

To
Additional Principal Chief Conservator of Forests(C),
Ministry of Environment, Forests and Climate Change,
Integrated Regional Office - Chennai,
1st Floor, Additional Office Block,
Shastri Bhavan, Haddows Road,
Nungambakkam, Chennai-600006.

Dear Sir,

Sub: - Compliance Status of the conditions stipulated in the Environmental Clearance

(Period - April 2025 to September 2025)

Ref: - 1. EC Identification No. EC22A021TN168846

2. File No. J-11011/156/2008-IA-II(I) dated 06-10-2022

Manali Petrochemicals Limited – Plant – II – PG expansion EC Compliance Report

Compliance Statement of EC conditions		
A.	Specific Conditions	Compliance Status
(i)	The PP shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for Industry operations, of air pollution viz. PM ₁₀ , PM _{2.5} , NO ₂ , CO and SO ₂ etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of process emission, transportation, use of DG Set and use of any machinery in the impact zone. The ambient air quality shall also be monitored at prominent places as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the Industry.	Complied. As per the requirements, based on long term climatological data about wind direction, the installation and commissioning of the 3 (three) Ambient Air Quality (AAQ) Monitoring Stations viz. 1 (one) in upwind and 2 (two) in downwind directions were successfully completed during Dec-2024. AAQ monitoring also has been carried out by MPL In-house laboratory at prominent places within the site as per the site condition so as to ascertain the exposure characteristics at specific places. The downwind direction data from one monitoring station has been digitally displayed. The data from the remaining stations will also be digitally displayed within a short period, tentatively after establishing connectivity with the PCB server, in front of the main gate of the industry. In the existing unit, District Environment Laboratory (DEL)-Manali of TNPCB is carrying out the AAQ survey every year and the same will be continued after expansion.
(ii)	The PP shall ensure that effective fugitive emission control measures should be imposed in the process, transportation, packing etc. and wherever possible, the transportation of materials is through rail/conveyor belt.	Being complied. The following effective fugitive emission control measures are already available in the existing unit and the same will be followed after expansion. <ul style="list-style-type: none"> • Provision of double mechanical seals in all the hydrocarbon pumps. • All the raw material and product tanks are under Nitrogen blanketing. • Purge gas from the process is used in boiler as fuel and not flared. • Continuous TVOC emission detectors are provided in appropriate locations to

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		<p>monitor and control fugitive emission and online connected to TNPCB- CAC.</p> <ul style="list-style-type: none"> • In the existing unit, District Environment Laboratory (DEL)-Manali of TNPCB is carrying out the TVOC survey every year and the same will be continued after expansion. • Existing Plant is operated through DCS and the same will be continued after expansion. • Emission control measures will be ensured in the expansion facility also.
(iii)	<p>Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident, such as road, loading, unloading and transfer points. The fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's/ machineries and preventive maintenance. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC/Central Pollution Control Board.</p>	<p>Being complied</p> <p>Regular water sprinkling is being carried out at roads, loading, unloading and transfer points as an effective safeguard measure in the existing unit and the same will be continued after expansion also.</p> <p>AAQMS & Continuous TVOC emission detectors are provided in appropriate locations to monitor and control fugitive emission and online connected to TNPCB-CAC. In the existing unit, District Environment Laboratory (DEL)-Manali of TNPCB is carrying out the AAQ & TVOC survey every year</p>
(iv)	<p>The PP shall explore the possibility of use of best available technology for the plant if any and submit a report every year to IRO, MoEF&CC. In case of availability of such technology the PP shall take necessary steps for the implementation of the same including amending the EC.</p>	<p>Being complied.</p> <ul style="list-style-type: none"> • The technology selected for the expansion is the best available. • In existing plant, the plant operates via a Distributed Digital Control System (DCS), ensuring centralized monitoring and control of all processes. • The facility has achieved full automation, streamlined operations and enhanced efficiency. • Safety interlocks function through a Programmable Logic Controller (PLC), automatically initiating shutdowns when critical parameters are exceeded • Energy consumption is minimized by implementing pinch technology and utilizing the latest energy-efficient drives. • The above same also will be continued after expansion plant.
(v)	<p>The PP shall carry out assessment of the carrying capacity of transportation load on roads inside the industrial premises every year and based on the assessment report take necessary measures including widening of the roads.</p>	<p>Being complied.</p> <p>Sufficient road space is available within the site for the existing and expansion units. The width of Existing Road is 6 m which is adequate for transportation of loads for the existing and as well as the expansion requirements. However, as stipulated in the condition, the assessment of the carrying capacity of transportation load on roads within the industrial premises will be carried out every year. Based on the assessment</p>



