Six Monthly Compliance Status Report

Annexure-1

Name of Project : Expansion of Multi- purpose/ Fluorospeciality Plant (3000TPA to 6000TPA), Installation of New Generation Refrigerants & Refrigerant blends Plant (9000TPA) and change in product mix of Chloromethanes and HFC-134 at village & P.O Jhiwana,Tehsil Tijara District Alwar, Rajasthan.

Project Code: Nil

Clearance Letter No.:F.No. J-11011/77/2015-1A II (I) dated 9th December 2016 and Corrigendum granted on 27.07.2024

Period of compliance Report: EC Applicability Period: October'25 to March '26

S. No.	Conditions	Compliance Status
A.	**SPECIFIC CONDITIONS :**	
(i)	As proposed, Central absorption system(CAS) and hypo system with scrubbers shall be installed in new generation Refrigerants & Refrigerant blends Plant and MPP/FSP Plant. The Scrubber water should be sent to ETP for further treatment, Efficiency of scrubber shall monitored regularly and maintained Properly. Scrubber vent shall be provided with on-line detection system and alarm system to indicate higher than permissible value of controlled parameters. At no time, The emission levels shall go beyond the prescribed standards. The system should be inter locked with the pollution control equipment so that in any case of any increase in pollutants beyond permissible limits, plant should be automatically stopped.	Being complied. Central absorption system(CAS) and hypo system with scrubbers are installed in all existing plants however as far as New Generation Refrigerants & Refrigerant Blends Plant are concerned, there is no need to install any such system. Existing scrubbers' water is being treated and quality of treated water is also maintained as per RPCB prescribed limits. Analysis of treated water is being done by our in-house NABL accredited lab and quarterly by MOEFCC approved lab. Test reports of Stack and Ambient air are attached as Annexure-2-& 3 and Annexure E1 to E-12 All stacks are also being monitored through on line detection and alarm system.
(ii)	LDO shall be used as fuel instead of furnace Oil.	Being complied. Use of FO has been stopped completely
(iii)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, Closed handling & conveyance of chemicals/materials multi cyclone separators and water sprinkler system. Dust suppression system including water sprinkling system shall be provided at loading and unloading area to control dust emission. Fugitives emissions in the work	Being Complied. Adequate control measures for checking fugitive emissions are already in place. Monitoring of fugitives are being done as per our schedule. Ambient air quality is being analysed by our in-house NABL accredited lab and quarterly by MOEFCC approved lab. Test reports of same are attached as Annexure-3 and Annexure E-1 to Annexure-E-4

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	zone environment, product raw material storages area etc. shall be regularly monitored and records maintained. The emissions shall conform to the limits stipulated by the SPCB.	
(iv)	A proper leak Detection and Repair (LDAR) Program shall be prepared and implemented as per CPCB guidelines. Focus shall be given for prevention of fugitive emissions for which preventive maintenance of pumps valve pipelines are required. Proper maintenance of mechanicals seals of pump and valves shall be given. A preventive maintenance schedule for each unit shall be prepared and adhered to.	Being Complied. A proper leak Detection and Repair (LDAR) Program is prepared and implemented as per CPCB guidelines. Focus is being given for prevention of fugitive emissions for which preventive maintenance of pumps, valves, pipelines are being done. Proper maintenance of mechanicals seals of pumps and valves are being done as per schedule. A preventive maintenance schedule for each unit is prepared and adhered to.
(v)	Company shall take all the measures in order to protect the machineries and equipment from ageing.	Being Complied. Preventive maintenance schedules for such machineries and equipment are in place for existing plants as well as for coming projects.
(vi)	Continuous monitoring system for chlorine, HCl, HF as well as VOCs shall be installed at all important places/areas.Effectives measures shall be taken immediately, when monitoring results indicate above the permissible limits. Alarm for chlorine leakage if any in the liquid chlorine storage area is provided along with automatic start of the scrubber system.	Being Complied. Continuous monitoring system for chlorine, HCl, HF as well as VOCs are installed at all important places/areas. Adequate & effective mitigation measures are also available. Alarm for chlorine leakage if any in the liquid chlorine storage area is provided along with automatic start of the scrubber system/ sprinkler system.
(vii)	The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollutions.	Being Complied. Adequate Stack height as per CPCB standards, attached to DG sets are provided. Acoustic enclosure are available. Noise monitoring is also being done on six monthly basis.
(viii)	Total water requirement from ground water source shall not exceed 2681 M3/day and prior permission should be obtained from the CGWA/SGWA.	Being complied. Currently water consumption is well below the CGWA permission i.e. 2225 M3 /Day.Water consumption from Oct'25 to March'26 is attached as Annexure-5. A copy of NOC from CGWA is attached as Annexure-9.NOC Renewal application was applied on 17.02.2026.

