

Six Monthly Compliance Report
Part - I: DATA SHEET

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| 1 | Project Type: River-valley/ Mining / Industry / Thermal / Nuclear/other (specify) | Industry (Paint Manufacturing) |
| 2 | Name of the project | Asian Paints Limited |
| 3 | Clearance Letter(s)/OM No. and date | 2009/113/CR.164/TC1 |
| 4 | Location | Plot No. A1, MIDC Khandala, Phase - I, Taluka - Khandala |
| | a. District(s) | Satara |
| | b. State(s) | Maharashtra |
| 5 | Address for correspondence | Plot No. A1, MIDC Khandala, Phase - I, |
| | a. Address of the Concerned Project Chief Engineer (With Pin Code & Telephone/Telex/Fax Numbers) | Talukar: Khandala, District : Satara, PIN : 412802 |
| | Salient Features | Construction has been completed and the project is in Operation since 2013 |
| 6 | a. of the project | Paint Manufacturing unit with the installed capacity of 3,00,000 KL per annum for Water Based and Solvent Based Paint |
| | b. of the environmental management plans | Effluent Treatment Plant has been setup with the peak capacity of 180 KLD. Environment Parameter Monitoring is done by external McEF approved lab. Non-Recyclable material/Hazardous Waste Disposal is sent to authorized facility. Air, Noise, stack and Workplace Monitoring are done on regular basis and the parameters are within the consent limit. |
| 7 | Breakup of the project area | Construction has been completed and the project is in Operation from March 2013 |
| 8 | a. Project cost as originally planned and subsequent revised estimates and the year of price reference | 1071.63 crores, Project is in the Operation phase now. |
| | b. Allocation made for environmental management plans with item wise and year wise break up. | Hazardous Waste Treatment and Disposal - 1.21 Cr Environment Parameter Testing - 23.35 Lacs Effluent Treatment Cost - 22 Lacs Green Belt Maintenance Cost - 45 Lacs |
| | c. Benefit cost ratio / Internal Rate of Return and the year of assessment | |
| 9 | d. Whether e. includes the cost of environmental management as shown in the above | |
| | a. Date of commencement (Actual &/ or Planned) | in FY 22-23, the expenditure on Environment Management System (Hazardous Waste Management - Environment Parameter Testing + Effluent Treatment Cost + Green Belt Maintenance Cost) is 1.89 Cr |
| | b. Date of completion (Actual &/ or Planned) | Not applicable |
| 10 | a. The status of approval for diversion of forest land for non-forestry use | |
| | b. The status of clearing felling | |
| | c. The status of compensatory afforestation, if any | |
| 11 | The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads), if any, with quantitative information required. | |
| | Status of construction (Actual &/ or Planned) | Construction of project is completed and the project is in operation. |
| | a. Date of commencement (Actual &/ or Planned) | Sep-10 |
| 12 | b. Date of completion (Actual &/ or Planned) | Apr-13 |
| | Reason for the delay if the project is yet to start. | NA |
| | Date of site visits | |
| 13 | a) The dates on which the project was monitored by the Regional Office on the previous occasions, if any. | |
| | b) Date of site visit for this monitoring report | |
| | Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits. | Mr. Kamaal Chauda M/s. Asian Paints Ltd Plot No. A1, MIDC Khandala, Phase-I Taluka: Khandala, District: Satara PIN: 412802 |



| S. No. | Part - 3: Compliance to EC Conditions EC Condition | Compliance Period : October 2022 - March 2023 Compliance |
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| 1 | The height, construction built up area of proposed construction shall be in accordance with the existing FSI/AR norms of the urban local body and it should ensure the same along with survey number before approving plan layout | Complied during Construction Phase. 1. The Project site is located inside a MIDC and hence is governed by MIDC Development Control Rules, 2009. 2. The plot layout plan was prepared in accordance to the MIDC Rules and submitted to MIDC for approval before commencement of construction work. Factory commissioning was done after approval from MIDC and DISH. |
| 2 | Consent for Establishment shall be obtained from MPWB under Air and Water Act and a copy shall be submitted to the Environment Department before start of any construction work at the site | Complied. Consent for Establishment (RO-RO-Pure-PCH-RO(P&P)SIC-2015-854-15/ECC-270) has been granted by MPCB on 15th July 2020 |
| 3 | All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase | Complied. APL along with site-contractor has provided necessary sanitary and hygiene measures. |
| 4 | A First Aid room will be provided in the project both during construction activities and operation of the project. | Complied. APL is operating an Occupational Health Centre with First Aid Room in line with the requirements of Factories Act, 1948. Please refer Annexure 1 for images of First Aid room/Occupational Health Centre which is currently operational. |
| 5 | Provision shall be made for housing of construction labour 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. | Complied during Construction Phase. None of the APL and/or construction personnel were staying at the site. However, for the duration of their work hours arrangements for safe Drinking Water, Mobile Toilet, Medical Healthcare was adequately provided. |
| 6 | Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured. | Complied. None of the APL and/or construction personnel were staying at the site. However, for the duration of their work hours arrangements for safe Drinking Water, Mobile Toilet, Medical Healthcare was adequately provided. |
| 7 | Arrangement shall be made that waste water and storm water do not get mixed. | Complied. Separate above ground piping provided for transfer of waste water to combined effluent & sewage treatment plant. |
| 8 | All top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site | Complied. Top soil generated during excavation is used in horticulture/landscape development activity. |
| 9 | Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved. | Complied. No additional soil was required at this project site for construction activity. |
| 10 | Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture Department. | Complied. Landscape Architect has designed the green belt considering CPCB Guidelines and local DFO will be informed at appropriate stages of Green belt development. |
| 11 | Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority. | Complied. Construction activity at the site was done by M/s Shapoorji Pallonji Construction Pvt. Ltd (SPCL). M/s SPCL being a ISO 9001 and ISO 14001 certified company followed all Environment Management System related requirements for handling of construction debris under supervision of Environment Cell of Asian Paints Limited. |
| 12 | Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. | Complied. Soil and ground water samples are tested through MOEFCC & NABL approved laboratory. Monitoring reports are attached as Annexure 2. |
| 13 | Construction spoils including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dumpsites for such material must be secured so that they should not leach into the ground water. | Complied. Construction activity at the site was done by M/s Shapoorji Pallonji Construction Pvt. Ltd (SPCL). M/s SPCL being a ISO 9001 and ISO 14001 certified company followed all Environment Management System related requirements for handling of construction debris under supervision of Environment Cell of Asian Paints Limited. |
| 14 | Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board. | Complied. Construction activity at the site was done by M/s Shapoorji Pallonji Construction Pvt. Ltd (SPCL). M/s SPCL being a ISO 9001 and ISO 14001 certified company followed all Environment Management System related requirements for handling of construction debris under supervision of Environment Cell of Asian Paints Limited. |
| 15 | The diesel generator sets to be used during construction phase should be of low sulphur diesel type and should conform to environments (Protection) Rules prescribed for air and noise emission standards. | Complied. The diesel generator sets used during construction used High Speed Diesel (having low sulphur content) and conformed to environments (Protection) Rules prescribed for air and noise requirements. |



| S. No. | EC Condition | Compliance |
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| 16 | The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken. | Complied. The Diesel tanks are above ground and all relevant and necessary guidelines by CCOE has been followed during installation of the Diesel storage tank. Details are as provided in Annexure 3. |
| 17 | Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours. | Complied. All vehicles hired for bringing construction material were in good condition and PUC certificate was verified by security personnel of AP. |
| 18 | Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase so as to conform to the stipulated standards by CPCB/MPCB. | Complied. Necessary measures were taken to maintain Ambient Air Quality and Noise Levels during construction phase. Noise monitoring reports are attached as Annexure 4. |
| 19 | Fly ash should be used as building material in the construction, as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the town of Thermal Power Stations). | Complied. Portland Pozzolana Cement (PPC) which contains Flyash was used during the construction. |
| 20 | Ready mixed concrete must be used in building construction. | Complied. Ready Mix Concrete (RMC) was used for construction purposes. |
| 21 | The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lightning. | Complied. 1. The details about structural safety of buildings and structures was submitted to MIDC by approved Architect. 2. The provision of fire fighting equipments is in line with requirements of National Building Code, 2005 and design drawings were submitted to the Chief Fire Officer (CFO). 3. The provision of adequate lighting and ventilation facilities is in line with requirements of National Building Code, 2005 and Maharashtra State Factories Rules. 4. Copies of structural stability certificates as obtained from authorities are attached as Annexure 5. |
| 22 | Storm water control and its reuse as per COWB and BIS standards for various applications. | Complied. Separate Rain Water and Storm water collection tanks have been constructed. After primary treatment to reduce suspended & dissolved solids, it is used, as per requirement, in either of the following: into toilets, toilet flushing, gardening, floor cleaning and production process. Details of rain water collection system is attached in Annexure 6. |
| 23 | Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred. | Complied. Curing agents were used during the construction phase to reduce the water for curing. |
| 24 | The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority. | Complied. Currently all water requirements is supplied through MIDC and no access to ground water is available. |
| 25 | The installation of the Sewage Treatment Plant (STP) should be certified by and independent report and a report in this regard should be submitted to the ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of rock gray water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP. | Complied. 1. The Effluent Treatment Plant (ETP) at APL Khandala plant is designed as 2LD plant by experts in the field of Effluent & Sewage treatment. 2. Treated Effluent is reused in either of the following areas: Utility cooling towers and Production process. 3. The ETP is designed for combined treatment of both, trade effluent and sewage. 4. The Treated Effluent from ETP is not discharged outside the factory premises. It conforms to norms and standards of MPCB as mandated through the CCA (Combined Consent and Authorization) provided for APL Khandala. Further details are attached as Annexure 7. |
| 26 | Project Proponent shall ensure completion of STP, MSW disposal facility prior to occupation of the building and should obtain completion certification for these systems/aspects from MPCB. | Complied. Combined facility for treatment of STP and ETP has been made and CCA has been obtained periodically from MPCB for plant operation. Please refer Annexure 7 for more details. |
| 27 | Local body should ensure that no occupation certification is issued prior to operation of STP/MSW etc. with due permission of MPCB. | Complied. |
| 28 | Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of project. | Complied. Ground water is not utilised at all. Currently all water supply is provided from MIDC. |
| 29 | Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water. | Complied. Sewage at all points of generation is collected separately and not allowed to mix with trade effluent. The collected sewage gets treated in the secondary stage (biological treatment stage) of the ETP along with Trade Effluent. |

| S. No. | EC Condition | Compliance |
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| 30 | Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing device or sensor based control. | Complied. Adequate provisions are done to reduce consumption of water in the factory premises. Please refer Annexure 8 for details of low flow fixtures that have been provided. |
| 31 | The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/hydrated solid waste should be disposed off to the approved sites for land filling after recovering recyclable material. | Complied. Composting facility of wet garbage is available within the site. Non recyclable material/hazardous waste is sent to authorized facility. Please refer Annexure 9 for details of the agreement with TADF. |
| 32 | Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows. | Complied. |
| 33 | Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement. | Complied. |
| 34 | Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use of CFLs and TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heater system. Project proponent should install, after checking feasibility, solar plus hybrid non conventional energy source as source of energy. | Complied. LED light fixtures have been installed in the facility for all lighting requirements. E-waste generated is disposed in accordance with E-Waste Management and Handling Rules. Please refer Annexure 10 for details of E-waste authorized recycler. Roof top solar panel installation of 4 MW has been done and use of solar energy is made on a daily basis. |
| 35 | Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board. | Complied. D.G. Sets are conforming to Rules made under Environment (Protection) Act, 1986. Each DG Set has an individual stack attached to it. The height of each stack is 30 metres. The DG sets are located at the utility block inside the plant premises. |
| 36 | Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measure at the boundary of the building shall be restricted to the permissible levels to comply with prevalent regulations. | Complied. Noise is controlled and periodic monitoring is carried out through MOEFCC approved laboratory. Noise monitoring reports are attached as Annexure 4. |
| 37 | Traffic congestion near the entry and exit points from the road adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized. | Complied. All parking is done in allocated areas inside the factory premises. |
| 38 | Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air conditioned spaces while it is aspirational for air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement. | Complied. |
| 39 | The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation. | Complied. The building layout has been designed in line with requirements of National Building Code, 2005 and Factor for Act, 1949 and Maharashtra Factories |
| 40 | Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings. | Complied. |
| 41 | Under the provisions of Environment(Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance. | Complied. 1. Environmental Clearance has been granted vide File No: EC/(ASIAN/PAINTS) 2009/13/KR.164/72/G on 8th sep 2016 2. Construction activity was initiated at the project site only after 15.10.17. |
| 42 | Six monthly monitoring reports should be submitted to the Department and MPCB. | Complied. |
| 43 | A complete set of all documents submitted to the Department should be forwarded to the MPCB. | Complied. Six monthly monitoring reports are submitted to the Department and MPCB. The latest reports are attached as Annexure 11. |
| 44 | In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department. | Complied. A copy of EC document is submitted to MPCB. |
| 45 | No land development / Construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities. | Complied. Noted for Compliance. |
| 46 | A separate environment management cell with qualified staff be set up for implementation of the stipulated environmental safeguards. | Complied. Due clearance was obtained from MPCB vide Consent for Establishment and MIDC for land levelling/development. |
| 47 | A separate environment management cell with qualified staff be set up for implementation of the stipulated environmental safeguards. | Complied. A separate environmental management cell has been set up and functioning with qualified staff (with background in Environmental Engineering/Sciences) for implementation of the stipulated environmental safeguards. The Env Mgt Cell has a Environmental Executive/Manager reporting any environmental incident directly to the Factory Manager. |



