asianpaints

Corporate Identification Number (CIN) : L24220MH1945PLC004598
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For HR related queries, email to careers@asianpaints.com
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Asian Paints Limited
Plot No. A1, MIDC,
Khandala Industrial Area,
Taluka - Khandala,
Dist. - Satara, Pin:412802
Tel. No. - 02169 228000
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Ref No: KHN/EHS/2024/11/02

Date: 28 November 2024

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 2024 – September 2024 as per Environment Clearance Guidelines. Further, compliance to latest CTE conditions are also attached for reference.
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 Chhauda
Associate General Manager

ENCL: 1. Part 1 – Data Sheet
2. Part 2 – Compliance to EC Conditions
3. Part 3 – Compliance to CTE Conditions.
4. Annexure 1-14

Six Monthly Compliance Report
Part - 1: DATA SHEET

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 A1, MIDC Khandala, Phase -1, Taluka : Khandala
	a. District(s)	Satara
	b. State(s)	Maharashtra
	c. Latitude/Longitude	
5	Address for correspondence	Plot No. A1, MIDC Khandala, Phase -1, Taluka: Khandala, District : Satara, PIN : 412802
6	a. Address of the Concerned Project Chief Engineer (With Pin Code & Telephone/Telex/Fax Numbers)	Construction has been completed and the project is in Operation since 2013
	Salient Features	
	a. of the project	Paint Manufacturing unit with the installed capacity of 4,50,000 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 MoEF 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 a. Other	
8	Breakup of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units & agricultural land and landless labourers/artisans. a. SC, ST/ Adivasis	Construction has been completed and the project is in Operation from March 2013
	b. Others	
9	Financial Details	
	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 = 1.36 Cr Environment Parameter Testing = 28.18 Lacs Effluent Treatment Cost = 21.95 Lacs Green Belt Maintenance Cost = 50.04 Lacs
	c. Benefit cost ratio / Internal Rate of Return and the year of assessment	-
	d. Whether c. includes the cost of environmental management as shown in the above	
	b) Actual expenditure incurred on the project so far	-
	c) Actual expenditure incurred on the environmental management plans so far	In FY 24-25, the expenditure on Environment Management System (Hazardous Waste Management + Environment Parameter Testing + Effluent Treatment Cost + Green Belt Maintenance Cost) ~ 1.01 Cr
10	Forest land requirement	Not applicable
	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.	
12	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**
	b. Date of Completion (Actual & / or Planned)	**Apr-13**
13	Reason for the delay if the project is yet to start	NA
14	Date of site visits 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	-
15	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. Kamal Chhauda M/s. Asian Paints Ltd. Plot No. A1, MIDC Khandala, Phase-1 Taluka: Khandala, District : Satara PIN: 412802

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Part - 2 : Compliance to EC Conditions [EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010]		Compliance Period : April 2024 – September 2024
S. No.	EC Condition	Compliance
1	The height, construction built up area of proposed construction shall be in accordance with the existing FSI/FAR 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 adherence to the MIDC DC 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 MPCB 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 (BO/RO-Pune/PCI-I.RO(P&P)/EIC-PN-5864-10/E/CC-270) has been granted by MPCB on 15th July 2010. Consent for Establishment (Format1.0/CAC/UAN No.0000116810/CE/2206001151) has been granted by MPCB on 22nd June 2022.
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 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.
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.** Topsoil 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 the 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 material 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.

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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 conditional and PUC certificate was verified by security personnel of APL.
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 100km of Thermal Power Stations).	**Complied.** Portland Puzzlona Cement (PPC) which contains Fly ash 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 lighting.	**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 re-use as per CGWB 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 utilities, toilet flushing, gardening, floor cleaning and production process. Details of rain water collection system is as 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 expert 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/refused to the maximum extent possible. Treatment of 100% 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 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 buildings 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 site 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
30	Fixture 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.

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31	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert 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 TSDF.
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 fulfil 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 fulfil 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 Factories Act, 1948 and Maharashtra Factories
40	Regular supervision of the above and other measures for monitoring should be in place all though 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(ASIANPAINTS)-2009/113/CR.164/TC1 on 8th Sep 2010 2. Construction activity was initiated at the project site only after 1st Oct 2010.
42	Six monthly monitoring reports should be submitted to the Department and MPCB.	**Complied.** Six monthly monitoring reports are submitted to the Department and MPCB. The latest reports are attached as **Annexure 11.**
43	A complete set of all documents submitted to the Department should be forwarded to the MPCB.	**Complied.** A copy of EC-document is submitted to MPCB.
44	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	**Noted for Compliance. Plant is under expansion as per Consent To Establish No : Format1.0/CAC/UAN No.0000116810/CE/2206001151**
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.** Due clearance was obtained from MPCB vide Consent for Establishment and MIDC for land levelling/development.
46	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 is functioning with qualified staff (with background in Environmental Engg/Sciences) for implementation of the stipulated environmental safeguards. The Env Mgt Cell has a Environmental Executive/Manager reporting directly to the Factory Manager.
47	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-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 etc. is 0 Crores Approximate Revenue Expenditure on Operation of ETP, Zero Discharge facilities etc for the FY 24-25 - INR 1.01 Crores.

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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://envis.maharashtra.gov.in.	**Complied.** The information as required was published on 1st October 2010 in: a. Marathi-daily "Sakal" at its Satara-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 11**
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/corporategovernance/csr-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, SO_2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a conventional 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 11**
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 case 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

Part - 3 : Compliance to CTE Conditions [Format1.0/CAC/UAN No.0000116810/CE/2206001151 dated 22/06/2022]		Compliance Period : April 2024 – September 2024
S. No.	CTE Condition	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/ re-conditioner 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	**Complied.** Used batteries are disposed to registered recyclers only. **Details of Recyclers :** **Asquare Industrial Solutions**
4	The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.	**Noted.**
5	This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.	**Noted.**
6	Industry shall segregate trade effluent into strong & weak stream and provide separate treatment system	**Noted.** 1. The ETP is designed for combined treatment of both, trade effluent & Sewage effluent. 2. Separate treatment system is provided for treating strong stream effluent. TRL Rain technology is installed to provide Chemical free effluent treatment System as a sustainability initiative.
7	Industry shall ensure connectivity of OCEMS data to Board server	**Complied.** Online Continuous Emission Monitoring System has been installed for Emission Monitoring.
8	Industry should not manufacture any other product for which permission is not granted by the MPCB	**Complied.** Products for which permission is granted, are manufactured.
9	The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010 and ensure display/upload of six-monthly compliance monitoring report on their official website.	**Complied.**
10	This product-mix shall be considered after commissioning of the project.	**Noted.**
11	This consent is issued pursuant to the decision of Minutes of the Meeting of Technical Committee for change in product mix Dated. 19/2/2022 & 22/2/2022. This Consent is issued based on self-assessment of Pollution Load submitted by you in Board's prescribed format and Certificate of "No Increase in pollution load" issued by empaneled auditors. If any violation and / or submission of misleading information are noticed, then the consent issued will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance	**Noted.**
12	This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 13/4/2022	**Noted.**
13	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 55 CMD of trade effluent.	**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.
14	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 metering 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.
15	As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.	**Complied.** Primary treated sewage connected to Secondy stage of effluent treatment plant for further treatment.
16	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.	**Noted.**
17	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/ CREP guidelines.	**Complied.**

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18	Guidelines for Strom-Water: i. Strom 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. Strom water within the battery limits of a unit shall be channelized through separate drain or pipe passing through a High Density Poly ethylene (HDPE) lines 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 5000 Kl. **Please refer annexure 6 for more details**
19	All the dust generating equipments or process shall be provided with dust extraction arrangement.	**Complied.** Dust extraction arrangement has been provided for dust generating processes & equipments.
20	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.	**Complied.**
21	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.	**Complied.**
22	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 / CREP guidelines.	**Complied.** Air Pollution Control equipments like Scrubber, Stacks, Retrofittings for D.G. Sets has been provided.
23	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.	**Complied.**
24	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).	**Noted.**
25	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 1000/tons/Annum.	**Complied.**
26	The Energy source for lighting purpose shall preferably be LED based	**Complied.** LED light fixtures have been installed in the facility for all lighting requirements.
27	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	**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 utilities, tolilet flushing, gardening, floor cleaning and production process. Details of rain water collection system is as attached in Annexure 6.
28	Conditions for D.G. Set a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.	**Complied.** Acoustic enclosure has been provided to D.G. sets to control the noise.
29	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.	**Complied.** Acoustic enclosure has been provided to D.G. sets to control the noise. Ambient noise standards for the insertion loss has been met. Please refer the annexure 13 for the details
30	c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.	**Complied.**
31	d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.	**Complied.**
32	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.	**Complied.** Proper routine & preventive maintenance procedures for DG set has been set.
33	f) D.G. Set shall be operated only in case of power failure.	**Complied.**
34	g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.	**Complied.**
35	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.	**Complied.**
36	The applicant shall maintain good housekeeping.	**Complied.**
37	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.	**Complied.**
38	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.	**Complied.**
39	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.	**Complied.**
40	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 official site).	**Complied.**

ASIAN PAINTS LIMITED KHANDALA

41	The industry shall submit official e-mail address and any change will be duly informed to the MPCB.	**Complied.** Official Email address has been submitted to MPCB.
42	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.	**Complied.** Retrofit Emission Control Device has been fitted for the D.G. Sets
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 sewage or 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.**
45	The PP shall provide personal protection equipment as per norms of Factory Act	**Complied.** 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 bening monitored as per norms and standards of MPCB as mandated through the CCA (Combined Consent and Authorization) provided for APL Khandala.
47	Whenever due to any accident or other unforeseen act or even, 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 /processed /reused /recovered 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 EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in)	**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 pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	**Complied.** Separate collection system for collection of trade and sewage effluents has been provided. Flowmeters 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.	**Complied.** Adequate measures for control of noise levels has been provided. Please refer the annexure 4B for the details.
56	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 irrigation field where treated effluent is used for irrigation.	**Complied.** A separate environmental management cell has been set up and is functioning with qualified staff (with background in Environmental Engg/Sciences) for implementation of the stipulated environmental safeguards. The Env Mgt Cell has a Environmental Executive/Manager reporting directly to the Factory Manager.
57	The applicant shall provide ports 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 6(5) & 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.