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(ix)	Industrial effluents generation shall not exceed 1100M3/day.As proposed,effluent shall be treated in the ETP.Treated effluent(700M3/day) will be recycled/reused in the process and treated effluents(400M3/day) will be used for greenbelt.No effluents should be discharges outside from the premises and zero liquid discharge should be maintained. Domestic sewage should be treated in STP.water quality of treated effluent should meet the norms prescribed by CPCB/SPCB.	Being Complied. Industrial effluents generation is under limit i.e. less than 1100M3/day. As proposed, effluent is being treated in the ETP. Treated effluent is being recycled/reused in the process and remaining treated effluents is being used for green belt. No effluents is being discharge outside from the premises and zero liquid discharge is being maintained. Domestic sewage is being treated in existing STP. Water quality of treated effluent met the norms prescribed by CPCB/SPCB. Details of water withdrawal during Oct'25 to March'26 and analysis reports of treated water are enclosed as an Annexure- 6. Treated water also being analyzed by the MOEFCC approved lab. Analysis report of Approved lab is attached as Annexure E-13 & E-14
(x)	Process effluent and waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond	Being Complied. We have separate system for collecting process effluent and storm water. Storm water drain is being passed through guard pond.
(xi)	Hazarodous chemicals shall bestored in tanks in tank farm, drums carbouy etc.Flame arresters shall be provided on tank farm . Solvent transfer shall be by pumps.	Being Complied. Hazardous chemicals are being stored in tanks in tank farms, drums, carbouys etc. Flame arresters are provided on tank farm. Solvent transfer is being done by pumps.
(Xii)	The company shall obtain Authorisation for collection, storage and disposal of hazardous waste under the hazardous Waste (Management, Handling and trans-Boundary movement) Rules, 2008 and amended as on date for management of hazardous waste and prior permission from RSPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.	Being Complied. Company has obtained Authorisation for collection, storage **a**nd disposal of hazardous waste under the hazardous Waste (Management, Handling and trans-Boundary movement) Rules, 2016 and amended as on date for management of hazardous waste and prior permission from RSPCB is obtained for disposal of solid/hazardous waste in the TSDF. Adequate measures are taken for fire-fighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal is obtained. Hazardous waste are being disposed off as per the Conditions specified in RPCB letter no. F(HSW)/Alwar (Tijara)/7114(1)/2022-2023/1549-1551 dated 28.08.2024 with authorisation number RPCB/HWM/2024-2025/CD/HSW/9.. Hazardous waste quantity disposed during Oct'25 to March'26' is attached as Annexure-4. A copy of membership of CTDF Udaipur is also attached as Annexure-8
(xiii)	The company shall strictly comply with the rules and guidelines under manufacture, Storage and Import of Hazardous Chemicals(MSIHC) Rules.1989 as amended in October,1994 and January,2000.Transportation of all Hazardous chemicals shall be as per the Motor Vehicle Act(MVA),1989.	Being Complied., Company is complying the conditions of MSHIC rules and Transportation of all Hazardous chemicals is being done as per the Motor Vehicle Act(MVA),1989.