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		report, necessary measures will be taken, including widening of the roads if any.
(vi)	The PP shall prepare a detailed rainwater harvesting plan within a period of 6 months so that unit may become water positive. The study report shall be submitted to IRO, MoEF&CC and submit the quantity of rainwater harvested to before IRO, MoEF&CC before 1st July of every year for the rainwater harvested during the previous year.	<p>Being Complied.</p> <p>Rainwater harvesting has already been carried out at Drumming plant. Roof top rainwater harvesting provision is being carried out at the following places viz.</p> <ol style="list-style-type: none"> 1) Main substation building, 2) Quick lime storage shed, 3) Chlorine Tonner shed, 4) Raw material storage shed. <p>A study report will be submitted to the IRO, MoEF&CC before 1st July of every year with the details of quantity of rainwater harvested during the previous year.</p>
(vii)	The PP shall ensure that dumping of waste, if any, is strictly as per designated locations approved by SPCBs/PCCs.	<p>Being complied</p> <p>The municipal wastes generated is presently being disposed to corporation recycle yards and the same will be continued after expansion.</p> <p>The hazardous wastes generated viz. Spent Oil and ETP sludge are being disposed to TNPCB authorized recyclers and TSDF facility operated by TNWML, Gummidipoondi respectively in the existing unit and the same will be followed after expansion. There is no additional ETP sludge generation from the expansion unit.</p> <p>The Spent Oil quantity which will be generated from the expansion and which is being generated in the existing units, will be disposed to TNPCB authorised recyclers. The combined quantity is within the TNPCB approved quantity, as per the HWA issued under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 vide HW Authorization No. 22HFC28359666, dated 31.01.2022 valid up to 31.03.2026.</p>
(viii)	The PP shall ensure regular auditing of the compliance of the EC conditions by a Third Party annually and the audited report needs to be submitted to IRO, MoEF&CC.	<p>Being Complied.</p> <p>The existing EC conditions are already audited by the Third Party Annually. Similarly, as per the condition, the annual audit for the compliance of the EC conditions will be carried out by a Third Party and the audited report will be submitted to IRO, MoEF&CC. (ro.moefcc.gov.in.) by e- mail.</p>
(ix)	The PP shall ensure the use of cleaner fuel R-LNG with a stack height of 30 m for controlling the particulate emissions within the statutory limit of 115 mg/Nm ³ for the proposed 30 TPH boiler and submit a report within a year to IRO, MoEF&CC before 1 st July of every year for the activities carried out during the previous year.	<p>Agreed to Comply.</p> <p>The proposed boiler will be commissioned during Q1 of FY 2026-27 using R-LNG as fuel. From 1st February 2025, the unit has started using R-LNG as fuel in the existing boilers by discontinuing the use of Fuel Oil.</p>



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(x)	<p>The budget earmarked for the Corporate Environment Responsibility (CER) is ₹ 0.9375 Crores which will be spent on need-based approach in consultation with the District Collector of Thiruvallur District. The budget earmarked for CER shall be kept in separate account and should be audited annually. The PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of activities carried out, amount spent etc. to the IRO, MoEF&CC before 1st July of every year for the activities carried out during the previous year.</p>	<p>Being Complied. For the previous year, the detailed audited statement, along with supporting documents such as photographs (before and after, with geo-location, date, and time), details of activities carried out, amount spent, etc. has already been submitted in the previous six-monthly compliance statement.</p>
(xi)	<p>The PP shall develop additional Greenbelt by planting 14215 number of trees considering 70% survival rate within a period of one year from the grant of EC. The saplings selected for the plantation should be of sufficient height, preferably 6-ft (about 2 m). In addition to this, the budget earmarked for the plantation shall be kept in separate account and should be audited annually. The PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geo-location date & time), details of the expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.</p>	<p>Being Complied. The additional greenbelt development was completed by planting 14,215 trees over an area of 15 acres allotted by Thirunilai Panchayat, Cholavaram Union, Ponneri Taluk, during October 2023. For the previous year, the detailed audited statement, along with supporting documents such as photographs (before and after, with geo-location, date, and time), details of activities carried out, amount spent, etc. has already been submitted in the previous six-monthly compliance statement.</p>
(xii)	<p>A separate Environmental Management Cell (having qualified persons with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full- fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. The PP shall engage Plant Head-Head EHS- Assistant Manager- safety and Environment, Executives. In addition to this one safety & health officer as per the qualification given in Factories Act 1948 shall be engaged within a month of grant of EC. The PP should annually submit the audited statement of amount spent towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.</p>	<p>Being Complied. A separate Environmental Management Cell (EMC) (having qualified persons with Environmental Science/Environmental Engineering/Specialization in the project area) equipped with full- fledged laboratory facilities are already in place to carry out the Environmental Management and Monitoring functions. In the EMC, Plant Head- Head EHS- Manager- Safety and Environment, Executives are engaged. In addition to this, one safety & health officer as per the qualification given in Factories Act 1948 is engaged. For the previous year, the detailed annual audited statement for the amount spent towards the engagement of qualified personnel in the Environmental Management Cell (EMC), along with details of the personnel engaged, has already been submitted in the previous six-monthly compliance statement.</p>