| S. No. | EC Condition | Compliance |
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| 47 | Separate funds shall be allocated for implementation of environmental protection measures/EWP along with item-wise work-ups. These cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB and this department. | Complied. Approximate Capital Expenditure incurred for Procurement and Installation of ETP, Zero Discharge Plant, Green Belt Development, Environment Testing & Monitoring - 5.6 Crores Approximate Revenue Expenditure on Operation of ETP, Zero Discharge Facilities etc for the FY 22-23 - INR 2.29 Crores. |
| 48 | The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website at http://mahapcb.maharashtra.gov.in . | Complied. The information as required was published on 1st October 2020 in: A. Marathi-daily "Sakal" at its Sakara-town edition. B. English-daily "Times of India" at its Pune-City edition. |
| 49 | Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and condition in hard and soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year. | Complied. Six monthly reports on the status of stipulated EC conditions and results of monitored data are submitted to Regional Office of Zonal office of MPCB and MoEFCC. Further details are as attached in Annexure II |
| 50 | A copy of the clearance letter shall be sent by proponent to the concerned Municipal anywhere received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent. | Complied. The EC Letter was uploaded within a particular section of the APL-website, the web address of which is as given herewith: www.asianpaints.com/corporate/governance/reports.aspx |
| 51 | The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely: SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | Complied. 1. The status of compliance of the stipulated EC conditions are sent to the Regional Office of MoEF and Zonal office of PCB. 2. The criteria pollutant levels are monitored and displayed near the main gate of the company. |
| 52 | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. | Complied. Six monthly reports on the status of stipulated EC conditions and results of monitored data are submitted to Regional Office of MoEFCC and Zonal office of PCB. Further details are as attached in Annexure II |
| 53 | The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent of 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 compliances of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail. | Complied. Environmental Statement for each financial year ending 31st March is being submitted to MPCB and the status of compliance to EC condition is sent to Regional Offices of MoEFCC, by e-mail. Further details are attached in Annexure 12 |
| 54 | The environmental clearance is being issued without prejudice to the court cases pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and wherever decision of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him. | Not Applicable |

| S. No. | Part - 3: Compliance to CTE Conditions | CTE Condition | Compliance Period : October 2022 – March 2023 |
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| | | | Compliance |
| 1 | The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ reseller/ collector or at the designated collection center. | | Complied. Used batteries are disposed to registered recyclers only. |
| 2 | The applicant shall file half-yearly return in Form VIII to the M.P.C. Board. | | Complied. Half Yearly return in Form VIII is being submitted to MPCB. |
| 3 | Bulk consumers to their user units may auction used batteries to registered recyclers only. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry. | | Complied. Used batteries are disposed to registered recyclers only. Details of Recyclers: FCO Energy Regeneration, Bhosari, Pune |
| 4 | This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities. | | Noted |
| 5 | Industry shall segregate trade effluent into strong & weak stream and provide separate treatment system. | | Noted |
| 6 | Industry shall ensure connectivity of OX-EMS data to Board server. | | Noted |
| 7 | Industry should not manufacture any other product for which permission is not granted by the MPCB. | | Complied. Online Continuous Emission Monitoring System will be installed for Emission Monitoring. |
| 8 | The applicant shall comply with the conditions of the Environmental Clearance granted vide Lett at No. EC (ASIANPAINT) 57209/11/R/1647/CJ dated 03/02/2010 and ensure display/upload of six monthly compliance monitoring report on their official website. | | Complied. Only products for which permission is granted are manufactured. |
| 9 | This product mix shall be considered after commissioning of the project. | | Complied. |
| 10 | This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 27/01/2022. | | Noted |
| 11 | As per your application, you have proposed to provide Effluent Treatment Plant (ETP) of designed capacity of 180.00 CMD consisting of Primary (Collection tank, Neutralization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Reverse osmosis, Multi effective evaporator) for the treatment of 35 CMD of trade effluent. | | Noted Complied. Effluent Treatment Plant (ETP) with designed capacity of 180.00 CMD consisting of Primary (Collection tank, Neutralization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advanced treatment (Reverse osmosis, Multi effective evaporator) has been installed for the treatment of the trade effluent. |
| 12 | The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with making system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises. | | Complied. 1. The Effluent Treatment Plant (ETP) at APL, Khandala plant is designed by experts in the field of Effluent & Sewage treatment. 2. Treated Effluent is reused in either of the following areas: Utility cooling towers and Production process. 3. The ETP is designed for combined treatment of both, trade effluent and sewage. 4. The Treated Effluent from ETP is not discharged outside the factory premises. It conforms to norms and standards of MPCB as mandated through the CCA (Combined Consent and Authorization) provided for APL Khandala. Further details are attached as Annexure 7. |
| 13 | As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal. | | Complied. |
| 14 | The industry shall ensure replacement of Pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof. | | Complied. Primary treated sewage connected to Secondary stage of effluent treatment plant for further treatment. |
| 15 | The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CRSP guidelines. | | Noted. |
| 16 | Guidelines for Storm-Water: i. Storm water for a plant, a unit (having plot size at least 250 square meters) shall not be allowed to mix with scrubber water, effluent and/or floor washings. ii. Storm water within the battery limits of a unit shall be channelized through separate drain or pipe passing through a High Density Poly ethylene (HDPE) lined pit having holding capacity of 10 minutes (hourly average) of rainfall. | | Complied. i. Separate collection system for Storm water and Scrubber water / effluent has been provided. ii. Storm water has been channelized through the separate drain pipes to storm water collection tank with capacity of 6463 Kl. iii. Roof water has been channelized through the separate drain pipes to roof water collection tank with capacity of 2223 Kl. Please refer annexure 6 for more details. |



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| 29 | All the dust generating equipments or process shall be provided with dust extraction arrangement. The bag houses, etc. shall be connected to chimneys or stacks of atleast twelve meters height or at least two meters above the top most point of the building, shed or the plant in the industry, which so ever is higher. The unit shall channelize shop floor or fugitive emission through a stack of twelve meters height or at least two meters above the top most point of the building or shed or plant in the industry, which so ever is higher. | Completed. Dust extraction arrangement has been provided for dust generating processes & equipments. |
| 30 | | Completed. |
| 31 | | Completed. |
| 32 | The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance /CEEP Guidelines. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary). Guidelines for Solvent losses: i. The total losses of solvent should not be more than 5% of the solvent consumed, if solvent consumption less than 1000 tons/annum; and ii. The solvent loss should not be more than 3% of the solvent consumed, if solvent consumption greater than 1000tons/annum. | Completed. Air Pollution Control equipments like Scrubber, Stacks, Retrofittings for D.C. Sets has been provided. |
| 33 | | Completed. |
| 34 | | Noted. Completed. |
| 35 | | Completed. |
| 36 | The Energy source for lighting purpose shall preferably be LED based. | Completed. LED light fixtures have been installed in the facility for all lighting requirements. |
| 37 | | Completed. |
| 38 | The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant | Completed. Separate Rain Water and Storm water collection tanks have been constructed. After primary treatment to reduce suspended & dissolved solids, it is used, as per requirement, in either of the following: into utilities, toilet flushing, gardening, floor cleaning and production process. Details of rain water collection system is as attached in Annexure 6. |
| 39 | Conditions for D.C. Set a) Noise from the D.C. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically. b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average. | Completed. Acoustic enclosure has been provided to D.C. sets to control the noise. Completed. Acoustic enclosure has been provided to D.C. sets to control the noise. Ambient noise standards for the insertion loss has been met. Please refer the annexure 13 for the details. |
| 40 | c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirement, by proper siting and control measures. | Completed. |
| 41 | d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer. | Completed. Completed. Completed. |
| 42 | e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use. | Proper routine & preventive maintenance procedures for DG set has been set. |
| 43 | f) D.C. Set shall be operated only in case of power failure. | Completed. |
| 44 | g) The applicant should not cause any nuisance in the surrounding area due to operation of D.C. Set. | Completed. |
| 45 | h) The applicant shall comply with notification of MoEFCC, India on Environment (Protection) second Amendment rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel. | Completed. |
| 46 | The applicant shall maintain good housekeeping. | Completed. Completed. |
| 47 | The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board. | |
| 48 | The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB's official site). | Completed. Completed. |
| 49 | The industry shall submit official e-mail address and any change will be duly informed to the MPCB. | Completed. Completed. |
| 50 | The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B.290612962PC-L dated. 18.11.2009 as amended. | Official Email address has been submitted to MPCB. Completed. |

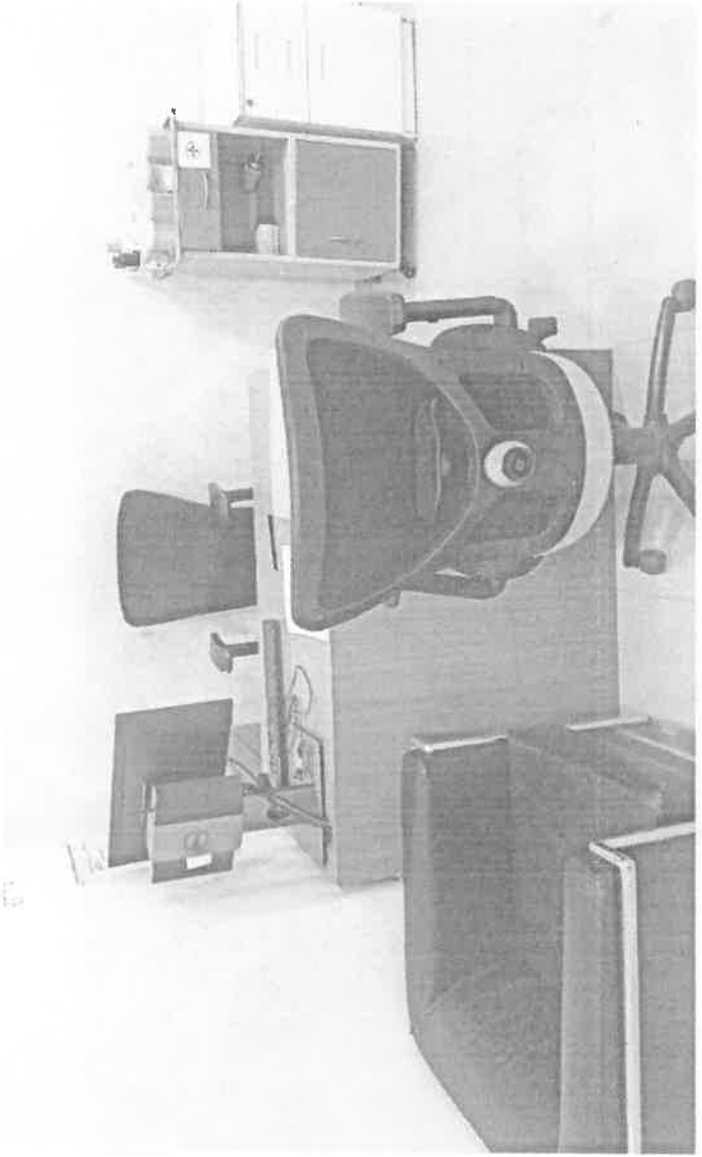
| | | |
|----|--|--|
| 43 | The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto. | Noted. |
| 44 | The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof. | Complied. Complied. |
| 45 | The PP shall provide personal protection equipment as per norms of Factory Act | Personal protection equipment as per norms of Factory Act is being provided. |
| 46 | Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly | Complied. Effluent quality, stack emissions and ambient air quality is being monitored as per norms and standards of MPCB as mandated through the CCA (Combined Consent and Authorization) provided for AP, Khandala. |
| 47 | Whenever due to any accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped. | Complied. Information is being passed to Board, Concern police station, Office of health services, department of explosives, Inspectorate of factories and local body for any accident of excess release of emissions as per standards. |
| 48 | The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise control production to abide by terms and conditions of this consent. | Complied. Alternate power source to operate all the pollution control facilities has been provided. |
| 49 | The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled/reprocessed/reused and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment. | Noted. |
| 50 | An inspection book shall be opened and made available to the Board's officers during their visit to the applicant. | Complied. |
| 51 | Industry shall strictly comply with the water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under Eo Rules 1985 which are available on MPCB website (www.mpcb.gov.in) | Complied. Complied. |
| 52 | Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipe/sewers downstream of the terminal manhole. No effluent shall feed its way other than in designed and provided collection system. | Complied. Separate collection system for collection of trade and sewage effluents has been provided. Down meters has been installed at the end collection system to measure the flow. |
| 53 | Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory. | Complied. Separate collection system for storm water and effluents has been provided. |
| 54 | The industry should not cause any nuisance in surrounding area. | Complied. |
| 55 | The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigate on field where treated effluent is used for irrigation. | Complied. Adequate measures for control of noise levels has been provided. Please refer the annexure 4B for the details. |
| 56 | | Complied. A separate environmental management cell has been set up and is functioning with qualified staff (with background in Environmental Engineering/Science) for implementation of the stipulated environmental safeguards. The Env Mgt Cell has an Environmental Executive/Manager reporting any environmental incident directly to the Factory Manager. |
| 57 | The applicant shall provide parts in the chimney(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification. | Complied. Ports in chimneys, ladder & platform has been provided for monitoring of air emissions. The identification on chimneys has been provided as stipulated in consent. |
| 58 | The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 5(C) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year. | Complied. Hazardous waste annual returns is being filed as per Hazardous Waste Management Rules, 2016. |
| 59 | The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained. | Complied. Separate meter has been installed for monitoring the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. |
| 60 | The applicant shall bring minimum 3% of the available open and under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end. | Complied. |
| 61 | The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. | Noted. |