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(xiv)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	Being Complied, We have provided adequate protection against possible fire hazards. Well-equipped firefighting systems are in place and fire NOC from fire department is also obtained.
(xv)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Being Complied. Occupational health surveillance of the workers is being done on a regular basis and records are maintained as per the Factories Act.
(xvi)	All the recommendation made in the risk assessment report should be satisfactorily implemented.	Being Complied. All the recommendations made in the risk assessment report are satisfactorily implemented.
(xvii)	As proposed, green belt over 12.2 ha. Of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Being Complied, Green belt over 12.2 ha. of the total project area is developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area in downward direction, and along road sides etc. Selection of plant species has been done as per the CPCB guidelines in consultation with the DFO.
(xviii)	All the commitments made during the public Hearing/public Consultation meeting held on 5th February,2016 shall be satisfactorily implemented and adequate budget provision should be made accordingly. Company shall carry out CSR activity in Jhiwana and Banban Villages.Activity should include orchard creation, cattle , woman welfare, road creation of health centre, training centre for unemployed people, facility for seed distribution etc.	Being Complied. All the commitments made during the public Hearing/public Consultation meeting held on 5th February,2016 are being implemented satisfactorily and adequate budget provision is made accordingly. Company carry out CSR activities in Tjara Block including Jhiwana and Banban Villages. Our CSR includes orchard creation, cattle , woman welfare, road creation of health centre, training centre for unemployed people, facility for seed distribution etc.
(xix)	An Amount as required as per public hearing shall be embarked towards the enterprise social commitment (ESC) based on local needs and action plan with financial and physical break up/details shall be prepared and submitted to the Ministry's Regional office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner.	Being Complied. All the requirements raised during public hearing are being met through our CSR activities.
B.	**GENERAL CONDITIONS :**	
(i)	The project authorities shall strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board (RSPCB).State Government and any other statutory authority.	Noted.
(ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations 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 environmental protection measures required, if any.	Noted that no further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.

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(iii)	The locations of ambient air quality monitoring station shall be decided in consultation with RSPCB and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Being Complied. Ambient air quality monitoring stations have been set up in the down wind direction as well as where maximum ground level concentration are anticipated in consultation with the RSPCB.
(iv)	The overall noise levels in and around the plant area shall be kept well within the standards 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).	Being Complied. Adequate Noise Control measures have been provided. Acoustic enclosures are provided at high noise level area e.g. DG set area. However Ear plug/ muff being used as a precautionary measures Ambient Noise monitoring is being done on six monthly basis to ensure & confirm the noise level is well within the prescribed standard. Analysis report is attached as an annexure -7
(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	Being Complied, We have embarked upon a major NRM Project for integrated water development program in Tijara block i.e. in villages Gawalda, Alapur, Milakpur Turk, Palpur, Sirohi Kalan, Kidarpur, Bagod and others. As a part of this project, we have constructed 208 and earthen dams locally called paals for rain water harvesting and ground water recharge. Currently 161 paals are active.Roof-top rain water harvesting system of the main buildings inside factory premises also created.
(vi)	Training shall be imparted to all employee 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.	Being Complied, Training is being imparted to all employees on safety and health aspects on safe chemicals handling. Pre-employment and routine periodical medical examinations for all employees is being undertaken on regular basis. Training to all employees on handling of chemicals is being imparted on regular basis.
(vii)	Usage of personnel Protection Equipment by all employee/worker shall ensured.	Being Complied. Usage of personnel Protective Equipment by all employees/workers is being ensured.
(viii)	The company shall also comply with all the environment protection measures and safeguards proposed in the project report 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.	Being Complied. Company is also complying with all the environment protection measures and safeguards proposed in the project report 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 are implemented.