ASIAN PAINTS LIMITED KHANDALA

60	The applicant shall bring minimum 33% of the available open land 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	The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.	**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.
63	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.	**Complied.**
64	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).	**Noted.**
65	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.	**Complied.** 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.

Annexure 1 : Occupational Health Centre

ASIAN PAINTS LIMITED KHANDALA

ASIAN PAINTS LIMITED
KHANDALA

Annexure 2A - Soil Report

KLEAN LABORATORIES AND RESEARCH (P) LTD.

CIN : U73100PN2009PTC211369

An Environmental Laboratory approved by CPCB valid up to 2024.

402 Purushottam Plaza, Baner Road, Pune- 411045.

Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org

TEST REPORT

Test Report No	**2403/SL/945**	**Date**	**16.03.2024**
Name & Address of the Client	**M/S. ASIAN PAINTS LTD.**		
	Khandala Dist.-: Satara		
PO Details	PO Details PO No. **0015320520** Dated **26-06-2021**		

SOIL SAMPLE DETAILS

Type	Container	Collection by	Quantity
Near WATF	Plastic Bag With Zip	Lab	250 Gm
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
07.03.2024	09.03.2024	09.03.2024	16.03.2024

Sampling Procedure		As per KLRPL/QSP/22			
S.No.	**Parameters**	**Method**	**Unit**	**Limit**	**Result**
1	pH	IS 2720 (Part 26)	--	--	8.08
2	Chloride	USEPA 9253	mg/Kg	--	302
3	Sulphate	IS 2720 (Part 27)	mg/Kg	--	72
4	Nitrogen	Agriculture Manual	mg/Kg	--	42.10
5	Potassium	USEPA 3050B	mg/Kg	--	68
6	Sodium	USEPA 3050B	mg/Kg	--	452
7	Lead	USEPA 3050B	mg/Kg	--	BDL(MDL < 0.5)
8	Chromium	USEPA 3050B	mg/Kg	--	BDL(MDL < 0.5)
9	Total Phosphate	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	15.02
10	Calcium	Agriculture Manual	mg/Kg	--	320
11	Zinc	Method 3050B	mg/Kg	--	5.32
12	Copper	Method 3050B	mg/Kg	--	0.85
13	Cadmium	Method 3050B	mg/Kg	--	BDL(MDL < 0.5)
14	Magnesium	Method manual, Ministry of Agriculture, Government of India	mg/Kg	--	120
15	Mercury	USEPA 3050B	mg/Kg	--	BDL(MDL < 0.52)
16	Total Chromium	USEPA 3050B	mg/Kg	--	BDL(MDL < 0.02)
17	Nickel	USEPA 3050B	mg/Kg	--	0.12
18	EC Of 20% Extract at 25oC	IS 14767	ÂµS/cm	--	3880
19	Iron	Agriculture Manual	mg/Kg	--	28.10
20	Alkalinity	Water resources depart., DIRD	mg/Kg	--	1610
21	Cation Exchange Capacity	IS: 2720 (Part 24)	meq/100g	--	18.10
22	Oil & Grease	INHOUSE	mg/Kg	--	BDL(MDL < 1)
23	Nitrate	INHOUSE	mg/Kg	--	5.02
24	Phosphogypsum	--	--	--	ND
25	Cyanide (Free)	EPA 9010 Method	mg/Kg	--	BDL(MDL < 0.01)

ASIAN PAINTS LIMITED KHANDALA

ASIAN PAINTS LIMITED
KOLANGALA

KLEAN

KLEAN LABORATORIES AND RESEARCH (P) LTD.
CIN : U73100PN2009PTC211369
An Environmental Laboratory approved by CPCB valid up to 2024.
402 Purushottam Plaza, Baner Road, Pune- 411045.
Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org

26	Aluminium	INHOUSE	mg/Kg	--	6.38
27	Ammonical Nitrogen	INHOUSE	mg/Kg	--	22.08
28	Bulk Density	INHOUSE	g/cc	--	1.22
29	Clay Content	--	%	--	32.10
30	Exchangeable Magnesium	Agriculture Manual	meq/100g	--	40
31	Exchangeable Potassium	Agriculture Manual	meq/100g	--	22
32	Phosphorus as P	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	5.98
33	Porosity	INHOUSE	%	--	65
34	Sand Content	--	%	--	8
35	Silt Content	--	%	--	11
36	Texture	INHOUSE	--	--	Clay Loam
37	Total Nitrogen As N	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	49.10
38	Arsenic	INHOUSE	mg/Kg	--	BDL(MDL < 0.01)
39	Coefficient of Permeability	INHOUSE	Cm/hr	--	0.05
40	MEK	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
41	Tetrachloroethylene	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
42	Lindane	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
43	Chlorobenzene	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
44	Water Holding Capacity	INHOUSE	Inches/Foot	--	1.1
45	SAR	INHOUSE	--	--	28.50
46	Organic Matter	IS 2720 (Part 22)	%	--	1.12

End of Test report

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

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

Hologram Mandatory.

Authorised by (Sanjay Mardikar G M)

ASIAN PAINTS LIMITED KHANDALA

ASIAN PAINTS LIMITED
KALYAN

Annexure 2B - Ground Water Report

KLEAN LABORATORIES AND RESEARCH (P) LTD.
CIN : U73100MH2009PTC195098
An Environmental Laboratory approved by MoEFCC.
402 Purushottam Plaza, Baner Road, Pune- 411045.
Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org

TC-5512

TEST REPORT

Test Report No	2409/W/4018	Date	07.10.2024
Name & Address of the Client	M/S. ASIAN PAINTS LTD. Khandala Dist-: Satara		
PO Details	P.O.No. 0015385542Dtd 01.04.2024		

WATER SAMPLE DETAILS

Type/Location	Container	Collection by	Quantity
Rajeshree Bag Well Water	Plastic Bottle	Lab	2000 ml
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
30.09.2024	30.09.2024	30.09.2024	07.10.2024

Sampling Procedure		As per KLRPL/QSP/22			
S.No.	**Parameters**	**Method**	**Unit**	**Limit**	**Result**
1	Color	IS: 3025 (Part 4) – 1983 (RA 2017)	Hazen	--	BDL(MDL< 0.5)
2	Turbidity	APHA 3500 -B	NTU	--	BDL(MDL< 0.05)
3	pH	APHA 4500-H+ B	--	--	7.36
4	Total Dissolved Solids	APHA 2540-C	mg/L	--	102
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 CA B	mg/L	--	10
8	Chloride	APHA 4500 - CI – B	mg/L	--	12
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	--	0.112
13	Conductivity	APHA 2510 B	µmhos /Cm	--	170
14	Magnesium Hardness	APHA 3500 MG B	mg/L	--	14
15	Dissolved Phosphate	APHA 4500-P D	mg/L	--	BDL(MDL< 0.1)
16	Phenol Comp	APHA 5530 C	mg/L	--	BDL(MDL< 0.002)

ASIAN PAINTS LIMITED KHANDALA

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	--	42
20	Total Hardness	APHA 2340-C	mg/L	--	40
21	Cyanide	APHA 4500 CN E	mg/L	--	BDL(MDL< 0.01)
22	Pesticides	APHA 6630	mg/L	--	BDL(MDL< 0.0001)
23	C.O.D.	APHA 5220.C	mg/L	--	12
24	Temperature	APHA 2550 B	°C	--	30
25	Ammonical Nitrogen	IS 3025 (PART 34)	mg/L	--	BDL(MDL< 0.1)
26	Total kjeldahl Nitrogen	APHA 4500-NH3-B	mg/L	--	2.31
27	3 Day B.O.D. @ 27^0C	IS : 3025 (PART 44)	mg/L	--	2
28	Calcium Hardness	APHA 3500 CA B	mg/L	--	18
29	Silica	APHA 4500-SIO_2 -C	mg/L	--	12.64
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	--	BDL(MDL< 5)
33	Phosphate	APHA 4500-P D	mg/L	--	BDL(MDL< 0.1)
34	Total Volatile Solids	APHA 2540 E	mg/L	--	48
35	Aluminum	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)
40	Zinc	APHA 3120 B	mg/L	--	0.24

ASIAN PAINTS LIMITED KHANDALA

KLEAN

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Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org

TC-5512

41	Cadmium	APHA 3120 B	mg/L	--	BDL(MDL< 0.003)
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 NABL scope.

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Hologram Mandatory.