| | | |
|----|--|--|
| 62 | <p>The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed FORM 45 per the provisions of Rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.</p> <p>The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.</p> <p>The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).</p> | <p>Completed.</p> <p>Environmental Statement for each financial year ending 31st March is being submitted to MPCB and the status of compliance to EC condition is sent to Regional Offices of MPSECC by email. Further details are attached in Annexure 12.</p> |
| 63 | <p>The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.</p> | <p>Completed.</p> |
| 64 | <p>The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).</p> | <p>Noted</p> |
| 65 | <p>The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.</p> | <p>Completed.</p> <p>Facility for collection of environmental samples, Trade & sewage effluent samples, air emissions and hazardous waste has been provided. Fees for such services is being paid to Board from time to time.</p> |

Annexure 1 : Occupational Health Centre







National Accreditation Board for
Testing and Calibration Laboratories



NABL

CERTIFICATE OF ACCREDITATION

KLEAN LABORATORIES AND RESEARCH (P) LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

402 PURUSHOTTAM PLAZA, BANER ROAD, PUNE, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-5512

Issue Date: 11/10/2022

Valid Until: 10/10/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : KLEAN LABORATORIES AND RESEARCH PRIVATE LIMITED

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



KLEAN**KLEAN LABORATORIES AND RESEARCH (P) LTD.**

CIN : U73100MH2009PTC195098
In Environmental Laboratory approved by MoEFCC.
 402 Purushottam Plaza, Baner Road Pune 411 045.
 Tel. 020-46781028 E-mail: kleanlab@klean.org Website: www.klean.org

TEST REPORT

| | | | |
|------------------------------|---|------|------------|
| Test Report No | 2023/03/SL/544 | Date | 11.03.2023 |
| Name & Address of the Client | M/S. ASIAN PAINTS LTD. Khandala Dist.-: Satara | | |
| PO Details | PO No. 0015336989 Dated 08-04-2022 | | |

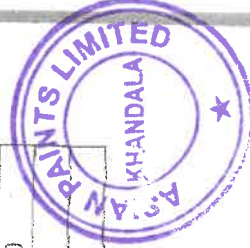
SOIL SAMPLE DETAILS

| Type | Container | Collection by | Quantity |
|------------------------|----------------------|---------------------|------------------------|
| Soil- Near STF | Plastic Bag With Zip | Lab | 250 Gm |
| Sample collection Date | Sample receipt Date | Analysis start Date | Analysis complete Date |
| 03.03.2023 | 04.03.2023 | 04-03-2023 | 11.03.2023 |

Sampling Procedure

As per KLRPI/QSP/22

| S.No. | Parameters | Method | Unit | Limit | Result |
|-------|---------------------------|--|----------|-------|-----------------|
| 1 | pH | Method 9045 D | -- | -- | 8.52 |
| 2 | Chloride | Soil & Solid waste analysis Laboratory manual | mg/Kg | -- | 302 |
| 3 | Sulphate | IS: 2720 (Part 27) | mg/Kg | -- | 52.10 |
| 4 | *Nitrogen | Soil & Solid waste analysis Laboratory manual | mg/Kg | -- | 34.78 |
| 5 | Potassium | Water resources depart., DIRD | mg/Kg | -- | 112 |
| 6 | Sodium | Water resources depart., DIRD | mg/Kg | -- | 149 |
| 7 | *Iron | Agriculture Manual | mg/Kg | -- | 21.88 |
| 8 | Lead | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | BDL(MDL < 0.01) |
| 9 | Chromium | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | BDL(MDL < 0.02) |
| 10 | *Alkalinity | Water resources depart., DIRD | mg/Kg | -- | 1680 |
| 11 | *Cation Exchange Capacity | IS: 2720 (Part 2A) | meq/100g | -- | 25.78 |
| 12 | *Oil & Grease | INHOUSE | mg/Kg | -- | BDL(MDL < 1) |
| 13 | *Nitrate | INHOUSE | mg/Kg | -- | 13.20 |
| 14 | Total Phosphorous | Soil & Solid waste analysis Laboratory manual | mg/Kg | -- | 14.70 |
| 15 | Phosphogypsum | -- | -- | -- | ND |
| 16 | Calcium | Agriculture Manual | mg/Kg | -- | 260 |
| 17 | Zinc | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | 4.70 |
| 18 | Copper | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | 0.12 |
| 19 | Cadmium | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | BDL(MDL < 0.5) |
| 20 | Magnesium | Agriculture Manual | mg/Kg | -- | 278 |
| 21 | *Cyanide (free) | EPA 9010 Method | mg/Kg | -- | BDL(MDL < 0.01) |
| 22 | *Aluminium | INHOUSE | mg/Kg | -- | 6.72 |
| 23 | *Ammonical Nitrogen | INHOUSE | mg/Kg | -- | 16.10 |
| 24 | *Bulk Density | INHOUSE | g/cc | -- | 1.02 |
| 25 | *Clay Content | -- | % | -- | 32 |





KLEAN LABORATORIES AND RESEARCH (P) LTD.

CIN U73100MH2009PTC195088
 An Environmental Laboratory approved by MoEFCC.
 402 Purusrotam Plaza, Baner Road, Pune- 411 045.
 Tel. 020-46781028 E-mail: kleanlab@klean.org Website: www.klean.org

| | | | | | |
|--------------------|------------------------------|---|-------------|----|-------------------|
| 26 | *Exchangeable Calcium | Agriculture Manual | meq/100g | -- | 232 |
| 27 | *Exchangeable Magnesium | Agriculture Manual | meq/100g | -- | 212 |
| 28 | *Exchangeable Potassium | Agriculture Manual | meq/100g | -- | 92 |
| 29 | *Phosphorus as P | Soil & Solid waste analysis Laboratory manual | mg/Kg | -- | 7.12 |
| 30 | *Porosity | INHOUSE | % | -- | 32 |
| 31 | *Sand Content | -- | % | -- | 10.12 |
| 32 | *Silt Content | -- | % | -- | 20.08 |
| 33 | *Texture | INHOUSE | -- | -- | Clay Loam |
| 34 | *Total Nitrogen As N | Soil & Solid waste analysis Laboratory manual | mg/Kg | -- | 29.70 |
| 35 | *Arsenic | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | BDL(MDL < 0.01) |
| 36 | *Coefficient of Permeability | INHOUSE | Cm/br | -- | 0.06 |
| 37 | Mercury | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | BDL(MDL < 0.001) |
| 38 | *MEK | INHOUSE | mg/Kg | -- | BDL(MDL < 0.0001) |
| 39 | *Tetrachloroethylene | INHOUSE | mg/Kg | -- | BDL(MDL < 0.0001) |
| 40 | *Lindane | INHOUSE | mg/Kg | -- | BDL(MDL < 0.0001) |
| 41 | *Chlorobenzene | INHOUSE | mg/Kg | -- | BDL(MDL < 0.0001) |
| 42 | Total Chromium | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | BDL(MDL < 0.02) |
| 43 | *Water Holding Capacity | INHOUSE | Inches/Feet | -- | 9.80 |
| 44 | Nickel | USEPA 3050B Revision 2: 1996 | mg/Kg | -- | 0.08 |
| 45 | *SAR | INHOUSE | -- | -- | 29.10 |
| 46 | *Organic Matter | IS 2720 (Part 22) | % | -- | 1.23 |
| 47 | EC Of 20% Extract at 25°C | INHOUSE | µmhos /Cm | -- | 3940 |
| End of Test report | | | | | |

BDL: -Below Detectable level & MDL: -Method detection limit.
 *Parameter not covered under NABL scope.

This report cannot be reproduced in parts and pertains to the sample(s) as received.
 Hologram Mandatory.



Sanjay Marlikar

Report For Reference

ISO 9001:2015 CERTIFIED COMPANY

An Environmental Laboratory approved by Maharashtra Pollution Control Board, Govt. of Maharashtra, Reg. No. 4/144/17
 101, Bhatnagar Road, L. Road, Akhadala, Satara, Maharashtra - 423 501, India.



| TEST REPORT | | Date | 11.03.2023 | | |
|------------------------------|--|------------------------------------|------------------------|-------|-----------------|
| Test Report No | 2023/03/W/537 | | | | |
| Name & Address of the Client | M/S. ASIAN PAINTS LTD. Khandala Dist.: Satara | | | | |
| PO Details | P.O.No. 0015336989 Dtd.08.04.2022 | | | | |
| Type/Location | Container | Collection by | Quantity | | |
| Pandharpur Phata Well | Plastic Bottle | Lab | 2000 ml | | |
| Sample collection Date | Sample receipt Date | Analysis start Date | Analysis complete Date | | |
| 03.03.2023 | 04.03.2023 | 04.03.2023 | 11.03.2023 | | |
| Sampling Procedure | | As per KLRLP/QSP/33 | | | |
| Sr.No. | Parameters | Method | Unit | Limit | Result |
| 1 | Color | IS 3025 (Part 4) : 1981 (RA 2017) | Hazen | -- | BDL (MDL - 0.5) |
| 2 | Turbidity | APHA 3500 D | NTU | -- | BDL (MDL 0.05) |
| 3 | PH | APHA 4500 H B | | -- | 7.19 |
| 4 | Total Dissolved Solids | APHA 2540-C | mg/L | -- | 54 |
| 5 | Ammonia | IS 3025 (Part 34) | mg/l | -- | BDL (MDL 0.1) |
| 6 | Boron | IS 3025 (Part 57) : 2005 (RA 2017) | mg/l | -- | BDL (MDL 0.1) |
| 7 | Calcium as Ca | APHA 3500 C A B | mg/l | -- | 7 |
| 8 | Chloride | APHA 4500 - Cl D | mg/L | -- | 0 |
| 9 | Fluoride | APHA 4500 F D | mg/L | -- | BDL (MDL 0.1) |
| 10 | Free Residual Chlorine | APHA 4500-Cl -B | mg/l | -- | BDL (MDL 0.1) |
| 11 | Iron | APHA 3500 - FE D | mg/L | -- | BDL (MDL 0.2) |
| 12 | Nitrate | IS 3025 (Part 34) : 1988 (RA 2014) | mg/l | -- | 0.68 |
| 13 | Conductivity | APHA 2510 B | µmhos /cm | -- | 69 |
| 14 | Magnesium Hardness | APHA 3500 MGB | mg/L | -- | 16 |
| 15 | Dissolved Phosphate | APHA 4500-P D | mg/L | -- | BDL (MDL 0.1) |



TEST REPORT

An Environmental Laboratory approved by WEF/PCU.