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(xiii)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. The budget proposed under EMP is ₹1411 Lakh (Capital cost) and ₹677 Lakh (Recurring cost) shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo-location date & time) and other document as applicable to the Regional Office of MoEF&CC before 1 st July of every year for the activities carried out during the previous year.	Being Complied. The Company has complied with all the environmental protection measures and safeguards as proposed in the documents submitted to the Ministry. All recommendations made in the EIA/EMP with respect to environmental management and risk mitigation measures relating to the project are being implemented. For the previous year, the detailed annual audited statement on the Environmental Management Plan (EMP) budget utilization for the expansion project has already been submitted as part of the earlier six-monthly compliance report."
(xiv)	The total water requirement will be 3247 KLD for existing facility and additional requirement of 810 KLD for the proposed expansion will be met from Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB). The PP should ensure that water supply should not be above the permissible limit as mentioned in the letter and fresh water shall be withdrawal only after obtaining valid agreement from Concerned Authority. The PP should submit the details of utilization to the Integrated Regional Office (IRO), MoEF&CC before 1 st July of every year for the activities carried out during the previous year.	Being Complied. The total water requirement will be 3247 KLD for existing facility and additional requirement of 810 KLD for the proposed expansion will be met from Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB). The water supplied will not be above the permissible limit as mentioned in the letter and fresh water will be withdrawn only after obtaining valid agreement from Concerned Authority The details of utilization will be submitted to the Integrated Regional Office (IRO), MoEF&CC before 1 st July of every year for the activities carried out during the previous year.
(xv)	No banned chemicals shall be manufactured by the PP. No banned raw materials shall be used in the unit. The PP shall adhere to the notifications/guidelines of the Government in this regard.	Complied. No banned chemicals are being manufactured in the unit and will not be manufactured in the Expansion facility also. No banned raw materials are being used in the unit and will not be used in the Expansion facility also. The notifications/guidelines of the Government issued in this regard shall be adhered.
(xvi)	The PP shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Complied. R-LNG supplied from IOCL, Ennore Terminal is being used as fuel in boilers since Feb-2025.
(xvii)	The PP shall comply with the environment norms for Pharmaceuticals/Bulk Drugs Industry as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 541(E), dated 06.08.2021 under the	Being Complied. The environment norms for Pharmaceuticals/Bulk Drugs Industry as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 541(E),



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	provisions of the Environment (Protection) Rules, 1986.	dated 06.08.2021 under the provisions of the Environment (Protection) Rules, 1986 is being complied.
(xviii)	All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The PP shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.	Complied. We have prepared the Onsite & Offsite emergency plan as prescribed under the rules and guidelines issued in the MSIHC Rules, 1989 and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996. Copies of the Onsite and Offsite Emergency Plans have been submitted to the DISH office, and approval has been obtained.
(xix)	The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.	Being complied. The following effective fugitive emission control measures are already available in the existing unit and the same will be followed after expansion. <ul style="list-style-type: none"> • Provision of double mechanical seals in all the hydrocarbon pumps. • All the raw material and product tanks are under Nitrogen blanketing. • Purge gas from the process is used in boiler as fuel and not flared. • Continuous TVOC emission detectors are provided in appropriate locations to monitor and control fugitive emission and online connected to TNPCB- CAC. • In the existing unit, District Environment Laboratory (DEL)-Manali of TNPCB is carrying out the TVOC survey every year and the same will be continued after expansion. • Existing Plant is operated through DCS and the same will be continued after expansion. • Emission control measures will be ensured in the expansion facility also.
(xx)	The PP shall explore possibilities for recycling and reusing of treated water in the unit to reduce the freshwater demand and waste disposal.	Complied. Sewage Treatment Plant (STP) of capacity 20 KLD to treat the sewage generated had been installed. The treated water from the STP has been reused for green belt so as to reduce the freshwater demand and waste disposal. RO unit of capacity 400 KLD is installed to treat the cooling tower blow down, boiler below down and the DM plant regeneration effluent. The RO permeate will be reused for industrial usage so as to reduce the freshwater demand and waste disposal. The RO rejects will be treated along with the process effluent in the existing Effluent treatment plant.