Sanjay

Authorised by (Sanjay Mardikar G M)

ASIAN PAINTS LIMITED KHANDALA

Annexure 3 - CCOE

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
ए-1 और ए-2 विंग, पाँचवा तल, केंद्रीय कार्यालय परिसर, सी.बी.डी. बेलापुर
नवी मुंबई (महा.)- 400614
A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),
Mumbai - 400614

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

संख्या /No. : P/HQ/MH/15/6120 (P273778)

दिनांक /Dated 12/12/2019

सेवा में /To,

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

विषय /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 वर्ग B अधिष्ठापन में अनुज्ञप्ति सं P/HQ/MH/15/6120 (P273778) के नवीकरण के संदर्भ 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 P/HQ/MH/15/6120 (P273778) - Renewal regarding

महोदय /Sir (s),

कृपया आपके पत्र क्रमांक OIN405620 दिनांक 07/12/2019 का अवलोकन करें ।
Please refer to your letter No.: OIN405620, dated 07/12/2019

अनुज्ञप्ति संख्या P/HQ/MH/15/6120 (P273778) दिनांक 20/11/2012 को दिनांक 31/12/2024 तक नवीनीकृत कर इस पत्र के साथ अग्रेषित की जा रही है ।
Licence No. P/HQ/MH/15/6120 (P273778) dated 20/11/2012 is forwarded herewith duly renewed upto 31/12/2024

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व Jt. 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 Jt. Chief Controller of Explosives, West Circle, Mumbai, so as to reach his office on or before the date on which Licence expires

कृपया पावती दें।
Please acknowledge the receipt

भवदीय /Yours faithfully,

((डा.अनुज कुमार)
(Dr. Anuj Kumar)
विस्फोटक नियंत्रक
Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
नवी मुंबई (महा.)/Mumbai

ASIAN PAINTS LIMITED KHANDALA

(अधिक 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)

Annexure 4A - Ambient Air Report

HORIZON SERVICES
Analytical Laboratory

TC - 7064

Lab NABL Accredited - Chemical Field,
Lab Approved by MoEF, New Delhi. (Valid till 18/03/2026)

"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Mobile : 7249867318, 8378018710 • Tel. : 020 - 25460202, 25460203. • Email : kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

TEST CERTIFICATE

HS/LAB/NABL/F/7.8.2.1

CLIENT'S NAME & ADDRESS	ULR NO.	TC1328224000008031
M/S ASIAN PAINTS LIMITED Plot no. A1, MIDC, Khandala Phase I, Dist. Satara	REPORT DATE	13/09/2024
	LAB REFERENCE NO.	HS/LAB/AA/375
	SAMPLING DATE	06&07/09/2024
	SAMPLE RECEIPT DATE	09/09/2024
	START DATE OF ANALYSIS	09/09/2024
	END DATE OF ANALYSIS	12/09/2024
	SAMPLING REF. / SOP NO.	HS/NABL/Air/14

DETAILS OF SAMPLE	SAMPLING DONE BY	SAMPLE CONTAINER & QUANTITY	NATURE	LOCATION
Ambient Air	Horizon Services	Plastic Bottles and Bags	--	Near Contractor Shed

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	06&07/09/2024		
02	TEST LOCATION		Near Contractor Shed		
03	TIME OF SAMPLING	Hrs	11:30		
04	TEMPERATURE (Max./Min)	Deg C	30/24		
05	RELATIVE HUMIDITY	% RH	67		
06	SAMPLING DURATION	Hrs	24		
07	PM_{10}	µg/m³	44.29	≤100	IS 5182(part 23):2006, RA 2022
08	$PM_{2.5}$	µg/m³	22.80	≤60	IS 5182(part 24):2019
09	SO_2	µg/m³	12.10	≤80	IS 5182(part 2):2023
10	NO_2	µg/m³	16.72	≤80	IS 5182(part 6):2006 RA 2022
11	Lead	µg/m³	BDL (<0.05)	≤1	IS 5182 (Part 22):2004, RA 2019
12	NH_3	µg/m³	BDL (<30)	≤400	IS 5182(part 25):2018
13	Ozone	µg/m³	BDL (<5)	≤100	IS 5182(part 9):1974, RA 2019
14	Arsenic	ng/m³	BDL (<3)	≤6	HS/NABL/AIR/22
15	Nickel	ng/m³	BDL (<7)	≤20	IS 5182(part 26):2020

Equipment Used: - Fine Dust Sampler, Sr.No.4709 (Polltech Make)
Date of Calibration: -20/02/2024 Next Calibration due: -19/02/2025
REMARKS/OBSERVATIONS: -
NAAQS: - National Ambient Air Quality Standards
BDL-Below Detectable Level

For **HORIZON SERVICES**

(AUTHORIZED SIGNATORY)

ASIAN PAINTS LIMITED KHANDALA

****End of Test Report****

DISCLAIMER.
• Sample will be retained only for 15 days. • Above results indicate to the parameters mentioned only. • Liability limited till issue of test reports only.
• The test report shall not be produced for any legal identity or advertised without permission of lab.

Annexure 4B - Ambient Noise Report

saencó

CIN : U74900PN2011PTC140226

TEST REPORT

Customer Information		Sample Details	
M/s. Asian Paints Limited Plot No A1, MIDC, Khandala Phase I, Dist- Satara		**Sample Name :**	Ambient Noise
		Sample Location:	As Below.
		Sample Drawn by:	SAEN
		Sample Quantity:	20 Locations
Analysis Information		**Report Information**	
Analysis carried out at:	SAEN Lab	**Sample Inward No :**	SAEN/24-25/314 - V
Date of Sample Receipt :	27.09.2024	**Date of Sample collection :**	27.09.2024
Analysis Start Date:	28.09.2024	**Report No. :**	SAEN/TR/24-25/22-81
Analysis End Date:	02.10.2024	**Date of Report :**	02.10.2024

Sr. No	Monitoring Location	Result		Unit	Standard Limits		Test Method
		Day	Night		Day	Night	
1	East Side of the Plant	68.4	66.9	dB (A)	≤ 75	≤ 70	IS: 9989-2020
2	West Side of the Plant	71.2	63.7	dB (A)	≤ 75	≤ 70	
3	North Side of the Plant	65.9	60.6	dB (A)	≤ 75	≤ 70	
4	South Side of the Plant	64.8	58.7	dB (A)	≤ 75	≤ 70	
5	Near Material Gate Corner	71.5	62.3	dB (A)	≤ 75	≤ 70	
6	Near Main Gate	65.3	62.9	dB (A)	≤ 75	≤ 70	
7	Near Scrapyard Corner	67.0	55.7	dB (A)	≤ 75	≤ 70	
8	Near Engineering Corner	64.8	60.3	dB (A)	≤ 75	≤ 70	
9	Solvent Base Pack	73.9	59.3	dB (A)	≤ 75	≤ 70	
10	Monomer Tank	72.8	56.2	dB (A)	≤ 75	≤ 70	
11	Oil Additive Tank Farm	70.8	52.6	dB (A)	≤ 75	≤ 70	
12	Emulsion Tank Farm	73.3	53.2	dB (A)	≤ 75	≤ 70	
13	QA Lab	65.3	52.5	dB (A)	≤ 75	≤ 70	
14	PEL Lab	68.0	57.3	dB (A)	≤ 75	≤ 70	
15	Silo Block - 1st Floor	71.3	56.1	dB (A)	≤ 75	≤ 70	
16	Admin Block - Chiller	74.0	55.2	dB (A)	≤ 75	≤ 70	
17	ETP Blower	74.5	67.8	dB (A)	≤ 75	≤ 70	
18	Air Compressor	73.8	66.9	dB (A)	≤ 75	≤ 70	
19	SPB Basket Mill	73.9	62.9	dB (A)	≤ 75	≤ 70	
20	SPB Sand Mill	73.8	64.6	dB (A)	≤ 75	≤ 70	

Remarks (If Any): Results are well within limit prescribed by MPCB Consent.

Day time shall mean from 06.00 am to 10.00 pm & Night time shall mean from 10.00 pm to 06.00 am. Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing. 'A' in dB (A) Leq, denotes the Frequency weighting in the measurement of noise and corresponds to frequency response characteristic of the human hearing.

Instrument Used : Sound Level Meter - SAEN/Instru/30 A, Calibration Cert. No. 2324/1118/01-22, Valid till 17.11.2024.

Note:

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. The instruments & equipments used for sampling and analysis are calibrated from NABL Accr. Calibration Laboratory, to maintain NIST Traceability.
5. Laboratory Recognized by NABL with Certificate ID : TC-12368, Valid till dt. 09.10.2025.