17, Panchsheel Park - III, Connaught Place, Delhi.

TEL: 011-2610-2128 Fax: 011-2610-2212 E-MAIL: kashyap@kashyap.com Web: www.kashyap.com



| | | | | | |
|----|-------------------------|---------------------------------------|------|----|------------------|
| 16 | Phenol Comp | APHA 5530 C | mg/L | -- | BDL(MDL: 0.002) |
| 17 | Sulphate | APHA 4500 - SO4 2- E | mg/L | -- | BDL(MDL: 1) |
| 18 | Sulphide | APHA 4500 S2- E | mg/L | -- | BDL(MDL: 0.2) |
| 19 | Total Alkalinity | IS: 3025 (PART 23): 1986 (RA 2014) | mg/L | -- | 44 |
| 20 | Total Hardness | APHA 2340-C | mg/L | -- | 36 |
| 21 | Cyanide | APHA 4500 CN E | mg/L | -- | BDL(MDL: 0.01) |
| 22 | Pesticides | APHA 6630 | mg/L | -- | BDL(MDL: 0.0001) |
| 23 | C.C.D. | APHA 5320-A | mg/L | -- | 11 |
| 24 | Temperature | APHA 2550 B | °C | -- | 29 |
| 25 | Ammonical Nitrogen | IS: 3025 (PART 34) | mg/L | -- | BDL(MDL: 0.1) |
| 26 | Total Kjeldahl Nitrogen | APHA 4500-NH3-B | mg/L | -- | 2.16 |
| 27 | 3 Day B.O.D. @ 27°C | IS: 3025 (PART 44) | mg/L | -- | 2 |
| 28 | Calcium Hardness | APHA 3500 CA B | mg/L | -- | 20 |
| 29 | Silica | APHA 4500-SiO2-S | mg/L | -- | 11.08 |
| 30 | Suspended Solids | APHA 2540-D | mg/L | -- | BDL(MDL: 1) |
| 31 | Hexavalent Chromium | APHA 3500-CR D | mg/L | -- | BDL(MDL: 0.02) |
| 32 | Oil & Grease | IS:3025 (PART 39) | mg/L | -- | BD (MDL: 5) |
| 33 | Phosphate | APHA 4500-P D | mg/L | -- | BDL(MDL: 0.1) |
| 34 | Total Volatile Solids | APHA 2540 E | mg/L | -- | 32 |
| 35 | Aluminium | APHA 3120 B | mg/L | -- | BDL(MDL: 0.02) |
| 36 | Copper | APHA 3120 B | mg/L | -- | BDL(MDL: 0.01) |
| 37 | Manganese | APHA 3120 B | mg/L | -- | BDL(MDL: 0.01) |
| 38 | Potassium | APHA 3120 B | mg/L | -- | BDL(MDL: 0.1) |
| 39 | Selenium | APHA 3120 B | mg/L | -- | BDL(MDL: 0.01) |



In Environmental Laboratory approved by MoEF, Govt. of India

85, Park Road, Plot No. 1, B-Block, Sector 4, Gurgaon, Haryana

Phone: 0129-4141414, 4141415, 4141416, 4141417, 4141418, 4141419, 4141420, 4141421, 4141422, 4141423, 4141424, 4141425, 4141426, 4141427, 4141428, 4141429, 4141430, 4141431, 4141432, 4141433, 4141434, 4141435, 4141436, 4141437, 4141438, 4141439, 4141440, 4141441, 4141442, 4141443, 4141444, 4141445, 4141446, 4141447, 4141448, 4141449, 4141450, 4141451, 4141452, 4141453, 4141454, 4141455, 4141456, 4141457, 4141458, 4141459, 4141460, 4141461, 4141462, 4141463, 4141464, 4141465, 4141466, 4141467, 4141468, 4141469, 4141470, 4141471, 4141472, 4141473, 4141474, 4141475, 4141476, 4141477, 4141478, 4141479, 4141480, 4141481, 4141482, 4141483, 4141484, 4141485, 4141486, 4141487, 4141488, 4141489, 4141490, 4141491, 4141492, 4141493, 4141494, 4141495, 4141496, 4141497, 4141498, 4141499, 4141500

| | | | | | |
|----|----------------|-------------|------|----|-----------------|
| 40 | Zinc | APHA 3120 B | mg/L | -- | 0.19 |
| 41 | Cadmium | APHA 3120 B | mg/L | -- | BDL(MDL: 0.005) |
| 42 | Lead | APHA 3120 B | mg/L | -- | BDL(MDL: 0.01) |
| 43 | Mercury | APHA 3120 B | mg/L | -- | BDL(MDL: 0.001) |
| 44 | Nickel | APHA 3120 B | mg/L | -- | BDL(MDL: 0.01) |
| 45 | Sodium | APHA 3120 B | % | -- | BDL(MDL: 0.1) |
| 46 | Total Arsenic | APHA 3120 B | mg/l | -- | BDL(MDL: 0.01) |
| 47 | Total Chromium | APHA 3120 B | mg/l | -- | BDL(MDL: 0.01) |

End of Test report

BDL - Below Detectable level & MDL - Method detection limit.

*Parameter not covered under our IALM scope

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Hexagram Mandatory



Sanjay





भारत सरकार
 Government of India
 वणिज्य और उद्योग मंत्रालय
 Ministry of Commerce & Industry
 पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पिसी)
 Petroleum & Explosives Safety Organisation (PESO)
 ए-1 और ए-2 बिल्डिंग, पॉपुलर टॉप, केंद्रीय भावनालय परिसर, सी.बी.डी, बेलपुर
 नवी मुंबई (मिडो) - 400614
 A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, New Mumbai (M.S.),
 Mumbai - 400614

E-mail : jtcamumbai@explosives.gov.in
 Phone/Fax No : 022 - 27575946,27573881

संख्या No. : PHC/MH/15/5120 (P273778)

दिनांक /Dated 12/12/2019

सेवा में /To,

M/s. Mis.Asian Paints Ltd.,
 Plot No.A-1,Khandala MIDC,Phase-1,
 Khandala,
 Khandala,
 Taluka: Khandala,
 District: SATARA,
 State: Maharashtra
 PIN: 412801

दिए गए /Sub : Plot No. A-1,, Khandala Industrial Area,Phase-1,, Mouje Khandala,, Khandala, Taluka: Khandala, District: SATARA, State: Maharashtra, PIN: 412801 में स्थित विद्यमान पेट्रोलियम एवं B.उत्पिन्नसम में अनुमति सं PHC/MH/15/5120 (P273778) के नवीकरण के संबंध में ।
 Existing Petroleum Class B Installation at Plot No. A-1,, Khandala Industrial Area,Phase-1,, Mouje Khandala,, Khandala, Taluka: Khandala, District: SATARA, State: Maharashtra, PIN: 412801 - Licence No PHC/MH/15/5120 (P273778) - Renewal regarding

महोदय /Sir
 (s),

कृपया आपके पत्र क्रमांक CHN/05620 दिनांक 07/12/2019 का अवलोकन करें ।
 Please refer to your letter No.: CHN/05620, dated 07/12/2019

अनुमति संख्या PHC/MH/15/5120 (P273778) दिनांक 20/11/2012 को दिनांक 5/11/2024 तक नवीकृत कर इस पत्र के साथ अद्यतित की जा रही है ।

Licence No. PHC/MH/15/5120 (P273778) dated 20/11/2012 is forwarded herewith duly renewed upto 5/11/2024.

कृपया पेट्रोलियम नियम 2002 के अधीन बकाय बंध निचय 148 में दी गई प्रक्रिया का खंड से चालन करें । अनुमति के नवीकरण हेतु समस्त दस्तावेजों को अनुमति की पंजात समाप्त होने की तिथि से कम से कम 30 दिन पूर्व J. Chief Controller of Explosives, West Circle, Mumbai कार्यालय को प्रेषित करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to J. Chief Controller of Explosives, West Circle, Mumbai, so as to reach his office on or before the date on which Licence expires

कृपया प्राप्त की है।
 Please acknowledge the receipt

भवदीय /Yours faithfully,


 (Dr. Anuj Kumbhkar)
 नियंत्रक, विस्फोटक

Controller of Explosives
 नूत संयुक्त मूल्य विस्फोटक नियमक
 For J. Chief Controller of Explosives
 नवी मुंबई (सब.मुम्बई)

(अधिसूचना जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)
 (For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)



TEST REPORT

Company Name & Address:
 M/s. Asian Paints Limited
 Plot No A1, MIDC, Khandala Phase I, Dist- Satara

Inward No: SAEN/22-23/497(A)-1
Your Ref No. / Test Request Collected By : SAEN
Sample Name : Ambient Air
Report No. : SAEN/TR/22-23/50-72
Date of Sampling : 07.03.2023
Sampling Method: SAEN/SOP/S-02
Dates of Analysis : 08.03.2023-13.03.2023
Sampling Location : Near Material Gate
Date of Report : 13.03.2023

| Sr. No | Parameters | Result | Unit | Standard Value | Analysis Method |
|--------|--|--------|-------------------|----------------|---|
| 1 | Sulphur Dioxide (SO ₂) | 20.4 | µg/m ³ | ≤ 80 | CPCB Guidelines for Sampling & Analysis |
| 2 | Oxides of Nitrogen (NO ₂) | 23.5 | µg/m ³ | ≤ 80 | |
| 3 | Particulate Matter PM ₁₀ | 46.2 | µg/m ³ | ≤ 100 | |
| 4 | Particulate Matter PM _{2.5} | 17.5 | µg/m ³ | ≤ 60 | |
| 5 | Ozone (O ₃) | Nil | µg/m ³ | ≤ 100 | |
| 6 | Lead (Pb) | Nil | µg/m ³ | ≤ 1.0 | |
| 7 | Carbon Monoxide (CO) | BDL | mg/m ³ | ≤ 04 | |
| 8 | Ammonia (NH ₃) | BDL | µg/m ³ | ≤ 400 | |
| 9 | Benzene (C ₆ H ₆) | Nil | µg/m ³ | ≤ 05 | |
| 10 | Benzo[a]Pyrene (BaP) | Nil | ng/m ³ | ≤ 01 | |
| 11 | Arsenic (As) | Nil | ng/m ³ | ≤ 06 | |
| 12 | Nickel (Ni) | Nil | ng/m ³ | ≤ 20 | |

Remarks (If Any): Results are within NAAQ Standard Value.

Note:

Standard Value - National Ambient Air Quality (NAAQ) Standard, 2009.

1. BDL - Below Detection Limit

2. Test Report is based on above parameters.

3. Test Results pertain only to the sample tested.

4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
 5. The instruments & equipments used for sampling & analysis are calibrated from NABL Accredited Calibration Laboratory, to maintain NIST traceability.

6. Laboratory Recognized by MoEFCC with Gazette ID - CG-DL-E-24082022-238550, dt-24.08.2022 - Under renewal.

For S. A. Encon Private Limited



Authorised Signatory - Technical Manager

Authorized Signatory

END OF REPORT



TEST REPORT

Company Name & Address

M/s. Asian Paints Limited
Plot No A1, MIDC, Khandala Phase I, Dist. Satara

Order No: SAEN/22-23/508-V

Date of Sampling : 14.03.2023

Your Ref No. : Test Request

Sampling Method: Instrumental

Collected By : SAEN

Date of Analysis : 15.03.2023

Sample Name : Ambient Noise

Sampling Location : As Below

Report No. : SAEN/TR/22-23/51-45

Date of Report : 16.03.2023

| Sr. No | Locations | Result | | Unit | Standard Value | | Analysis Method |
|--------|--------------------------------------|--------|-------|-------|----------------|-------|---------------------|
| | | Day | Night | | Day | Night | |
| 1 | East Side of the Plant | 73.4 | 62.4 | dB(A) | <75 | <70 | Instrument Analyser |
| 2 | West Side of the Plant | 73.6 | 60.9 | dB(A) | <75 | <70 | |
| 3 | North Side of the Plant (Scrap Yard) | 72.2 | 60.5 | dB(A) | <75 | <70 | |
| 4 | South Side of the Plant | 73.2 | 61.8 | dB(A) | <75 | <70 | |
| 5 | Near Material Gate Corner | 71.6 | 60.1 | dB(A) | <75 | <70 | |
| 6 | Near Main Gate | 72.8 | 57.7 | dB(A) | <75 | <70 | |
| 7 | Near Utility Tube (Boiler) | 73.6 | 60.4 | dB(A) | <75 | <70 | |
| 8 | Near Engineering Corner | 73.2 | 58.4 | dB(A) | <75 | <70 | |
| 9 | P&G- Loading area | 72.9 | 65.8 | dB(A) | <75 | <70 | |
| 10 | Monomer Tank | 72.6 | 66.7 | dB(A) | <75 | <70 | |
| 11 | Oil Additive Tank Farm | 71.3 | 66.4 | dB(A) | <75 | <70 | |
| 12 | Emulsion Tank Farm | 72.3 | 64.0 | dB(A) | <75 | <70 | |
| 13 | QA Lab | 72.8 | 57.9 | dB(A) | <75 | <70 | |
| 14 | PPL Lab | 73.6 | 56.1 | dB(A) | <75 | <70 | |
| 15 | Silo Block - Top Floor | 72.9 | 61.9 | dB(A) | <75 | <70 | |
| 16 | Admin Block - Chiller | 72.2 | 67.8 | dB(A) | <75 | <70 | |
| 17 | FTP Blower | 72.1 | 66.1 | dB(A) | <75 | <70 | |
| 18 | Air Compressor (Utility U) | 73.6 | 68.9 | dB(A) | <75 | <70 | |
| 19 | SPB 1 st Floor | 73.2 | 66.1 | dB(A) | <75 | <70 | |
| 20 | SPB Packing area | 73.1 | 64.6 | dB(A) | <75 | <70 | |

Remarks : If Any : Results are within standard limits prescribed by MPCB.