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(xxi)	As already committed by the PP, Zero Liquid Discharge shall be ensured based on the outcome of study conducted by NEERI. Effluent of 2556 KLD will be treated through Effluent Treatment Plant and disposed to sea after meeting the prescribed standards.	Being Complied As directed by the Hon'ble National Green Tribunal (NGT), the study to ascertain the feasibility of implementing Zero Liquid Discharge (ZLD) in a phased manner has been awarded to CSIR-NEERI. We have received the interim report of the field monitoring study carried out at the respective Effluent Treatment Plants (ETPs) during the second week of September 2025. As per the recent communication with CSIR-NEERI, the stage-wise study reports are expected to be submitted starting from August 2025. Upon receipt of the final report from CSIR-NEERI, the same will be technically evaluated, and implementation will be taken up within a period of 18 months subject to the outcome of the study and after due technical evaluation of the NEERI recommendations.
(xxii)	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB servers. For 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.	Partially complied. A continuous online (24 × 7) monitoring system is already in place for the boiler stack emissions and effluent, and the data is being transmitted to the CPCB and SPCB servers. Installation of the flue gas discharge flow meter and establishment of connectivity with the CPCB and SPCB servers will be completed. There is no additional stack proposed for the expansion unit. Flow meters have already been installed in the effluent pipeline. A web camera with night-vision capability will be installed within the premises.
(xxiii)	The storage of toxic/hazardous raw material shall be bare minimum with respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.	Being Complied. The storage of toxic/hazardous raw material will be bare minimum with respect to quantity and inventory. The details regarding Quantity and days of storage has been submitted to the Regional Office of Ministry and SPCB along with the compliance report.
(xxiv)	The occupational health center for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Being Complied. The occupational health center for surveillance of the worker's health is already in place. All workers & employees are provided with required safety kits/mask for personal protection in the existing unit and the same will be continued for the expansion unit. The health data are being used in deploying the duties of the workers in the existing unit and the same will be continued for the expansion unit.
(xxv)	Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly	Being Complied. Training is being imparted to all employees (including new employees) on safety and health aspects for handling chemicals. Safety and visual reality training is also provided to employees. Action plan for mitigation

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	implemented based on the safety and risk assessment studies.	measures is properly implemented based on the safety and risk assessment studies for the existing unit. The same will be made available in the Expansion facility also.
(xxvi)	The unit shall make the arrangement for the protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	Complied. MPL has a well laid individual Fire Water pumping system with Jockey pumps, Main motor driven pumps and Diesel engine driven pumps. Fire hydrant header runs throughout the plant, covering the entire MPL plant with sufficient number of hydrants and monitors. MPL has its own 1 No. of Fire Tender having water, foam and DCP extinguishing facility. Arrangement for the protection of possible fire hazards during the manufacturing process in material handling is already in place. Fire-fighting system is kept as per the norms for the existing unit. The same will be implemented for the Expansion also.
(xxvii)	The solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.	Complied. As per the stipulated condition, appropriate solvent management system is already available in existing plant operation itself.
(xxviii)	The storm water from the roof top shall be channelized through pipes to the storage tank constructed for harvesting of rainwater in the premises and harvested water shall be used for various industrial processes in the unit. No recharge shall be permitted within the premises. Process effluent/ any wastewater shall not be allowed to mix with storm water.	Complied. Roof top rainwater harvesting provision is being carried out at the following places viz. 1) Main substation building, 2) Quick lime storage shed, 3) Chlorine Tonner shed, 4) Raw material storage shed.
(xxix)	The PP 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	Complied. As per the stipulated condition, appropriate Waste minimization measures are already available in existing plant operation itself The company a undertake following Waste Minimization measures: • Mass flow meters will be installed to measure the quantity of active ingredients.