For S A Encon Private Limited

Mr. Anantrao Nandiwadekar - Technical Manager
Authorized Signatory

S A ENCON PRIVATE LIMITED CIN-U74900 PN2011 PTC140226 SHIRWAL

END OF REPORT

SAEN/F-06 Amd 00 dt. 08.06.2023

ASIAN PAINTS LIMITED KHANDALA

Annexure 5- Stability Certificate

TATA

Date: 08-05-2024

FORM NO. 1A
(RULE 3A)
CERTIFICATE OF STABILITY

Name of Factory	**M/s. Asian Paint Plant Ltd.**
Full Postal Address of the Factory	Plot No. – A1 Khandala MIDC Area, Phase 1, District Satara.
Name of the Occupier of the Factory	Asian Paint Limited
Nature of manufacturing process	Decorative Paint Manufacturing
Name of the Work	Inspection of buildings / structures engineered by TCE for issuing structural stability certificate.
Reference	PO N0. 0015364278 dated 26.05.2023

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 26.05.2014** and examined the various visible parts that have been installed.

Based on the confirmation received vide email dated 21st February 2024 and 13th May 2024 from M/s Asian Paints on rectifying all the defects identified during the site visit on 11th September 2023, I am of the opinion, that all the works of the 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 the intended purpose of manufacturing of water based and solved based paints, for which the machinery, plant etc. are installed

Any structure, part or whole, that is not engineered by TCE or modified by M/s Asian Paints by using services of engineering consultant other than TCE, stability certificate for such structures shall be obtained from respective engineering consultants.

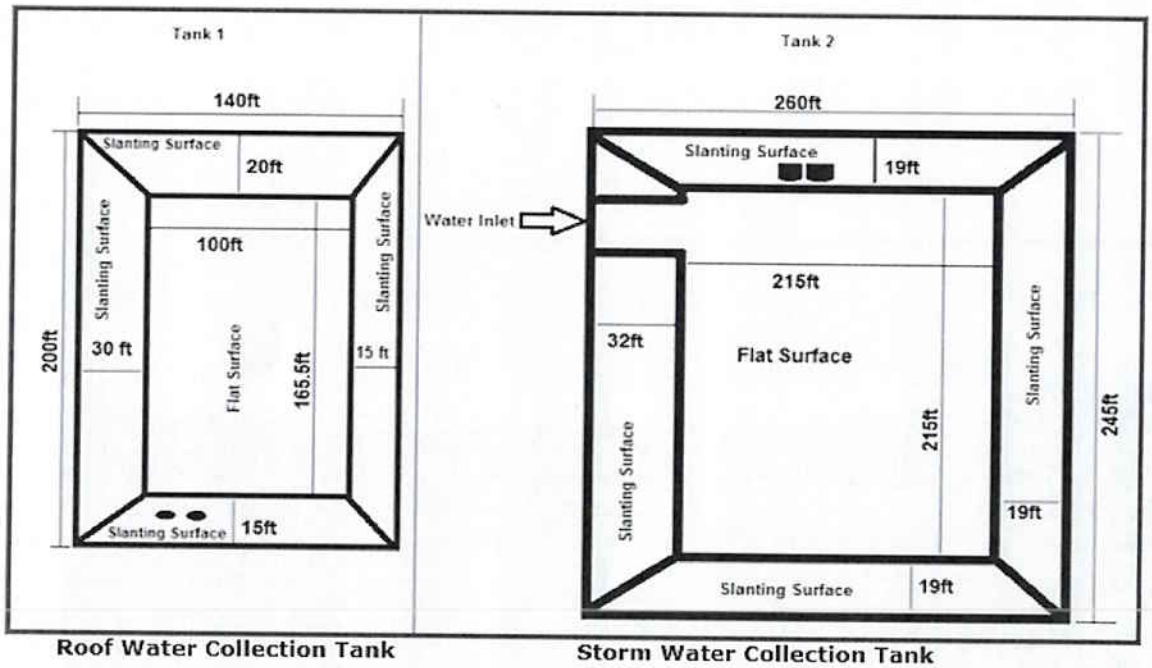
For M/s Tata Consulting Engineers Ltd.

TATA CONSULTING ENGINEERS LIMITED NAVI MUMBAI

(S N Diwakar)
Chartered Engineer – F.I.E.,
Registration No. F-118718-6

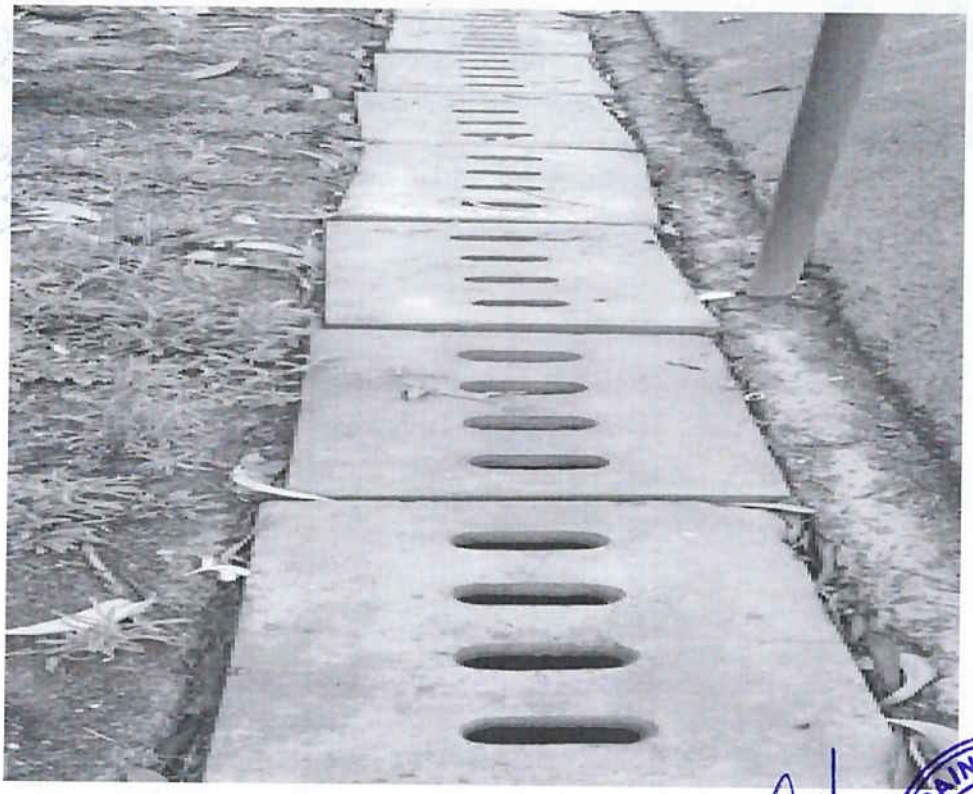
ASIAN PAINTS LIMITED KHANDALA

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



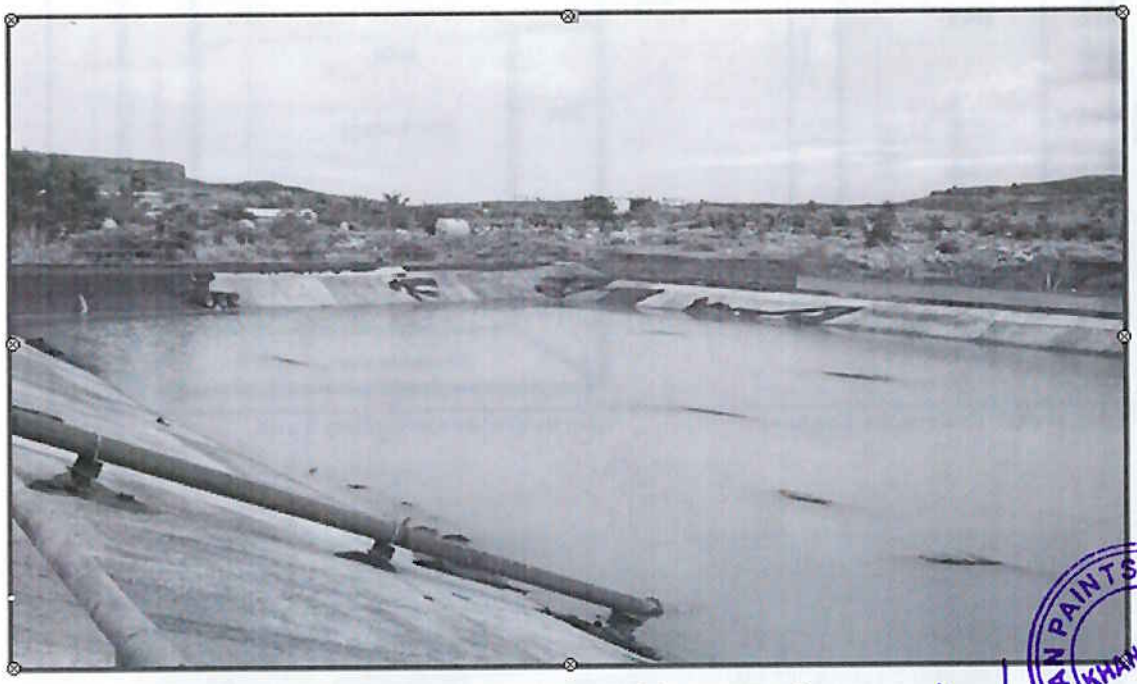
Roof Water Collection Tank

Storm Water Collection Tank



Roadside drains to carry rainwater to Rainwater Harvesting Pond

ASIAN PAINTS LIMITED KHANDALA



Surface water pond in APL site

ASIAN PAINTS LIMITED KHANDALA

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	Sewage	Combined Effluents
Quantity (peak)	KLD	84	34	62	180
pH	-	5.5 – 8.5	7 – 8	8.5	6.5 - 8.5
COD	Mg/L	15000	50	350	< 250
BOD	Mg/L	4000	20	200	< 30
TSS	Mg/L	1200	300	100	<100
TDS	Mg/L	1800	3000	500	< 2100
O & G	Mg/L	300	5	10	< 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 m^3 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.