Notes:

1. Only ambient noise parameters.

2. All measurements are made by the analyser tested.

3. The instrument used is a Class B type and is not to be reproduced / used for advertising or legal use, in part or full, without written permission.

4. The instrument used for sampling & analysis are calibrated from NABL Accredited Calibration Laboratory, to maintain

Traceability.

5. The instrument used is Model No. 50850, with Certificate No. CAS-50-8-24062022-230350, dt.24.08.2022.

For & On Behalf of: Private Limited



Mr. Anand Pawadekar - Technical Manager

Authorized Signatory

End of Report





Date : 26-09-2018


FORM NO. 1A
(RULE 3A)

CERTIFICATE OF STABILITY

1. Name of Factory : M/s. Asian Paint Ltd.
2. Village, Town and District in which the factory is situated : Khandala Industrial Area, Takula Khandala, Dist. Satara
3. Full Postal Address of the Factory : Asian Paints Ltd., Plot No. - A1, Khandala Industrial Area, Taluka Khandala, District Satara.
4. Name of the Occupier of the Factory : Mr. K. B. S. Anand.
5. Nature of manufacturing process to be carried out in the factory : Manufacturing of Water and Solvent Based Paints.

I, on behalf of Tata consulting Engineers Limited (TCE), hereby certify that I have inspected the buildings / structures engineered by TCE, the plans of which have been approved by the Chief Inspector in his letter no. **PLN/21/11/NNL/NIB/5898/2011 dated 01.06.2011 and PLN/267/14/MNG/RRV/4292/2014 dated 26.5.2014** and examined the various parts including the foundations with special reference to the machinery, plant etc., that have been installed. I am of the opinion, that all the works of engineering construction in the premise are structurally sound and that their stability will not be endangered by its use as factory/part of factory for manufacturing of water based and solvent based paints, for which the machinery, plant etc. are installed. Any structure that is not engineered by TCE, stability certificate for such structures shall be obtained from respective engineering consultants.

For M/s Tata Consulting Engineers Ltd.


SALISH NARAYAN DIWAKAR
TATA CONSULTING ENGINEERS LIMITED
CHARTERED ENGINEER
F-118718-6

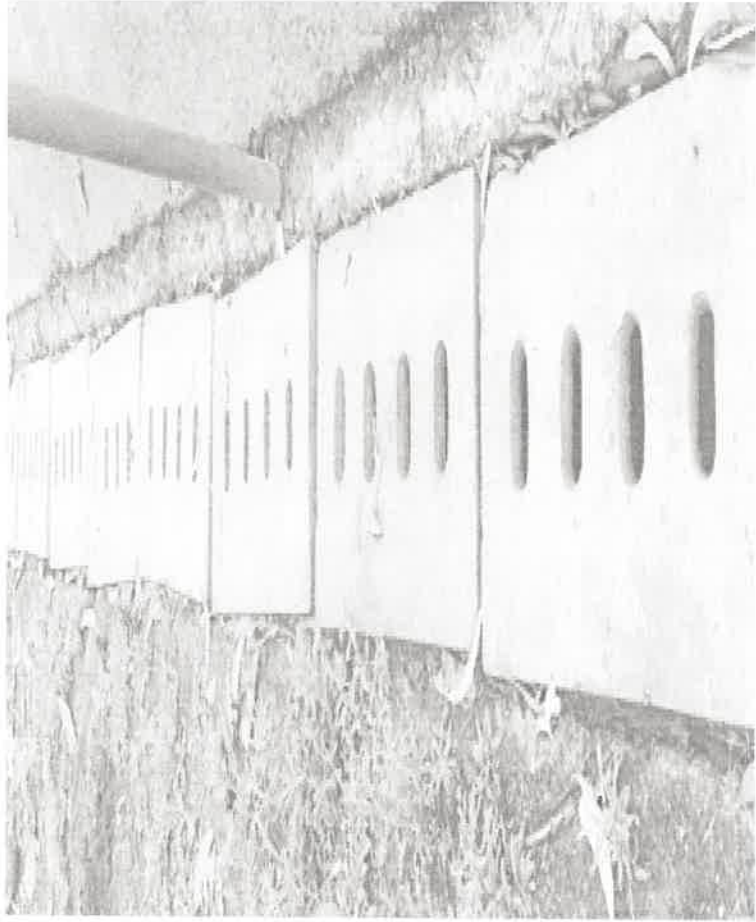
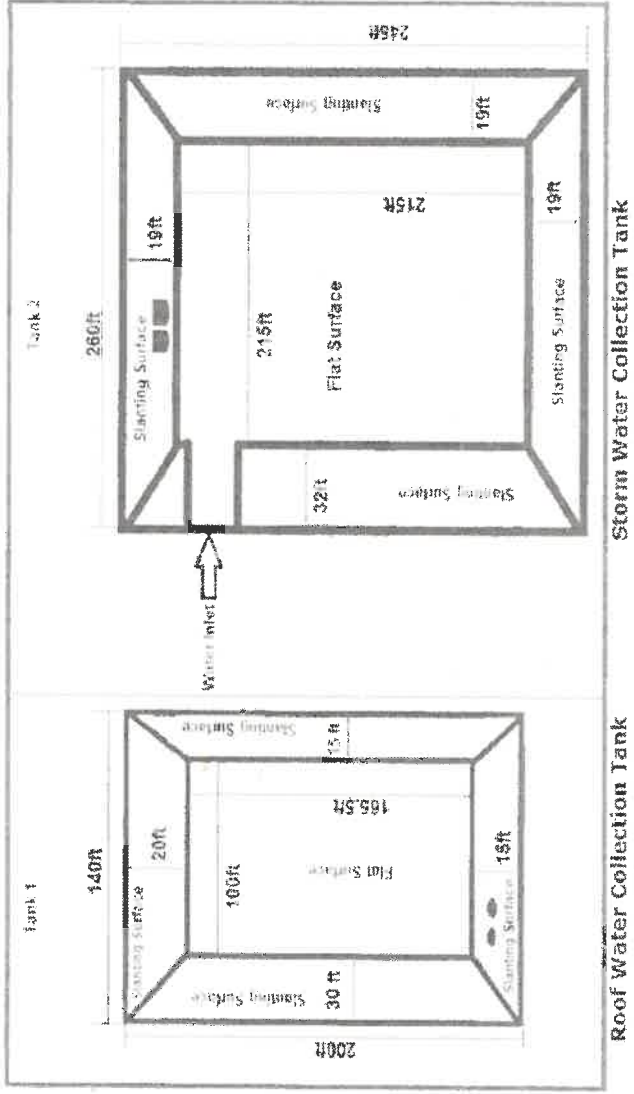
(S N Diwakar)
Chartered Engineer / Structural Engineer
B.E. Civil, F.I.E.,
Registration No. F-118718-6



TATA CONSULTING ENGINEERS LIMITED

Unit No. NB (502) 5B 1501 15th Floor Empire Tower Cloud City Campus Opp Reliable Tech Park Thane - Belapur Road Airoli Navi Mumbai - 40708
Tel: +91 22 6114 8181 Fax +91 22 6114 8282 email: mkt@tce.com website: www.tce.com CIN UJ-4210(H)1999PLC122010
Registered Office: Antully Centre A, 249 Senapati Bapat Marg, Lower Parel (West) Mumbai - 400013

**ANNEXURE 6 – Details of Rainwater / Storm Water Collection System At APL
Khandala**



Roadside drains to carry rainwater to Rainwater Harvesting Pond



Annexure 7 – ETP Details

Environment Management Plan

Asian Paints Ltd.
Plot No. A1, MIDC Khandala Phase-I,
Taluka - Khandala, District - Satara

A modern ETP (Effluent Treatment Plant) with physical, chemical, biological and tertiary treatment facilities has been installed. The ETP is designed for the following characteristics of the various effluents:

| Parameter | Unit | Before Treatment | | After Treatment |
|-----------------|------|------------------|------------------|-----------------|
| | | Process Effluent | Utility Effluent | |
| Quantity (peak) | KLD | 84 | 34 | 180 |
| pH | - | 5.5 – 8.5 | 7 – 8 | 6.5 - 8.5 |
| COD | Mg/L | 15000 | 50 | < 250 |
| BOD | Mg/L | 4000 | 20 | < 30 |
| TSS | Mg/L | 1200 | 300 | <100 |
| TDS | Mg/L | 1800 | 3000 | < 2100 |
| O & G | Mg/L | 300 | 5 | < 10 |

The process effluent streams are collected in individual collection tanks at the respective blocks. The transfer of effluent from each stream to the ETP is based on operator-controlled flow using a metering pump. Operator Changes the metering rate based on tank level or influent flow.

Domestic sewage is collected in Sewage Collection Pit near the generation source and by pumping is directly added to bio-reactor Tank of ETP.

Utility wastewater is collected in collection pit and is directly added to bio-reactor of ETP or to the Tertiary Feed Tank for dilution.

The process effluent is led to primary (physico-chemical) treatment system. The primary treatment system comprises of three Primary Treatment Tanks of 30 m³ each. Each tank has stirrer and common Chemical Dosing Facility. There is oil and grease removal unit prior to Primary Treatment Tanks.

The Primary Treatment Tanks operates in Fill-Dose-Draw mode. At any given time, one tank receives the raw process effluent while the other is subjected to chemical dosing and transfer for secondary (biological) treatment.

The Primary Treatment Tank, wherein the required chemicals have been dosed, is left for 30-45 minutes for settling. On settling, the supernatant is drained to Bio-reactor and then, the sludge shall be drained to Sludge Holding Tank. Automatic Decanter Centrifuge is used for dewatering of sludge.



Domestic sewage and Utility wastewater flow directly to Bio-reactor Tank of 600 m³ capacity. The primary treated effluent is pumped at uniform flow to the Bio-reactor Tank. Dissolved Oxygen level in aeration tank is measured once every shift.

The bio-treated effluent is collected in a Filter Feed Sump. Hypo-chloride solution shall be dosed using metering pump. The effluent is pumped through Pressure Sand Filter and Activated Carbon Filter for polishing treatment.

Excess bio-sludge from bio-treatment is drained to Sludge Holding Tank. The sludge in the Sludge Holding Tank is pumped to Automatic Decanter Centrifuge for dewatering. The dewatered and dried sludge is declared as Hazardous Waste under the Category 35.3 of **Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016**, and be disposed by Incineration or Secured Landfill at TSDF.

The treated effluent is used for irrigation of 43 acres of green belt inside the plant premises in non-monsoon season. However, during peak monsoon days, the treated effluent will be passed through a high-recovery Reverse Osmosis plant (RO). The RO permeate will be used as fresh water back into various plant manufacturing processes whereas RO reject will be disposed using 3-effect evaporator (combination of triple-effect forced-film evaporator and agitated thin film dryer).

We utilize in-house Laboratory and services of MoEF approved Third Party Laboratories to ensure that monitoring of parameters is done as per approved analytical procedures.