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	pressure-hoses for equipment cleaning to reduce wastewater generation.	<ul style="list-style-type: none"> • Re-use of by products as raw material substitutes in other processes will be done. • Use of automated filling machine will be ensured to minimize spillage. • Use of "Closed Feed" system into batch reactors and venting equipment through vapour recovery system. <p>Use of high pressure-hoses for equipment cleaning will be ensured to reduce wastewater generation.</p>
(xxx)	The raw material Propylene and the proposed boiler fuel R-LNG shall be transferred through pipeline from CPCL refinery and IOCL LNG terminal, Ennore respectively. Further, the PP shall explore the transportation of all other materials by rail/conveyor belt, wherever feasible and submit a report to IRO, MoEF&CC within 6 months.	<p>Being Complied.</p> <p>The raw material Propylene is being transferred through pipeline from CPCL refinery in the existing unit. The boiler fuel R-LNG is being transferred through pipeline from IOCL LNG terminal, Ennore. Further exploration will be made to check the feasibility of transfer of all other materials by rail/conveyor belt and a report will be submitted to IRO, MoEF&CC within 6 months.</p>
(xxxi)	In addition to the 40% green belt, the PP shall develop greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc. for the benefit of local environment and people.	<p>Complied.</p> <p>In addition to the 40% green belt, green belt has been developed outside the project premises in the form of avenue plantation for the benefit of local environment and people via Manali industries Association & GCC, Manali.</p>
(xxxii)	The sewage shall be treated in the proposed STP and the treated water shall be reused for the green belt.	<p>Complied.</p> <p>The STP of capacity 20 KLD is under operation to treat the generated sewage. The treated water is being reused for the green belt.</p>
B.	General Conditions	Compliance Status
(i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	<p>Agreed to Comply.</p> <p>No further expansion or modification in the plant other than mentioned in the EIA will be carried out without prior approval from The Ministry of Environment, Forests and Climate Change/SEIAA as applicable.</p> <p>A fresh reference will be made by the unit to the Ministry/SEIAA to assess the adequacy of conditions imposed and to add additional environmental protection measures required in case of any deviations or alterations in the project proposal.</p>
(ii)	The Project proponent shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996,	<p>Complied.</p> <p>We undertake to strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended from time to time; the Chemical Accidents (Emergency Planning,</p>



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	and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.	Preparedness and Response) Rules, 1996; the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016; and all other applicable rules notified under various Acts.
(iii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Complied. The lightings have already been converted to LED based in the existing unit. In the expansion facility also, the energy source for lighting purpose is LED based lightings, which will enable energy conservation and environment betterment. LED lightings are installed in the expansion facility.
(iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	Being Complied. Noise levels in and around the plant area are within the prescribed standards of 75 dBA (daytime) and 70 dBA (night-time) in the existing unit. Ambient noise level is being monitored through TNPCB District Environment Laboratory (DEL) – Manali once in a year. In the expansion facility also, the overall noise levels in and around the plant area will be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Ambient Noise level survey will be carried out every month by internal lab and once in a year by District Environmental Laboratory, TNPCB. The ambient noise levels will conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night-time).
(v)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Being Complied. The company has already taken up various measures to improve the socio-economic conditions of the surrounding area. The company will continue to undertake all relevant measures for improving the socio-economic conditions of the surrounding area and eco-developmental measures including community welfare measures in the project area through CER/CSR activities by involving local villages and administration.
(vi)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Being Complied. The company has earmarked sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/



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		pollution control measures will not be diverted for any other purpose.
(vii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	<p>Complied.</p> <p>The points of representation received by the MoEF&CC, New Delhi during processing of the proposal was shared to us vide mail dated 04-07-2022. The reply for respective points of representation with relevant justification were submitted by us to the Ministry on 07-07-2022. The points were evaluated during the 35th Expert Appraisal Committee (EAC) meeting of Industry-3 sector held on 28-07-2022.</p> <p>In the Minutes of 35th EAC meeting issued on 11-08-2022, it was mentioned that the relevant justification given by us for the respective points of representation were found to be satisfactory at Page No. 16, Environmental Clearance was granted by the MoEF&CC, New Delhi on 06-10-2022. The copy of clearance letter is available at the Website of the Ministry (https://parivesh.nic.in/)</p>
(viii)	The project proponent shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	<p>Being Complied.</p> <p>We undertake to upload/ submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB.</p> <p>A copy of Environmental Clearance and six-monthly compliance status report posted on the website of the company and screenshot of web page is enclosed as ANNEXURE</p>
(ix)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned 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 compliance of environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.	<p>Being Complied.</p> <p>The environmental statement for each financial year ending 31st March in Form-V as is mandated has been submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently for the existing unit. Copy of the same will be uploaded on the website of the company along with the status of compliance of environmental clearance conditions and will also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.</p>
(x)	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 and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of	<p>Complied.</p> <p>The environmental clearance was granted by the MoEF&CC, New Delhi on 06-10-2022. We have informed about the grant of environmental clearance by the Ministry through advertisement in two local newspapers which are widely circulated in the region viz. The New Indian Express (in</p>