ASIAN PAINTS LIMITED KHANDALA

Domestic sewage and Utility wastewater flow directly to Bio-reactor Tank of 600 m^3 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.

As pe the condition given in the CTO, separation of trade effluent is done in strong and weak streams. Separate chemical free treatment facility (TRL RAIN Technology) is provided for the treatment of strong streams effluent and for the weak stream effluent treatment, we follow the traditional ETP methodology as mentioned above. TRL RAIN technology is a convection enhanced evaporation system that uses the difference in vapor pressure (Vacuum distillation) due to natural convection between evaporator and condenser to treat effluent.

The treated effluent is passed through a high-recovery Reverse Osmosis plant (RO). The RO permeate is being 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.	Units	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

ASIAN PAINTS LIMITED KHANDALA

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.	
19	TRL Rain Effluent Treatment Plant	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.

ASIAN PAINTS LIMITED KHANDALA

2298.40 KL Effluent Treated from April 2024 – September 2024 and reused back in the process.

The Cost incurred in treating Effluent

Parameter	April	May	June	July	Aug	Sep
Total Effluent Treated	474.00	399	428	329	366	303.30
Power Consumption (KWH)	23849	23548	23896	25750	23833	20229
Power Cost (Rs)	64869	64051	64997	70040	64826	55023
Man Power Used/Day	3	3	3	3	3	3
Man Power Cost (Rs)	46800	46800	46800	46800	46800	46800
Alum Used (KG)	10	15	0	0	0	60
Alum Cost (Rs)	144	216	0	0	0	864
PAC	772	658	348	646	446	664
PAC Cost	29336	25004	13224	24548	16948	25232
Polymer Used(Coagulent)(KG)	0	0	0	0	0	0
Polymer Cost	0	0	0	0	0	0
Poly Used (KG)	16	11	10	8	7	9
Poly Cost (Rs)	3023	2067	1960	1638	1326	1794
Lime Consumed (kg)	0	0	0	0	0	20
LimeCost (Rs)	0	0	0	0	0	425
Caustic Consumed (KG)	417	263	241	373	235	216
Caustic Rate (Rs)	17868	11270	10327	15983	10070	9256
Urea Used (KG)	255	240	250	160	210	230
Urea Cost (Rs)	14025	13200	13750	8800	11550	12650
DAP Used (KG)	153	135	125	102	132	141
DAP Cost (Rs)	5202	4590	4250	3468	4488	4794

Total Cost	181267.2	167197.11	155307.7	171277.1	156007.5	156837.5
Cost Per KL Treatment	382	419	363	520.60	426.25	517

ASIAN PAINTS LIMITED KHANDALA

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 April 2024 – September 2024 = 228 Ton

The Expenditure for Treatment and Disposal of Hazardous Waste = Rs. **73,17,735/-**

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

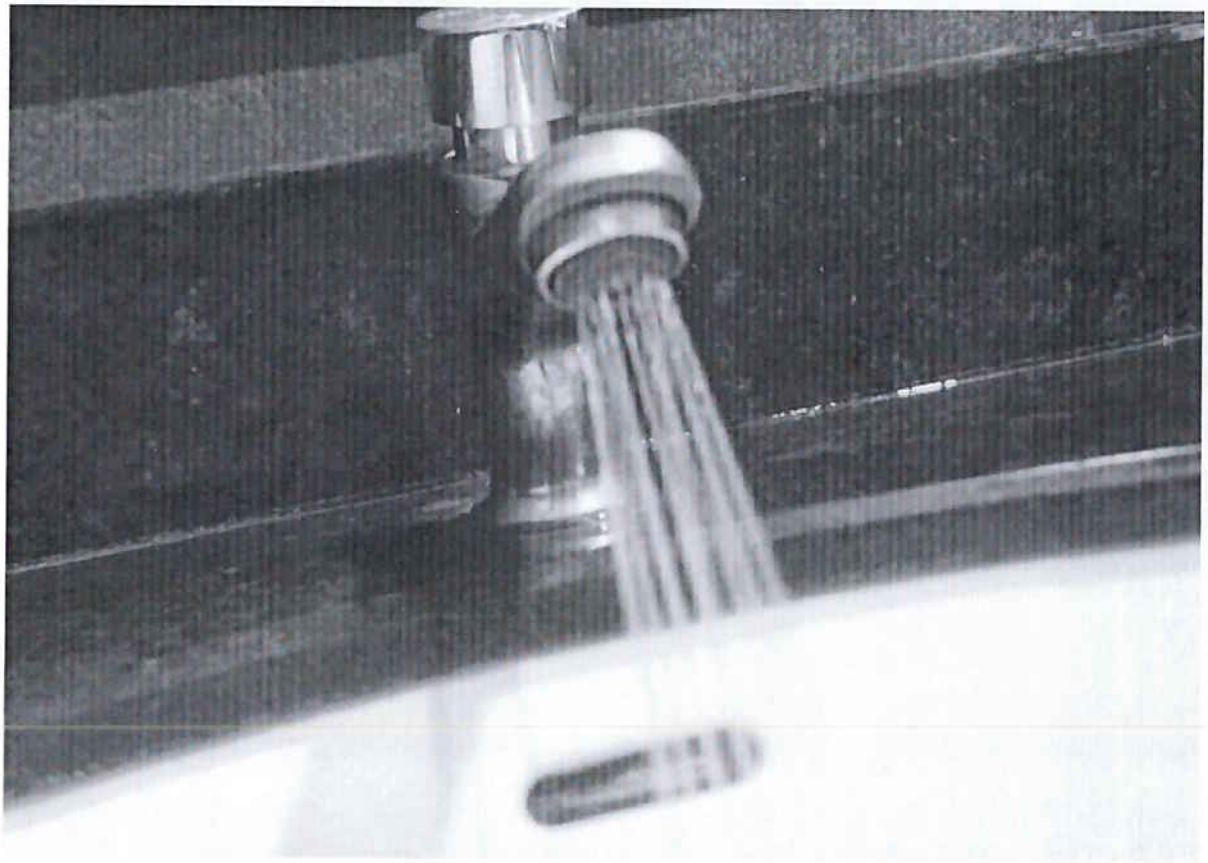
Ambient Air quality is measured monthly by MoeF approved Laboratory Horizon Services Analytical Laboratory.

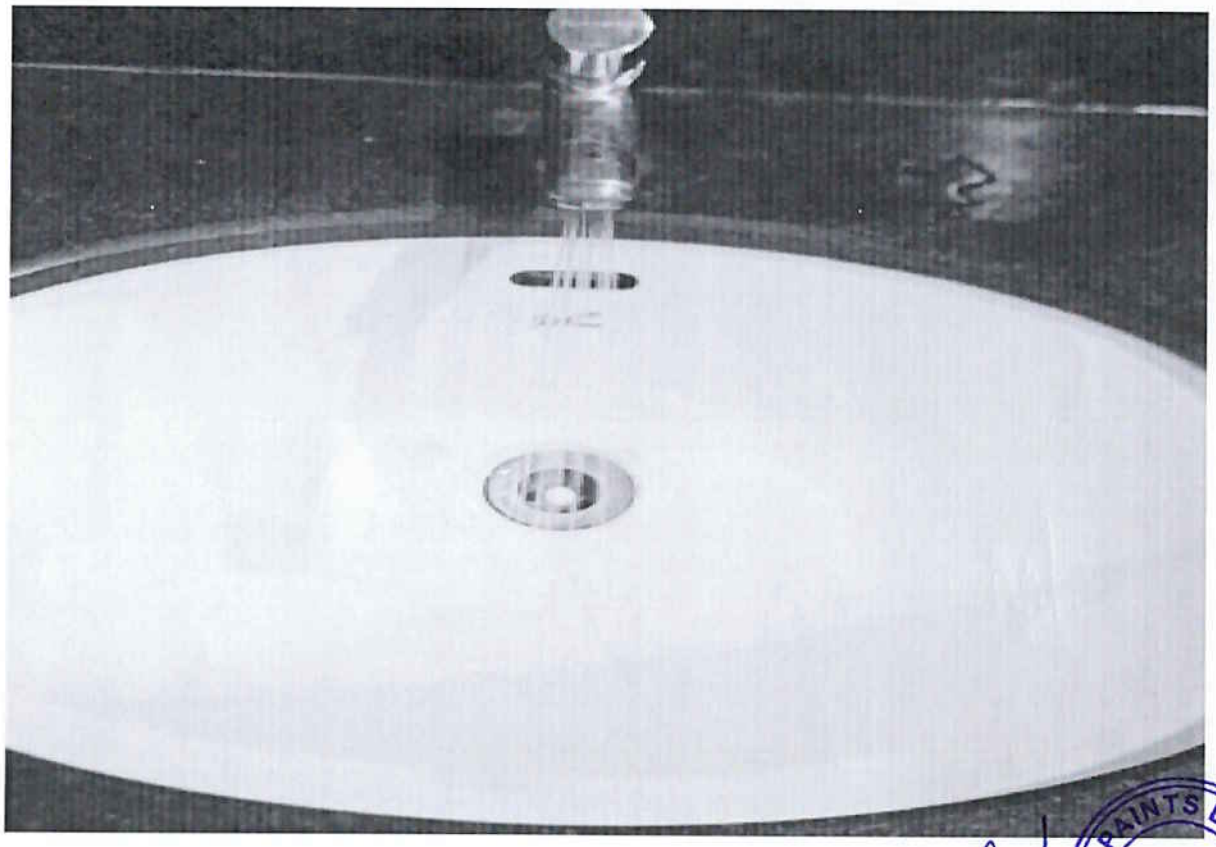
Ground Water and **Soil Samples** are tested by Klean Lab Pvt Ltd which is MoeF approved and the results are attached in annexure