EFFLUENT TREATMENT UNITS:

| Sr. No. | Unit's | Quantity | Size |
|---------|-----------------------------------|----------|---------------------------|
| 1 | Inlet Chamber | 1 No. | 1.35 x 0.6 x 0.9m |
| 2 | Oil Separator | 3 Nos. | 3.5 x 2.1 x 0.8m + 0.4mFB |
| 3 | Dissolved Air Flotation | 1 No. | |
| 4 | Collection-cum-Treatment Tank | 3 Nos. | 3.5 x 3.35 x 2.5m SWD |
| 5 | Bioreactor Feed Tank | 1 No. | 5.75 x 5.175 x 1.5m |
| 6 | Advent Integral System | 1 No. | 11.0 x 10.10 x 6.5m |
| 7 | Filter Feed Sump | 1 No. | 10.7 x 2.1 x 1.5m |
| 8 | High Rate Solid Contact Clarifier | 1 No. | |
| 9 | Pressure Sand Filter | 1 No. | |
| 10 | Activated Carbon Filter | 1 No. | |
| 11 | Primary Sludge Tank | 1 No. | 5.175 x 2.75 x 1.5 |
| 12 | Secondary Sludge Tank | 1 No. | 5.175 x 2.75 x 1.5 |
| 13 | Blower Shed | 1 No. | 8 x 5 x 4m |
| 14 | Panel Room & Laboratory | 1 No. | 8 x 5 x 4m |
| 15 | Sludge Dewatering Room | 1 No. | 12 x 8 x 4m |
| 16 | Chemical Dosing Room | 1 No. | 8 x 5 x 4m |
| 17 | Reverse Osmosis Plant | 1 No. | |
| 18 | 3-Effect Evaporator | 1 No. | |

EFFLUENT TREATMENT PLANT EQUIPMENTS:

| Sr. No. | Units | Quantity |
|---------|--|----------|
| 1 | CCT Stirrer | 3 Nos. |
| 2 | Effluent Transfer Pump | 2 Nos. |
| 3 | Coagulant Dosing Pump | 2 Nos. |
| 4 | Flocculant Dosing Pump | 2 Nos. |
| 5 | Caustic Dosing Pump | 2 Nos. |
| 6 | Caustic Dosing Tank Stirrer | 1 No. |
| 7 | AIS Drain Pump | 1 No. |
| 8 | Filter Feed Pump | 2 Nos. |
| 9 | Primary Sludge Tank Stirrer | 1 No. |
| 10 | Secondary Sludge Tank Stirrer | 1 No. |
| 11 | Dewatering Polyelectrolyte Dosing Tank Stirrer | 2 Nos. |
| 12 | Dewatering Polyelectrolyte Dosing Pump | 2 Nos. |
| 13 | Dewatering Pump | 2 Nos. |
| 14 | AIS Air Blower | 2 Nos. |
| 15 | Sludge Sump Air Blower | 2 Nos. |
| 16 | Decanter Centrifuge | 1 No. |
| 17 | Drain Sump Transfer Pump | 1 No. |
| 18 | RO Plant Feed Pump | 1 No. |
| 19 | RO Intermediate Tank Pump | 1 No. |
| 20 | MEE Feed Pump | 2 No. |
| 21 | MEE Product Pump | 2 No. |
| 22 | Agitated Thin Film Dryer | 1 No. |



2232.80 KL Effluent Treated from October 2022 – March 2023 and reused back in the process.

The Cost incurred in treating Effluent

| Parameter | Oct | Nov | Dec | Jan | Feb | Mar |
|-------------------------|--------|--------|--------|--------|--------|--------|
| Total Effluent Treated | 315 | 360 | 353 | 333 | 244 | 360 |
| Power Consumption (KWH) | 23390 | 19667 | 19627 | 20023 | 22944 | 22157 |
| Power Cost (Rs) | 63621 | 53494 | 53385 | 54463 | 59654 | 57608 |
| Man Power Used/Day | 3 | 3 | 3 | 3 | 3 | 3 |
| Man Power Cost (Rs) | 54600 | 54600 | 54600 | 54600 | 54600 | 54600 |
| Alum Used (KG) | 50 | 140 | 130 | 90 | 50 | 59 |
| Alum Cost (Rs) | 720 | 2016 | 1872 | 1296 | 720 | 850 |
| PAC | 766 | 1102 | 1173 | 800 | 585 | 710 |
| PAC Cost | 29108 | 41876 | 44574 | 30400 | 22230 | 26980 |
| Poly Used (KG) | 23 | 26 | 31 | 17 | 10 | 16 |
| Poly Cost (Rs) | 4446 | 4973 | 6065 | 3296 | 1950 | 3198 |
| Lime Consumed (kg) | 20 | 30 | 3 | 31 | 25 | 8 |
| Lime Cost (Rs) | 220 | 330 | 33 | 336 | 531 | 159 |
| Caustic Consumed (KG) | 238 | 370 | 304 | 209 | 155 | 223 |
| Caustic Rate (Rs) | 10198 | 15855 | 13026 | 8956 | 6642 | 9556 |
| Urea Used (KG) | 260 | 265 | 285 | 270 | 260 | 265 |
| Urea Cost (Rs) | 14300 | 14575 | 15675 | 14850 | 14300 | 14575 |
| DAP Used (KG) | 156 | 159 | 204 | 162 | 156 | 165 |
| DAP Cost (Rs) | 5304 | 5406 | 6936 | 5508 | 5304 | 5610 |
| Total Cost | 182517 | 193124 | 196166 | 173703 | 165931 | 173136 |
| Cost Per KL Treatment | 580 | 537 | 556 | 522 | 680 | 481 |

Hazardous Waste Disposal:

Major Categories of Hazardous Waste generated are as mentioned below defined in Hazardous Waste (Management, Handling, and Transboundary Movement) Rules 2016

- 35.3 – Chemical sludge from Effluent Treatment Process
- 33.1 – Discarded Liners of Pigment Bags
- 21.1 – Process Waste includes – scrapped dried paint, spilled RMs, gelled paint with excessive bacterial growth, contaminated PPEs and Cotton Waste from machine cleaning and cleaning paint spillage.
- 23.1 – Scraping of resins, gelled particles/flakes of resins, discarded emulsion/polymer.
- 5.1 – Used oil such as hydraulic testing oil.

As per process defined by Asian Paints, the waste generated are recorded in SAP and a line item is created of the Waste Container additionally a Waste Disposal Memo (WDM) is generated.

The generator of the Waste pastes this WDM on the Waste Containers which includes Date of generation, Category of the Waste, Quantity of the Waste generated.

The Waste Container is then moved to Scrapyard and then sent for treatment and disposal to Authorize Disposal Facility - Maharashtra Enviro Power Limited for Incineration. 5 years contract has been done with Maharashtra Enviro Power Limited which is a valid member of CHWTSDF (as per MOU with MIDC and MPCB - Membership no: MEPL/33004048).

The Hazardous Waste Disposed from October 2022 - March 2023 = 81.011 Ton

The Expenditure for Treatment and Disposal of Hazardous Waste = Rs. 5568337.64/-

Noise Monitoring

Noise Monitoring in the Plant Premises is done on the Quarterly basis and the testing is conducted by MoeF approved Laboratory – S.A. Encon Lab Pvt Ltd, please refer Annexure for the sample report.

Air Monitoring

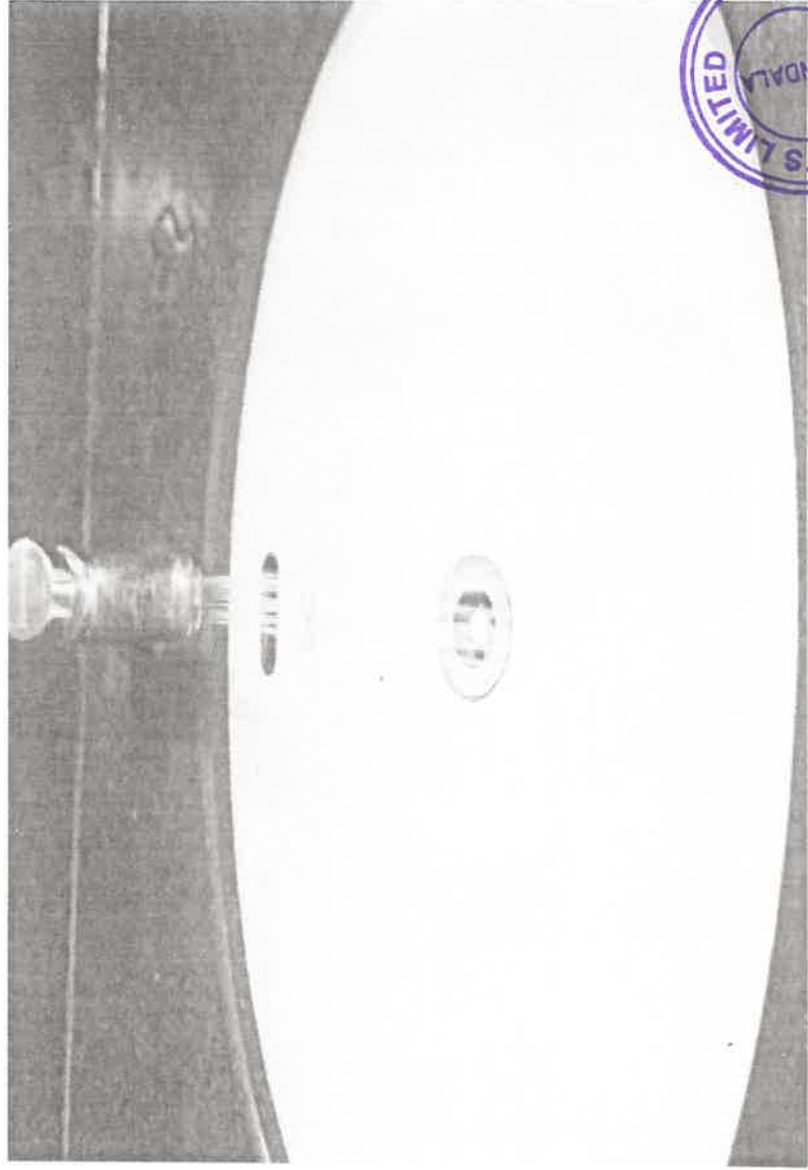
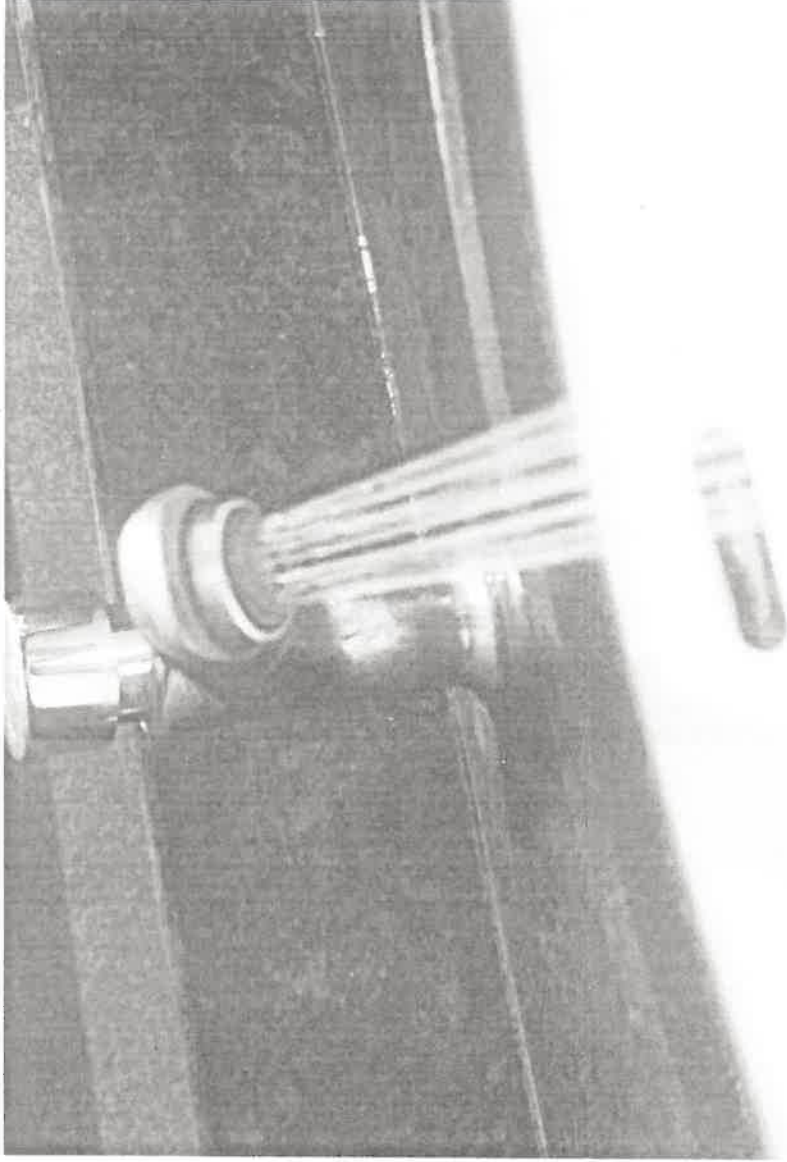
Ambient Air quality is measured monthly by MoeF approved Laboratory S.A. Encon Lab Pvt Ltd.

