall be provided on the tank farm and the solvent transfer through pumps.	Hazardous chemicals have been stored in tanks, tank farms, drums. The Flame nesters provide for all solvent storage.
ii.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of off to the TSDF.	We have membership of TSDF facility. Copy of the same is enclosed as Appendix- XXII.
iii.	The company shall undertake waste minimization measures as below:- a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c. Use of automated filling to minimize spillage d. Use of Close Feed system into batch reactors. e. Venting equipment through vapor recovery system. f. Use of high-pressure hoses for equipment clearing to reduce wastewater generation.	Noted and complied
VII. Green Belt		
i.	The green belt of 5-10 m widths shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc., Selection of plant species shall be as per the CPCB guidelines in consultation with the	Noted and complied, The photograph of the exiting green belt is enclosed ass Appendix- XIII

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	State Forest Department.	
VIII. Safety Public hearing and Human Health Issue		
i.	An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted and will be complied
ii.	The unit shall make the arrangement the protection of possible fire hazards during the manufacturing process in material handling. The fire fighting system shall be as per the norms.	Noted and complied
iii.	The PP shall provide Personal Protraction equipments (PPE) as per the norms of the factory Act.	Noted and complied
iv.	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on holding the chemical shall be imparted.	Noted and complied
v.	Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted and being complied with
vi.	Occupational health surveillance of the worker, shall be done on a regular basis and recoils maintained as per the factories Act.	Noted. The periodical medical checkup of the workers is being done and reports enclosed as Appendix XV.
vii.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products. And no parking to be allowed outside public places.	Noted and complied.



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IX. Corporate Environmental Responsibility		
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted and being complied with
ii.	The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest/wildlife norms /conditions. The company shall have a defined system of reporting infringements /deviation/violation of the environmental / forest /wildlife norms/ conditions and/or shareholders/stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.	Noted and complied, Environmental Policy with Standard Operating Procedure & Non Compliance Reporting Procedure is enclosed as Appendix- XI . Hierarchical System/ Administrative Order of Company The copy of have board resolution is enclosed as Appendix- XXIII .
iii.	A separate Environmental Cell both at the project and company headquarters level, with qualified personnel, shall be set up under the control of a senior Executive, who will directly to the head of the organization.	Noted. The project has already constructed the environmental cell for the monitoring, The Hierarchical System/ Administrative Order of the same is enclosed as Appendix-XXIV
iv.	Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year-wise progress of implementation of action plan shall be reported to the	Noted and being complied with. The updated EMP and the year-wise expenditure on environmental is enclosed as Appendix-XVI .

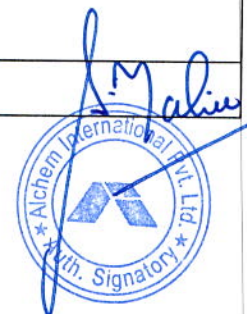


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	Ministry/Regional Office along with the Six Monthly Compliance Report	
v.	Self environmental audits shall be conducted annually. Every three years third-party environmental audit shall be carried out.	Noted and will be complied.
X. Miscellaneous		
i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition, this shall also be displayed in the project proponent's website permanently.	Noted the Newspaper advertisement and the screenshot of the project website showing the advertisement is enclosed as Appendix- XVIII
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of Local bodies, Panchayats, and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30days from the date of receipt.	Noted and will be complied.
iii.	The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted and complied
iv.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Noted, The project has monitor ambient & stack emissions the reports are enclosed as Appendix -VII & IX.
v.	The project proponent shall submit six-monthly	Noted and complied.



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	reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environmental clearance portal	
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules,1986, as amended subsequently and put on the website of the company	Noted and complied Form V is enclosed as the Appendix XX.
vii.	The project proponent 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, commencing the land development work and start of production operation by the project.	Noted.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
ix.	The project proponent shall abide by all the commitments and recommendations reading the EIA/EMP report commitment made during the Public hearing and also that during their presentation to the Expert Appraisal Committee.	Noted.
x.	No further expansion or modifications in the plan shall be carried out without prior approval of the Ministry of Environment, Forests, and Climate Change (MoEF&CC).	Noted, will be complied
xi.	Concealing factual data or submission of false fabricated data may result in revocation of this environmental clearance and attract action under all provisions of the environment (Protection) Act. 1986.	Noted.
xii.	The Ministry may revoke or suspend the clearance if	Noted.

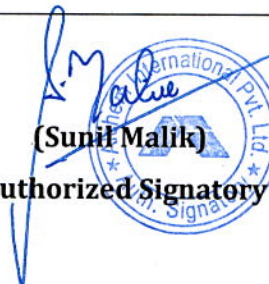
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	the implementation of any of the above conditions is not satisfactory.	
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company on a time-bound manner shall implement these conditions.	Noted being complied.
xiv.	The Regional Office of this Ministry shall monitor compliance with the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data for information monitoring reports.	Noted.
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted.
xvi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Date: 30.06.2021


(Sunil Malik)
Authorized Signatory