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(ix)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Being Complied. Company has already undertaken CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area are being taken care.
(x)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Being Complied. Company has undertaken eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
(xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set to carry out the environmental Management and monitoring functions.	Separate Environment cell exists for ensuring compliance with respect to the consent conditions, supported by well equipped (NABL accredited) laboratory. Hierarchy of Management cell is attached as Annexure-10
(xii)	The company shall earmark sufficient funds for recurring cost per annum to implement the 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 earmarked for environmental management/pollution control measures shall not be diverted for any other purpose.	Being Complied. The company has earmarked sufficient funds for recurring cost per annum to implement the 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 earmarked for environmental management/pollution control measures is not being diverted for any other purpose.
(xiii)	A copy of the clearance letter shall be sent by the project proponent to concerned panchayat, Zila Praisad/Municipal corporation, Urban local Body and the local NGO ,If any, from who suggestion/representations if any were received while processing the proposal.	A copy of the clearance letter has already been sent by the project proponent to concerned panchayat, Zila Praisad/Municipal corporation, Urban local Body and the local NGO ,If any, from whose suggestion/representations if any were received while processing the proposal.
(xiv)	The project proponent shall also submit six monthly reports on the status of compliances of the stipulated Environmental Clearance conditions including results of monitored data(both in hard copied as well as by Email) to the respective Regional office of MoEF, the respective Zonal Office of CPCB and the Rajasthan State Pollution Control Board. A copy of Environmental Clearance and six monthly compliances status report shall be posted on the website of the company.	Being Complied. Six monthly compliance of EC condition is being submitted (both in hard copied as well as by E-mail) to the respective Regional office of MoEFCC, the respective Zonal Office of CPCB and the Rajasthan State Pollution Control Board. A copy of Environmental Clearance and six monthly compliances status report is also being posted on the website of the company.

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(xv)	The environmental statement for each financial year ending 31st March in Form -V as is mandated shall be submitted to the Rajasthan 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 compliances of environmental clearance conditions and shall also be sent to the Lucknow Regional Offices of MoEF by e-Mail	Being Complied. The environmental statement for each financial year ending 31st March in Form -V as is mandated is being submitted to the Rajasthan State Pollution Control Board as prescribed under the environment (Protection) Rules,1986, as amended subsequently, also being put on the website of the company along with the status of compliances of environmental clearance conditions and also being sent to the Regional Offices of MoEFCC by e-Mail.
(xvi)	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 SPCB/committee and may also be seen at website of the ministry at www.moef.nic.in.This shall be advertised within seven days from the date of issue of the clearance letter, at least 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 copy of the same shall be forwarded to the concerned Regional office of the ministry.	The project proponent has already been informed the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/committee and may also be seen at website of the ministry at www.moef.nic.in.This has also been advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one is in the vernacular language of the locality concerned and copy of the same has already been forwarded to the concerned Regional office of the ministry.
(xvii)	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 the project.	Being Complied. The project has been completed accordingly CTO have been taken from RPCB .
7.0	The Ministry may revoke or suspend the clearance, If implementation of any of above conditions is not satisfactory.	Noted that the Ministry may revoke or suspend the clearance, If implementation of any of above conditions is not satisfactory.
8.0	The ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted that the ministry reserves the right to stipulate additional conditions, if found necessary.
9.0	The above conditions will be enforced, inter-alia under the provisions of the water (Prevention& Control of pollution) Act 1974,Air(Prevention & control of water Pollution) Act1981, The Environment (protection) Act,1986 Hazardous Waste(Management, Handling and trans-boundary Movement) Rules,2008 and the public liability insurance Act,1991 along with their amendments and rules.	Noted and being complied.

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New Condition as per Corrigendum issued on 27.07.2024		
a	All the hazardous waste shall be managed and disposed as per the Hazardous and Other Wastes(Management and Transboundary Movement) Rules, 2016	Noted and being complied
b	Fly ash shall be collected in silo and sent to brick manufacturers or cement manufacturers	Noted and being complied
c	Rice husk shall be stored in covered area to avoid fugitive emissions	Noted and being complied

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