Ground Water and Soil Samples are tested by Klean Lab Pvt Ltd which is MoeF approved and the results are attached in annexure

The expenditure for testing of the Environment parameters from Klean Lab, S.A. Encon Lab, Horizon Lab and Enviro International Lab are Rs. 110101/-



Annexure 8 – Low Flow Fixtures



Additional Passbook or
Unique No. 08908996



Unique No. 1003

Pass Book for Maintaining Records of
Purchase of E-Waste under the
E-waste (Management) Rules, 2016

Name and Address : M/s. Hi-Tech Recycling (P)
 Pvt. Ltd., B-19, G. No. B9
 Tol. Ganesh Warehousing, Pune
 Satek Rd, Tol. Ganesh Dist. Pune
 Telephone/Fax No. : 9860602601
 E-mail Address : manish@hitechrecycling.in
 MPCB/ROCHO/HSMO/AWH/20/AH/300/3
 Authorisation No. :
 Authorisation issued for : Recycling / dismantling of the E-Waste
 Date of issue : 28/12/2020
 Validity Period : 30/11/2025

Quantity of the E-Waste(s) procurement is permitted for Recycling / Dismantling of the E-Waste.

| S. No. | Type of E-Waste | Quantity (Tons Per Annum) |
|--------|---|---------------------------|
| 1 | Collection, segregation, dismantling & Recycling of E-Waste | 140 MT/yr and Ten only |

All the conditions prescribed in the authorisation shall be complied all the time.

Date : 12/01/2023
Place : Mumbai

Authorised Signatory & Seal

Dr. P. SANGHWAR
Regional Officer (HQ) & Incharge
HSM Division
Maharashtra Pollution Control Board
3rd Floor, Kalyani Park, G. No. 10, Sector 10, Colaba, Mumbai



Endorsement by the Auctioneer/Seller (except column No. 6 & 7)

Authorisation No.: P/P8/R0(H01)/H5MD/20/H/00074
Date: 28/12/20

Permitted Quantity: 1410 MT/A

| (1) S. No. | (2) Date | (3) Address of the Auctioneer/Seller | (4) Type & Quantity of E-Waste sold/Auctioned | (5) Signature & Seal of the Auctioneer/Recycler/Seller with date | (6) Date of arrival in the Auctioneer/Premises & Challan No. | (7) Balance procured/dismantled quantity |
|------------|----------|--------------------------------------|---|--|--|--|
| 12 | NOV | Flash Electronics | E-waste 190 kg | | | 280270.20 |
| 14 | DEC | Flair Controls | E-waste 224 kg | | | 280249.20 |
| 28 | DEC | HS Solutions | E-waste 279.64 kg | | | 290773.84 |
| 22 | DEC | Boyle & Boyle (Co. Ltd) | E-waste 43 kg | | | 290816.84 |
| 28 | DEC | Boyle & Boyle (Co. Ltd) | E-waste 75 kg | | | 290891.84 |
| 20 | DEC | Amco's Development | E-waste 750 kg | | | 291641.84 |
| 25 | DAN | GTPC | E-waste 800 kg | | | 292441.84 |
| 31 | DAN | Minda Kables Etc | E-waste 90 kg | | | 292531.84 |

* To be filled by the Actual User.

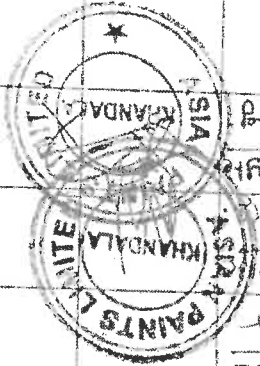


Endorsement by the Auctioneer/Seller (except column No. 6 & 7)

Authorisation No.: M/P8/R0(H02)/H5MD/20/H/00074
Date: 28/12/20

Permitted Quantity: 1410 MT/A

| (1) S. No. | (2) Date | (3) Address of the Auctioneer/Seller | (4) Type & Quantity of E-Waste sold/Auctioned | (5) Signature & Seal of the Auctioneer/Recycler/Seller with date | (6) Date of arrival in the Auctioneer/Premises & Challan No. | (7) Balance procured/dismantled quantity |
|------------|----------|--------------------------------------|---|--|--|--|
| 3 | 31 | GTPC | E-waste 1450 kg | | | 292981.84 |
| 03 | FEB | PHILS | E-waste 2500 kg | | | 296481.84 |
| 04 | FEB | Solutions | E-waste 2757.80 kg | | | 299299.64 |
| 08 | FEB | Industries | E-waste 540 kg | | | 29979.64 |
| 10 | FEB | Asian Paints Limited | E-waste 4240 kg | | | |
| 11 | FEB | Asian Paints Limited | E-waste 1670 kg | | | |



* To be filled by the Actual User.





Corporate Identification Number (CIN) : L24220MH1915PLC004598
For Shares related queries, email to investor.relations@asianpaints.com
For Customer queries/complaints/Dealership enquiries,
email to customercare@asianpaints.com
For HR related queries, email to careers@asianpaints.com
For Media related queries, e-mail to pr.office@asianpaints.com

Asian Paints Limited
Plot No. A1, MIDC,
Khandala Industrial Area,
Taluka - Khandala,
Dist. - Satara, Pin:412802
Tel. No. - 02169 228000
www.asianpaints.com

Ref No: KHN/EHS/2022/11/02

Date: 29 Nov 2022

To,
Addl. Principal Chief Conservator of Forests (C),
Ministry of Environment, Forests & Climate Change
Regional Office (WCZ), Ground Floor, East Wing
New Secretariat Building
Civil Lines, Nagpur

Sub: Submission of Half Yearly Compliance Report

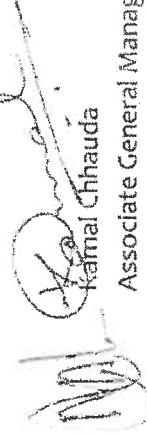
Sir,

We are submitting Half Yearly Compliance Report from April 2022 – September 2022 as per Environment Clearance Guidelines.

The Environment Monitoring Reports attached in annexures are of one month, we are submitting the complete set of Environment Monitoring reports to MPCB Satara office every month.

We state and confirm that we are committed to continuous improvement in all our activities towards environmental protection and management.

Thanking You,
Yours Sincerely,


Kamal Chhanda
Associate General Manager

- ENCL: 1. Part 1 – Data Sheet
2. Part 2 – Compliance to EC Conditions
3. Annexure 1-12





Corporate Identification Number (CIN) : L74220MH1945PLC004598
For Shares related queries, email to investor.relations@asianpaints.com
For Customer queries/complaints/Dealership enquiries,
email to customercare@asianpaints.com
For HR related queries, email to careers@asianpaints.com
For Media related queries, e-mail to proffice@asianpaints.com

Asian Paints Limited
Plot No. A1, MIDC,
Khandala Industrial Area,
Tatuka - Khondala,
Dist. - Satara, Pin-412802
Tel. No. - 02759 226000
www.asianpaints.com

Ref No: KHN/EHS/2022/10/01

Date: 14 Oct 2022

To,
The Sub Regional Officer
Sub-Regional Office,
Satara New Government Bhavan,
2nd Floor, Near S.T. Stand,
Sadar Bazar, Satara - 415 001

Sub: Submission of FORM – V (Environment Statement) for FY 2021-22

Sir,

We bring to your kind notice that the FORM – V (Environment Statement) for FY 2021-22 has been submitted through MPCB Web Portal on 30th Sep 2022, as per Hazardous Waste Management (MH&TM) Rules, 2016. Further, hard copy of the same is attached herewith with this letter for your reference.

We state and confirm that we are committed to continuous improvement in all our activities towards environmental protection and management.

Kindly acknowledge the receipt of the same.

Thanking You,
Yours Sincerely,


Kamal Chauda
Associate General Manager

ENCL: Copy of FORM – V (2021-22) Asian Paints – Khandala


Regional Officer
MPCB
Khandala
Dist. Satara
Pin-412802
Tel. No. 02759 226000
www.mpcb.org



Registered Office : Asian Paints Limited, 6A, Shantinagar, Satara (Maharashtra) India. Form Number: 400 055. Tel : (022) 62181003

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000050073

Submitted Date

30-09-2022

PART A**Company Information****Company Name**
M/s Asian Paints Ltd**Application UAN number**
20640**Address**Plot No A1, MIDC Khandala, Khandala,
Satara, 412802**Plot no**
A1**Taluka**
Khandala**Village**
Khandala**Capital Investment (in lakhs)**
124074**Scale**
Large- > 100 Cr**City**
Satara**Pincode**
412802**Person Name**
Kamal Chhauda**Designation**
ASSOCIATE GENERAL MANAGER**Telephone Number**
02169228001**Fax Number****Email**
kamal.chhauda@asianpaints.com**Region**
SRO-Satara**Industry Category**
Orange**Industry Type**
O55 Paints and varnishes (mixing and blending)**Last Environmental statement submitted online****Consent Number****Consent Issue Date**Formate1.0/CAC/JUAN
No.0000095366/CR-2012000361

2020-12-08

Consent Valid Upto**Establishment Year****Date of last environment statement submitted**

2025-07-31

2010

Sep 30 2021 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)**Product Information****Product Name**
Solvent Based & Water Based Paints**Consent Quantity**
300000**Actual Quantity**
223270.75**UOM**
KL/A

Resins / Polymers

150000

78966.25

KL/A

By-product information**By Product Name****Consent Quantity****Actual Quantity****UOM**

NA

0

0

KL/A

NA

0

0

KL/A



Part-B (Water & Raw Material Consumption)

| Process | Water Consumption in m3/day | Consent Quantity in m3/day | Actual Quantity in m3/day |
|--------------------------------|-----------------------------|----------------------------|---------------------------|
| 1) Water Consumption in m3/day | 767.00 | | 212.20 |
| Water Consumption for | | | |
| Cooling | 186.00 | | 67.06 |
| Domestic | 57.00 | | 45.52 |
| All others | 203.00 | | 112.53 |
| Total | 1213.00 | | 437.31 |

2) Effluent Generation in CMD / MLD

| Particulars | Consent Quantity | Actual Quantity | UOM |
|--|------------------|-----------------|-----|
| Daily quantity of trade effluent from the factory | 115 | 10.64 | CMD |
| Daily quantity of Sewage effluent from the factory | 46 | 6.08 | CMD |
| Daily quantity of treated effluent | 161 | 16.72 | CMD |

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

| Name of Products (Production) | During the Previous financial Year | During the current Financial year | UOM |
|------------------------------------|------------------------------------|-----------------------------------|------|
| Solvent Based & Water Based Paints | 0.36 | 0.35 | K/LA |

3) Raw Material Consumption (Consumption of raw material per unit of product)

| Name of Raw Materials | During the Previous Financial Year | During the current Financial year | UOM |
|-------------------------------|------------------------------------|-----------------------------------|------|
| Powders (Rutile & Extenders) | 0.42 | 0.43 | MT/A |
| Additives | 0.15 | 0.14 | MT/A |
| Solvents | 0.35 | 0.34 | MT/A |
| Oils | 0.04 | 0.05 | MT/A |
| Resin RMs | 0.05 | 0.015 | MT/A |
| Monomers | 0.10 | 0.09 | L |
| Other | 0.01 | 0.06 | MT/A |

4) Fuel Consumption

| Fuel Name | Consent quantity | Actual Quantity | UOM |
|-------------------------|------------------|-----------------|----------|
| HSD (High Speed Diesel) | 1445400 | 59344.17 | Kg/Annum |
| Natural Gas | 1576800 | 570304 | Kg/Annum |
| LPG | 1576800 | 671580 | Kg/Annum |