Manali Petrochemicals Limited

	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 a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	English) and The Hindu Tamil (in Tamil, vernacular language of the locality), both dated 08-10-2022, which is within seven days from the date of issue of the clearance letter and the same was submitted with previous compliance report. The details were forwarded to the Integrated Regional Office (IRO), Chennai vide letter dated 12-10-2022.
(xi)	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.	Complied. The Project was granted Consent to Establish by the TNPCB on 14.02.2023, The Consent To Operate for expansion facility granted by TNPCB on 24-07-2025. Pre-commissioning activities carried out till end of Sep-2025. Date of start of project commissioning activities scheduled in Oct-2025. The details of financial closure will be informed after completion of financial audit scheduled for Q4 of FY 2025-26.
(xii)	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed to comply. Noted. We agree to comply with the same.

Hope, we have submitted the details required by you and if you require any further information we are ready to furnish the same.

Thanking you,
Yours faithfully,
For **MANALI PETROCHEMICALS LIMITED**



T Thangasagaran

Assistant Vice President - Projects & Technical Services



Copy to:-

- 1) The Member secretary, 76, Mount Road, Guindy, Chennai - 600 032
- 2) The Joint Chief Environmental Engineer (M), Arumbakkam, Chennai - 600 106

Manali Petrochemicals Limited

Expansion Activity status report – MPL – Plant – II as on Sep -2025

Propylene Glycol plant

1. Consent To Establish obtained from TNPCB on 14.02.2023.
2. 100% of Detailed Engineering activities is completed.
3. 100 % of Civil Construction, Equipment Erection, Pipelines erection, Electrical & Instrument Panels erection /Cables laying activities completed
4. Pre-commissioning job are completed , like
 - i) Mechanical completion checks,
 - ii) Cleaning, flushing, blowing, drying of pipelines
 - iii) Hydrostatic and pneumatic pressure testing,
 - iv) Electrical continuity and insulation resistance tests
 - v) Instrument loop checking and calibration
 - vi) Functional testing of safety interlocks and alarms
 - vii) Cold commissioning (running equipment without process material)
 - viii) Verification of P&IDs, drawings, and as-built documents
 - ix) HAZOP / safety reviews and punch point clearance
 - x) EHS inspections.
5. Consent to Operate (Expansion) is applied to TNPCB on 16.05.2025 and obtained from TNPCB on 24.07.2025 .
CTO(Expansion) Authorization no: 2507166747720 DATED: 24/07/2025, valid up to 31.03.2030.
6. Commissioning scheduled in Oct-2025

[Handwritten signature]



manalipetro.com/statutory-information/

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MANALI
PETROCHEMICALS

ABOUT US

INNOVATION & SUSTAINABILITY

INVESTORS

MEDIA

CAREERS

CONTACT

Statutory information

Manali Petrochemicals Limited., Plant II – PG Expansion EC Six Monthly Compliance Report with Annexure (Period – Oct-24 to Mar-25)

Manali Petrochemicals Limited., Plant II – PG Expansion EC Six Monthly Compliance Report with Annexure (Period – Apr-24 to Sep-24)

Manali Petrochemicals Limited., Plant II – PG Expansion EC Six Monthly Compliance Report with Annexure (Period – Oct-23 to Mar-24)

Manali Petrochemicals Limited., Plant II – PG Expansion EC Six Monthly Compliance Report with Annexure (Period – Apr-23 to Sep-23)

Manali Petrochemicals Limited., Plant II – PG Expansion EC Six Monthly Compliance Report with Annexure (Period – Oct-22 to Mar-23)

Manali Petrochemicals Limited., Plant II – EC for Expansion of PG Unit – Oct. 2022.

CRZ Clearance Compliance Report – Apr. 2025 – Sep. 2025 Letter Dated 13th Oct. 2025

CRZ Clearance Compliance Report – Oct. 2024 – Mar. 2025 Letter Dated 26th May. 2025

CRZ Clearance Compliance Report – Apr. 2024 – Sep. 2024 Letter Dated 5th Dec. 2024

CRZ Clearance Compliance Report – Oct-23 to Mar-24 Letter Dated 28th May. 2024