The expenditure for testing of the Environment parameters from Klean Lab, S.A. Encon lab, Horizon Lab and Enviro International Lab are Rs. 801745/--

ASIAN PAINTS LIMITED KHANDALA

Annexure 8 – Low Flow Fixtures





ASIAN PAINTS LIMITED KHANDALA

Annexure 9 - TSDF Membership certificate

SMS

Doc No.. SMS/MEPL/IMS/MKT/BMC
Issue/Rev. No.: 04/00
Rev. Date: 01.02.2020

MAHARASHTRA
ENVIRO POWER LTD

This is to certify that: ***M/S. ASIAN PAINTS LIMITED***
Address: ***Plot No. A - 1, Khandala MIDC, Phase - I, Tal - Khandala, Satara – 412802*** *a Valid member of CHWTSDF (As per MOU with MIDC & MPCB), at Plot No. P-56, Ranjangaon MIDC, Taluka – Shirur, Pune - 412 220.*

Membership No. : MEPL/33004048

Membership Period: 20 September 2022 to 19 September 2027

For Maharashtra Enviro Power Ltd.

Authorized signatory **Marketing Coordinator**

MAHARASHTRA ENVIRO POWER LTD MEPL

ASIAN PAINTS LIMITED KHANDALA

Annexure 10 - E Waste Recycler

Unique No. 0373

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

Name and Address of the Industry : M/s. Asquare Industrial Solutions Gala No. 3, Plot No. 35, Mugaon, MIDC Khopoli Taj Khopoli, Dist- Raigad

Telephone/Fax No. : 9860034557

E-mail Address : asquare.1516@gmail.com

Authorisation No. : MPCB/RO(HQ)/HSMD/Auth/20/EW-

Authorisation issued for : ~~Recycling~~ / dismantling of the E-Waste

Date of Issue : 28/07/2020

Validity Period : 30/06/2025

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

S. No.	Type of E-Waste with Quantity	Quantity (Tons Per Annum)
1	Collection, Segregation and Dismantling of E-Waste. [As per Sch-1 of the E-Waste (M) Rules, 2016]	300 MT/A. (Three hundred only)

Date : 28/07/2020

Place : Mumbai.

N. N. GURAV
Authorised Signatory & Seal
Regional Officer (HQ) & Incharge
[redacted]ardous Subs[redacted]ce Management Division.
Maharshtra [redacted]lution Control Board.
[redacted] Floor, Kalp[redacted]o Point, Opp. C[redacted]
Sion (E), Mumbai
Tel: (022) 24010437, 24[redacted]781
Fax: (022) 24044532

ASIAN PAINTS LIMITED KHANDALA

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

Authorisation No. : ..... Date : .....

Waste(s) Type : ..... Permitted Quantity : .....

S. No.	Date	Address of the Auctioneer / Seller	Type & Quantity of E-Waste sold/ Auctioned	Signature & Seal of the Auctioneer/ Seller with date	Date of arrival in the Recyclers / Dismantler Premises & Challan No.	Balance Quantity procured / dismantled till date
(1)	(2)	(3)	(4)	(5)	(6)*	(7)*
38	03-10-23	Hi Tech Radiators Pvt Ltd Dhenkal	12kg			
39	06-10-23	Precision metal Pvt-Atkargaon	600kg			
40	3-10-23	Asian Paints Limited.	4260kg			
41						
42						

* To be filled by the Recycler

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

Authorisation No. : ..... Date : .....

Waste(s) Type : ..... Permitted Quantity : .....

S. No.	Date	Address of the Auctioneer / Seller	Type & Quantity of E-Waste sold/ Auctioned	Signature & Seal of the Auctioneer/ Seller with date	Date of arrival in the Recyclers / Dismantler Premises & Challan No.	Balance Quantity procured / dismantled till date
(1)	(2)	(3)	(4)	(5)	(6)*	(7)*

* To be filled by the Recycler

Annexure 11 - Half yearly Compliance Report

asianpaints

Corporate Identification Number (CIN) : L24220MH1945PLC004598
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,
Taluka - Khandala,
Dist. - Satara, Pin:412802
Tel. No. - 02169 228000
www.asianpaints.com

Ref No: KHN/EHS/2024/05/04

Date: 25th May 2024

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 October 2023 – March 2024 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 Chhauda
Associate General Manager

ENCL: 1. Part 1 – Data Sheet
2. Part 2 – Compliance to EC Conditions
3. Part 3 - Compliance to CTE Conditions
4. Annexure 1-14

ASIAN PAINTS LIMITED KHANDALA

Six Monthly Compliance Report
Part - 1: DATA SHEET

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 A1, MIDC Khandala, Phase -1, Taluka : Khandala
	a. District(s)	Satara
	b. State(s)	Maharashtra
	c. Latitude/Longitude	
5	Address for correspondence	Plot No. A1, MIDC Khandala, Phase -1, Taluka: Khandala, District : Satara, PIN : 412802
	a. Address of the Concerned Project Chief Engineer (With Pin Code & Telephone Telex/Fax Numbers)	Construction has been completed and the project is in Operation since 2013
6	Salient Features	
	a. of the project	Paint Manufacturing unit with the installed capacity of 4,50,000 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 MoEF 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 a. Other	
8	Breakup of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units & agricultural land and landless labourers/artisans. a. SC, ST Adivasis b. Others	Construction has been completed and the project is in Operation from March 2013
9	Financial Details	
	a. Project cost as originally planned and subsequent revised estimates and the year of price reference	Project Cost originally planned : 1071.63 crores, Project Cost as on March-2023: 1629.74 crores, Project is in the Operation phase now.
	b. Allocation made for environmental management plans with item wise and year wise break up.	In FY 24-25, the expenditure on Environment Management System (Hazardous Waste Management + Environment Parameter Testing + Effluent Treatment Cost + Green Belt Maintenance Cost) = 1.79 Cr
	c. Benefit cost ratio / Internal Rate of Return and the year of assessment	-
	d. Whether c. includes the cost of environmental management as shown in the above	
	b) Actual expenditure incurred on the project so far	-
	c) Actual expenditure incurred on the environmental management plans so far	Hazardous Waste Treatment and Disposal = 0.58 Cr Environment Parameter Testing = 9.47 Lacs Effluent Treatment Cost = 12.22 Lacs Green Belt Maintenance Cost = 25.26 Lacs Environment Improvement Projects= 56 Lacs
10	Forest land requirement	Not applicable
	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.	
12	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**
	b. Date of Completion (Actual & / or Planned)	**Apr-13**
13	Reason for the delay if the project is yet to start	NA
14	Date of site visits 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	-
15	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. Kamal Chhauda M/s. Asian Paints Ltd. Plot No. A1, MIDC Khandala, Phase-1 Taluka: Khandala, District : Satara PIN: 412802

ASIAN PAINTS LIMITED KHANDALA

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Part - 2 : Compliance to EC Conditions [EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010]		Compliance Period : October 2023 – March 2024
S. No.	EC Condition	Compliance
1	The height, construction built up area of proposed construction shall be in accordance with the existing FSI/FAR 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 adherence to the MIDC DC 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 MPCB 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 (BO/RO-Pune/PCI-I.RO(P&P)/EIC-PN-5864-10/E/CC-270) has been granted by MPCB on 15th July 2010. Consent for Establishment (Format1.0/CAC/UAN No.0000116810/CE/2206001151) has been granted by MPCB on 22nd June 2022.
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 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.
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.** Topsoil 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 the 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 material 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.