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

| [A] Water Pollutants Detail | Quantity of Pollutants discharged (kL/day) | Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour | Percentage of variation from prescribed standards with reasons | Standard Reason |
|-----------------------------|--|--|--|-----------------|
| pH | 0 | 7.74 | %variation NA | 6-8.5 NA |

| | | | | | |
|----------------------|--------|--------|-----|------|----|
| Suspended Solids | 0.169 | 10.12 | N/A | 100 | NA |
| BOD (3 Days) | 0.497 | 29.75 | NA | 100 | NA |
| COD | 2.871 | 171.75 | NA | 250 | NA |
| Oil and Grease | 0 | 0 | NA | 10 | NA |
| TDS | 24.812 | 1484 | NA | 2100 | NA |
| Phenolics(C6H5OH) | 0 | 0 | NA | 1 | NA |
| Lead | 0 | 0 | NA | 0.1 | NA |
| Chromium(Hexavalent) | 0 | 0 | NA | 0.1 | NA |
| Chromium Total | 0 | 0 | NA | 2 | NA |
| Zinc as Zn | 0.004 | 0.25 | NA | 5 | NA |
| Copper as Cu | 0 | 0 | NA | 2 | NA |
| Total Heavy Metals | 0 | 0.00 | NA | 7 | NA |
| Nickel as Ni | 0 | 0 | NA | 2 | NA |

**(P) Air (Stack)
Pollutants Detail**

| Pollutants | Quantity of Pollutants discharged (kL/day) | | Concentration of Pollutants discharged(Mg/NM3) | | Percentage of variation from prescribed standards with reasons | Standard | Reason |
|-----------------------------|--|---------------|--|------------|--|----------|--------|
| | Quantity | Concentration | Concentration | %variation | | | |
| DG 1 - Particulates | 0.005 | 29.63 | NA | NA | NA | NA | NA |
| DG 1 - SO2 | 0.009 | 58.86 | NA | NA | NA | NA | NA |
| DG 1 - NOx | 0.008 | 50.36 | NA | NA | NA | NA | NA |
| DG 2 - Particulates | 0.011 | 33.45 | NA | NA | NA | NA | NA |
| DG 2 - SO2 | 0.021 | 63.02 | NA | NA | NA | NA | NA |
| DG 2 - NOx | 0.018 | 53.65 | NA | NA | NA | NA | NA |
| DG 3 - Particulates | 0.002 | 34.50 | NA | NA | NA | NA | NA |
| DG 3 - SO2 | 0.005 | 71.57 | NA | NA | NA | NA | NA |
| DG 3 - NOx | 0.003 | 54.37 | NA | NA | NA | NA | NA |
| DG 4 - Particulates | 0.010 | 37.01 | NA | NA | NA | NA | NA |
| DG 4 - SO2 | 0.023 | 82.24 | NA | NA | NA | NA | NA |
| DG 4 - NOx | 0.015 | 51.80 | NA | NA | NA | NA | NA |
| Thermopack 1 - Particulates | 0.00 | 0.00 | NA | NA | NA | NA | NA |
| Thermopack 1 - SO2 | 0.00 | 0.00 | NA | NA | NA | NA | NA |
| Thermopack 1 - NOx | 0.00 | 0.00 | NA | NA | NA | NA | NA |
| Thermopack 2 - Particulates | 0.193 | 23.61 | NA | NA | NA | NA | NA |
| Thermopack 2 - SO2 | 0.448 | 54.74 | NA | NA | NA | NA | NA |
| Thermopack 2 - NOx | 0.371 | 45.30 | NA | NA | NA | NA | NA |
| Thermopack 3 - Particulates | 0.375 | 22.53 | NA | NA | NA | NA | NA |
| Thermopack 3 - SO2 | 0.839 | 50.46 | NA | NA | NA | NA | NA |
| Thermopack 3 - NOx | 0.683 | 41.07 | NA | NA | NA | NA | NA |
| Thermopack 4 - Particulates | 0.391 | 21.19 | NA | NA | NA | NA | NA |
| Thermopack 4 - SO2 | 1.377 | 74.73 | NA | NA | NA | NA | NA |



| | | | | |
|-------------------------|-------|--------|----|----|
| Thermopack 4 - NOx | 0.787 | 42.69 | NA | NA |
| Boiler 1 - Particulates | 0.708 | 49.20 | NA | NA |
| Boiler 1 - SO2 | 1.51 | 104.94 | NA | NA |
| Boiler 1 - NOx | 0.679 | 47.23 | NA | NA |
| Boiler 2 - Particulates | 0.113 | 34.23 | NA | NA |
| Boiler 2 - SO2 | 0.281 | 85.29 | NA | NA |
| Boiler 2 - NOx | 0.108 | 33.05 | NA | NA |
| DG 5 - Particulates | 0.012 | 35.59 | NA | NA |
| DG 5 - SO2 | 0.027 | 81.96 | NA | NA |
| DG 5 - NOx | 0.017 | 53.88 | NA | NA |
| DG 6 - Particulates | 0.009 | 30.39 | NA | NA |
| DG 6 - SO2 | 0.020 | 70.74 | NA | NA |
| DG 6 - NOx | 0.013 | 47.54 | NA | NA |
| Boiler 3 - Particulates | 0.065 | 28.03 | NA | NA |
| Boiler 3 - SO2 | 0.178 | 76.56 | NA | NA |
| Boiler 3 - NOx | 0.066 | 28.36 | NA | NA |

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type

| | Total During Previous Financial year | Total During Current Financial year | UOM |
|--|--------------------------------------|-------------------------------------|--------|
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | 38.43 | 40.91 | MT/A |
| 23.1 Wastes or residues (not made with vegetable or animal materials) | 75.69 | 48.28 | MT/A |
| 21.1 Process wastes, residues and sludges | 54.02 | 30.28 | MT/A |
| 5.1 Used or spent oil | 23.50 | 11.47 | MT/A |
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | 18438 | 20778 | N Y |
| Other Hazardous Waste | 0 | 672 | Nos./Y |

2) From Pollution Control Facilities

Hazardous Waste Type

| | Total During Previous Financial year | Total During Current Financial year | UOM |
|---|--------------------------------------|-------------------------------------|------|
| 35.3 Chemical sludge from waste water treatment | 40.85 | 111.601 | MT/A |

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type

| | Total During Previous Financial year | Total During Current Financial year | UOM |
|---------------------------|--------------------------------------|-------------------------------------|------|
| Broken Wooden Scrap | 444.86 | 504.43 | MT/A |
| Waste Paper and Cardboard | 147.84 | 134.58 | MT/A |
| Waste Plastic | 75.32 | 86.41 | MT/A |
| Metal Cover Sheets | 43.10 | 91.69 | MT/A |

| | | | |
|------------------|--------|--------|------|
| Waste Containers | 34.80 | 41.70 | MT/A |
| Other Waste | 159.98 | 280.84 | MT/A |

2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|--------------------------|--------------------------------------|-------------------------------------|------|
| NA | 0 | 0 | MT/A |

3) Quantity Recycled or Re-utilized within the unit

| Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|------------|--------------------------------------|-------------------------------------|------|
| 0 | 0 | 0 | MT/A |

Part-F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

1.1 of Hazardous Waste Generated

| Qty of Hazardous Waste | UOM | Concentration of Hazardous Waste |
|--|--------|---|
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | MT/A | CHWTSDF |
| 23.1 Wastes or residues (not made with vegetable or animal materials) | MT/A | CHWTSDF |
| 35.3 Chemical sludge from waste water treatment | MT/A | CHWTSDF |
| 21.1 Process wastes, residues and sludges | MT/A | CHWTSDF |
| 5.1 Used or spent oil | MT/A | Recycle by a sale to authorized recycler |
| 33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes | nos./Y | Reuse/Recycle by a sale to authorized actual user |

2) Solid Waste

Type of Solid Waste Generated

| Type of Solid Waste | Qty of Solid Waste | UOM | Concentration of Solid Waste |
|---------------------------|--------------------|------|------------------------------|
| Broken Wooden Scrap | 504.43 | MT/A | Recycler |
| Waste Paper and Cardboard | 134.58 | MT/A | Recycler |
| Waste Plastic | 86.41 | MT/A | Recycler |
| Metal Cover Sheets | 91.69 | MT/A | Recycler |
| Waste Containers | 41.70 | MT/A | Recycler |
| Other Waste | 280.84 | MT/A | Recycler |

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

| Description | Reduction in Water Consumption (M ³ /day) | Reduction in Fuel & Solvent Consumption (KL/day) | Reduction in Raw Material (Kg) | Reduction in Power Consumption (KWH) | Capital Investment (in Lacs) | Reduction in Maintenance (in Lacs) |
|-------------|--|--|--------------------------------|--------------------------------------|------------------------------|------------------------------------|
| NA | 0 | 0 | 0 | 0 | 0 | 0 |



Part-H

*Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.
[A] Investment made during the period of Environmental Statement*

| <i>Detail of measures for Environmental Protection</i> | <i>Environmental Protection Measures</i> | <i>Capital Investment (Lacks)</i> |
|--|--|-----------------------------------|
| NA | NA | 0 |

[E] Investment Proposed for next Year

| <i>Detail of measures for Environmental Protection</i> | <i>Environmental Protection Measures</i> | <i>Capital Investment (Lacks)</i> |
|--|--|-----------------------------------|
| NA | NA | 0 |

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

NA

MAN No:

MPCB-ENVIRONMENT_STATEMENT-0000050073

Submitted On:

30-09-2022

TEST REPORT

| | |
|------------------------|---|
| Company Name & Address | M/s. Asian Paints Limited Plot No A1, MIDC, Khandala Phase I, Dist- Satara |
|------------------------|---|

| | |
|----------------------------------|--|
| Inward No: SAEN/22-23/527(A)-IV | Date of Sampling : 29.03.2023 |
| Your Ref No. : Test Request | Sampling Method: Instrumental |
| Collected By : SAEN | Date of Analysis : 30.03.2023 |
| Sample Name : DG Insertion Loss | Sampling Location : As mentioned below |
| Report No. : SAEN/TR/22-23/53-64 | Date of Report : 03.04.2023 |

| Sr. No | Monitoring Location | Result | | | | | | | | | | | Difference | Standard Value |
|--------|------------------------|------------------|-------|-------|-------|------|---------------|------|------|--------|--|------|------------|----------------|
| | | Without Acoustic | | | | | With Acoustic | | | | | | | |
| | | N | W | S | E | N | W | S | E | Unit | | | | |
| 1 | DG - S13 (750KVA) | 98.0 | 97.9 | 99.1 | 98.1 | 73.6 | 72.5 | 71.9 | 73.5 | dB (A) | | | | |
| | Average | 98.3 | | | | | 72.9 | | | | | 25.4 | > 25 | |
| 2 | DG - S14 (1010KVA) | 99.1 | 99.4 | 98.3 | 100.1 | 74 | 72.9 | 74.3 | 73.6 | dB (A) | | | | |
| | Average | 99.2 | | | | | 73.7 | | | | | 25.5 | > 25 | |
| 3 | DG - S15 (1010KVA) | 101.3 | 100.8 | 101 | 102.3 | 74.3 | 73.6 | 72.9 | 73.8 | dB (A) | | | | |
| | Average | 101.4 | | | | | 73.7 | | | | | 27.7 | > 25 | |
| 4 | DG - S16 (2000 KVA) | 102.4 | 101.6 | 100.8 | 102.0 | 72.8 | 73.6 | 74.6 | 73.1 | dB (A) | | | | |
| | Average | 101.7 | | | | | 73.5 | | | | | 28.2 | > 25 | |
| 5 | DG - S17 (2000 KVA) | 101.4 | 100.9 | 99.8 | 100.5 | 73.0 | 72.5 | 73.6 | 74.0 | dB (A) | | | | |
| | Average | 100.7 | | | | | 73.3 | | | | | 27.4 | > 25 | |
| 6 | DG - S18 (2000 KVA) | 101.4 | 102.0 | 100.9 | 101.5 | 74.3 | 74.5 | 73.6 | 72.9 | dB (A) | | | | |
| | Average | 101.5 | | | | | 73.8 | | | | | 27.6 | > 25 | |

Remark: All Above results are within MPCB prescribed limits

Note: Standard Value - MPCB

The Acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25dB(A) insertion loss or for meeting the ambient noise standards.

1. Test Report is based on above parameters.
2. Test Results pertain only to the sample tested.
3. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
4. Laboratory Recognized by MoEFCC with Gazette ID : CG-DI-E-24082022-238350, dt.24.08.2022 - Under renewal.

For S A Encon Private Limited



Mr. Anant Mandawadekar - Technical Manager
Authorized Signatory