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Part - 2 : Compliance to EC Conditions [EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010]		Compliance Period : October 2023 – March 2024
S. No.	EC Condition	Compliance
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 conditional and PUC certificate was verified by security personnel of APL.
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 4A.**
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 100km of Thermal Power Stations).	**Complied.** Portland Puzzlona 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 equipment's etc as per National Building Code including measures from lighting.	**Complied.** 1. The details about structural safety of buildings and structures was submitted to MIDC by approved Architect. 2. The provision of fire fighting equipment's 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 re-use as per CGWB 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 utilities, toilet flushing, gardening, floor cleaning and production process. Details of rain water collection system is as 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 expert 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/refused to the maximum extent possible. Treatment of 100% 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 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 buildings 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 site 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

Part - 2 : Compliance to EC Conditions [EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010]		Compliance Period : October 2023 – March 2024
S. No.	EC Condition	Compliance
30	Fixture 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/inert 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 TSDF.
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 fulfil 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. Retrofit Emission Control Device has been fitted for the D.G. Sets.
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 4B.**
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 fulfil 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 Factories Act, 1948 and Maharashtra Factories
40	Regular supervision of the above and other measures for monitoring should be in place all though 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(ASIANPAINTS)-2009/113/CR.164/TC1 on 8th Sep 2010 2. Construction activity was initiated at the project site only after 1st Oct 2010.
42	Six monthly monitoring reports should be submitted to the Department and MPCB.	**Complied.** Six monthly monitoring reports are submitted to the Department and MPCB. The latest reports are attached as **Annexure 11.**
43	A complete set of all documents submitted to the Department should be forwarded to the MPCB.	**Complied.** A copy of EC-document is submitted to MPCB.
44	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	**Noted for Compliance.**
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.** Due clearance was obtained from MPCB vide Consent for Establishment and MIDC for land levelling/development.
46	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 Engg/Sciences) for implementation of the stipulated environmental safeguards. The Environment Management Cell has a Environmental Executive/Manager reporting directly to the Factory Manager.

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Part - 2 : Compliance to EC Conditions [EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010]		Compliance Period : October 2023 – March 2024
S. No.	EC Condition	Compliance
47	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise break-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 etc - 15.0 Crores Approximate Revenue Expenditure on Operation of ETP, Zero Discharge facilities etc for the FY 23-24 - INR 2.10 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://envis.maharashtra.gov.in.	**Complied.** The information as required was published on 1st October 2010 in: a. Marathi-daily "Sakal" at its Satara-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 11**
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/corporategovernance/csr-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, SO_2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a conventional 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 11**
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 case 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

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Part - 3 : Compliance to CTE Conditions [Format1.0/CAC/UAN No.0000116810/CE/2206001151 dated 22/06/2022]		Compliance Period : October 2023 – March 2024
S. No.	CTE Condition	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/ re-conditioner or at the designated collection centre.	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	Complied. Used batteries are disposed to registered recyclers only. **Details of Recyclers :** **Asquare Industrial Solutions**
4	The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.	Noted.
5	This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.	Noted.
6	Industry shall segregate trade effluent into strong & weak stream and provide separate treatment system	Noted. 1. The ETP is designed for combined treatment of both, trade effluent & Sewage effluent. 2. Separate treatment system is provided for treating strong stream effluent. TRL Rain technology is installed to provide Chemical free effluent treatment System as a sustainability initiative.
7	Industry shall ensure connectivity of OCEMS data to Board server	Complied. Online Continuous Emission Monitoring System has been installed for Emission Monitoring.
8	Industry should not manufacture any other product for which permission is not granted by the MPCB	Complied. Products for which permission is granted, are manufactured.
9	The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC (ASIANPAINTS)-2009/113/CR.164/TC1 dated 08/9/2010 and ensure display/upload of six-monthly compliance monitoring report on their official website.	Complied.
10	This product-mix shall be considered after commissioning of the project.	Noted.
11	This consent is issued pursuant to the decision of Minutes of the Meeting of Technical Committee for change in product mix Dated. 19/2/2022 & 22/2/2022. This Consent is issued based on self-assessment of Pollution Load submitted by you in Board's prescribed format and Certificate of "No Increase in pollution load" issued by empanelled auditors. If any violation and / or submission of misleading information are noticed, then the consent issued will stand automatically cancelled and you have to follow the procedure of EIA Notification, 2006 and Amendments thereof for obtaining Environmental Clearance	Noted.
12	This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 13/4/2022	Noted.
13	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 55 CMD of trade effluent.	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.
14	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 metering 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.
15	As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.	Complied. Primary treated sewage connected to Secondary stage of effluent treatment plant for further treatment.
16	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.	Noted.
17	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/ CREP guidelines.	Complied.

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Part - 3 : Compliance to CTE Conditions [Format1.0/CAC/UAN No.0000116810/CE/2206001151 dated 22/06/2022]		Compliance Period : October 2023 – March 2024
S. No.	CTE Condition	Compliance
18	Guidelines for Strom-Water: i. Strom 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. Strom water within the battery limits of a unit shall be channelized through separate drain or pipe passing through a High Density Poly ethylene (HDPE) lines 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 5000 Kl. Please refer annexure 6 for more details
19	All the dust generating equipment's or process shall be provided with dust extraction arrangement.	Complied. Dust extraction arrangement has been provided for dust generating processes & equipment's.
20	The bag houses, etc. shall be connected to chimneys or stacks of at least 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.	Complied.
21	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.	Complied.
22	The Applicant shall provide Specific Air Pollution control equipment's as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.	Complied. Air Pollution Control equipment's like Scrubber, Stacks, Retrofitting's for D.G. Sets has been provided.
23	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.	Complied.
24	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).	Noted.
25	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 1000/tons/Annum.	Complied.
26	The Energy source for lighting purpose shall preferably be LED based	Complied. LED light fixtures have been installed in the facility for all lighting requirements.
27	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	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 utilities, toilet flushing, gardening, floor cleaning and production process. Details of rain water collection system is as attached in Annexure 6.
28	Conditions for D.G. Set a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.	Complied. Acoustic enclosure has been provided to D.G. sets to control the noise.
29	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.	Complied. Acoustic enclosure has been provided to D.G. sets to control the noise. Ambient noise standards for the insertion loss has been met. Please refer the annexure 13 for the details
30	c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.	Complied.
31	d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.	Complied.
32	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.	Complied. Proper routine & preventive maintenance procedures for DG set has been set.
33	f) D.G. Set shall be operated only in case of power failure.	Complied.
34	g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.	Complied.
35	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.	Complied.
36	The applicant shall maintain good housekeeping.	Complied.
37	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.	Complied.

ASIAN PAINTS LIMITED KHANDALA

Part - 3 : Compliance to CTE Conditions [Format1.0/CAC/UAN No.0000116810/CE/2206001151 dated 22/06/2022]		Compliance Period : October 2023 – March 2024
S. No.	CTE Condition	Compliance
38	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 equipment's 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.	Complied.
39	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.	Complied.
40	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 official site).	Complied.
41	The industry shall submit official e-mail address and any change will be duly informed to the MPCB.	Complied. Official Email address has been submitted to MPCB.
42	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.	Complied. Retrofit Emission Control Device has been fitted for the D.G. Sets
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 sewage or 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.
45	The PP shall provide personal protection equipment as per norms of Factory Act	Complied. 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 APL Khandala.
47	Whenever due to any accident or other unforeseen act or even, 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 equipment's, 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 /processed /reused /recovered 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 EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in)	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 pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.	Complied. Separate collection system for collection of trade and sewage effluents has been provided. Flowmeters 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.	Complied. Adequate measures for control of noise levels has been provided, Please refer the annexure 4B for the details.

ASIAN PAINTS LIMITED KHANDALA

Part - 3 : Compliance to CTE Conditions [Format1.0/CAC/UAN No.0000116810/CE/2206001151 dated 22/06/2022]		Compliance Period : October 2023 – March 2024
S. No.	CTE Condition	Compliance
56	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 irrigation field where treated effluent is used for irrigation.	Complied. A separate environmental management cell has been set up and is functioning with qualified staff (with background in Environmental Engg/Sciences) for implementation of the stipulated environmental safeguards. The Environment Management Cell has a Environmental Executive/Manager reporting directly to the Factory Manager.
57	The applicant shall provide ports 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 6(5) & 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 33% of the available open land 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	The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.	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.
63	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.	Complied.
64	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).	Noted.
65	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.	Complied. 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.

ASIAN PAINTS LIMITED KHANDALA

Annexure 12 - Environment Statement

asianpaints

Corporate Identification Number (CIN) : L24220MH1945PLC004598
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,
Taluka - Khandala,
Dist. - Satara, Pin:412802
Tel. No. - 02169 228000
www.asianpaints.com

Ref No: KHN/EHS/2024/10/02

Date: 05th October 2024

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 the period of April -2023 – March 2024

Sir,

We bring to your kind notice that the FORM-V (Environment Statement) for the period of April 2023 - March 2024 has been submitted through MPCB Web portal on 28th September 2024 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 Chhauda
Associate General Manager

Received
09/10/2024
Sub-Regional Office
M. P. C. Board, Satara
NEW ADMINISTRATIVE BUILD
2nd Floor, Behind S.T. Stan
Sadar Bazar, Satara 415 00
Ph - (02162) 233522

ENCL: Copy of FORM – V (Environment Statement) for FY2023-24 Asian Paints Khandala

ASIAN PAINTS LIMITED KHANDALA

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number
MPCB-ENVIRONMENT_STATEMENT-0000073455

Submitted Date
28-09-2024

PART A

Company Information

Company Name
ian Paints Limited

Application UAN number
20640

Address
Plot No. A1, MIDC Khandala, Kesurdi Phase-1, Tal-Khandala, Dist. Satara

Plot no
Plot No. A1

Taluka
Khandala

Village
Kesurdi

Capital Investment (In lakhs)
162974

Scale
Large

City
Satara

Pincode
412802

Person Name
Kamal Chhauda

Designation
Associate General Manager

Telephone Number
02169228000

Fax Number
0

Email
kamal.chhauda@asianpaints.com

Region
SRO-Satara

Industry Category
Red

Industry Type
R21 Manufacturing of paints varnishes, pigments and intermediate (excluding blending/mixing)

Last Environmental statement submitted online
no

Consent Number
Format1.0/CAC/UAN No.MPCB-CONSENT-0000176577/CO/2311001071

Consent Issue Date
2023-11-12

Consent Valid Upto
2025-07-31

Establishment Year
2010

Date of last environment statement submitted
Sep 29 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Water Based & Solvent Based Paints	450000	236037.320	KL/A
Resins	55000	38910.420	KL/A
Polymers	170000	49323.150	KL/A

ASIAN PAINTS LIMITED KHANDALA

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	KL/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	***Consent Quantity in m3/day***	***Actual Quantity in m3/day***
Process	766.00	233.52
Cooling	210.00	91.27
Domestic	76.00	50.81
All others	352.00	236.43
Total	1404.00	612.03

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Daily quantity of trade effluent from the factory	55	11.390	CMD
Daily quantity of sewage effluent from the factory	50	9.460	CMD
Daily quantity of treated effluent	105	20.850	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***
Water Based & Solvent Based Paints	0.35	0.362	KL/A

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)	0.411	0.402	MT/A
Additives	0.139	0.127	MT
Solvents	0.369	0.331	MT/A
Oils	0.055	0.055	MT/A
Resin RMs	0.168	0.177	MT/A
Monomers	0.099	0.107	MT/A
Other	0.040	0.024	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
HSD (High Speed Diesel)	1445400.000	44643.210	Kg/Annum
LPG	2803200.000	1306496.000	Kg/Annum
LNG	2803200.000	91583.000	Kg/Annum
Biogas	6570000	105321.6	NM3/Annum

ASIAN PAINTS LIMITED KHANDALA

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***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
pH	0	7.420	NA	6 to 8.5	NA
Suspended Solids	0.072	3.440	NA	100	NA
BOD 3 Days	0.339	16.204	NA	100	NA
COD	1.312	62.742	NA	250	NA
TDS	16.912	808.933	NA	2100	NA
Oil and Grease	0.000	0.020	NA	10	NA
Phenolics(C6H5OH)	0	0	NA	1	NA
Lead	0	0	NA	0.1	NA
Chromium(Hexavalent	0	0	NA	0.1	NA
,romium Total	0	0	NA	2	NA
Zinc as Zn	0.001	0.049	NA	5	NA
Copper as Cu	0.006	0.270	NA	2	NA
Total Heavy Metals	0.007	0.311	NA	7	NA
Nickel as Ni	0.001	0.029	NA	2	NA

[B] Air (Stack)

Pollutants Detail	***Quantity of Pollutants discharged (kL/day)***	***Concentration of Pollutants discharged(Mg/NM3)***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
DG 1 - Particulates	0.007	34.356	NA	NA	NA
DG 1 - SO2	0.008	37.348	NA	NA	NA
; 1 - NOx	0.013	63.495	NA	NA	NA
DG 2 - Particulates	0.035	29.272	NA	NA	NA
DG 2 - SO2	0.049	41.086	NA	NA	NA
DG 2 - NOx	0.072	59.891	NA	NA	NA
DG 3 - Particulates	0.019	27.903	NA	NA	NA
DG 3 - SO2	0.020	30.273	NA	NA	NA
DG 3 - NOx	0.024	35.277	NA	NA	NA
DG 4 - Particulates	0.018	28.783	NA	NA	NA
DG 4 - SO2	0.020	30.829	NA	NA	NA
DG 4 - NOx	0.031	49.073	NA	NA	NA
DG 5 - Particulates	0.016	28.397	NA	NA	NA
DG 5 - SO2	0.018	31.096	NA	NA	NA
DG 5 - NOx	0.029	50.477	NA	NA	NA
DG 6 - Particulates	0.029	33.558	NA	NA	NA
DG 6 - SO2	0.031	35.781	NA	NA	NA

ASIAN PAINTS LIMITED KHANDALA

DG 6 - NOx	0.040	46.408	NA	NA	NA
Boiler 1 - Particulates	0.162	11.259	NA	NA	NA
Boiler 1 - SO2	0.078	5.411	NA	NA	NA
Boiler 1 - NOx	0.072	5.014	NA	NA	NA
Boiler 2 - Particulates	0.042	10.971	NA	NA	NA
Boiler 2 - SO2	0.022	5.849	NA	NA	NA
Boiler 2 - NOx	0.020	5.172	NA	NA	NA
Boiler 3 - Particulates	0.000	38.148	NA	NA	NA
Boiler 3 - SO2	0.000	49.743	NA	NA	NA
Boiler 3 - NOx	0.000	65.690	NA	NA	NA
Thermopack 1 - Particulates	0.128	11.395	NA	NA	NA
Thermopack 1 - SO2	0.069	6.124	NA	NA	NA
Thermopack 1 - NOx	0.056	5.014	NA	NA	NA
Thermopack 2 - Particulates	0.117	13.895	NA	NA	NA
Thermopack 2 - SO2	0.050	5.928	NA	NA	NA
Thermopack 2 - NOx	0.041	4.903	NA	NA	NA
Thermopack 3 - Particulates	0.440	11.265	NA	NA	NA
Thermopack 3 - SO2	0.236	6.031	NA	NA	NA
Thermopack 3 - NOx	0.190	4.857	NA	NA	NA
Thermopack 4 - Particulates	0.035	11.371	NA	NA	NA
Thermopack 4 - SO2	0.020	6.338	NA	NA	NA
Thermopack 4 - NOx	0.016	5.172	NA	NA	NA

Part-D

HAZARDOUS WASTES
1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
21.1 Process wastes, residues and sludges	37.31	28.401	MT/A
23.1 Wastes or residues (not made with vegetable or animal materials)	42.670	43.840	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	50.699	30.911	MT/A
36.2 Spent carbon or filter medium	0	0	MT/A
34.1 Chemical-containing residue arising from decontamination.	0	0	MT/A
35.2 Spent ion exchange resin containing toxic metals	0	0	MT/A
35.4 Oil and grease skimming	0	0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	20035	15180	Nos./Y
4.3 Slop oil	0	0	MT/A
5.2 Wastes or residues containing oil	0	0	MT/A
5.1 Used or spent oil	3.69	7.2	MT/A
15.2 Discarded asbestos	0	0	MT/A

ASIAN PAINTS LIMITED KHANDALA

20.1 Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for reuse.	0	0	MT/A
20.3 Distillation residues	0	0	MT/A
35.1 Exhaust Air or Gas cleaning residue	0	0	MT/A
Other Hazardous Waste	204	46	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	71.716	54.532	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	533.050	730.790	MT/A
aste Paper & Cardboards etc	54.310	59.170	MT/A
Waste Plastic	194.450	188.000	MT/A
PVC Pipes	0	0	MT/A
Metal Cover Sheet	11.330	221.530	MT/A
Waste Containers	49.940	42.810	MT/A
Other waste	92.580	210.110	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	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

Type of Hazardous Waste Generated	***Qty of Hazardous Waste***	***UOM***	***Concentration of Hazardous Waste***
21.1 Process wastes, residues and sludges	28.401	MT/A	CHWTSDF
23.1 Wastes or residues (not made with vegetable or animal materials)	43.840	MT/A	CHWTSDF
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	30.911	MT/A	CHWTSDF
35.3 Chemical sludge from waste water treatment	54.532	MT/A	CHWTSDF
5.1 Used or spent oil	7.200	MT/A	Recycle by a sale to authorized recycler

ASIAN PAINTS LIMITED KHANDALA

33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	15180	Nos./Y	Recycle by a sale to authorized recycler

2) Solid Waste

Type of Solid Waste Generated	***Qty of Solid Waste***	***UOM***	***Concentration of Solid Waste***
Broken Wooden Scrap	730.790	MT/A	Recycler
Waste Paper & Cardboards etc	59.170	MT/A	Recycler
Waste Plastic	188.000	MT/A	Recycler
PVC Pipes	0.000	MT/A	Recycler
Metal Cover Sheet	221.530	MT/A	Recycler
Waste Containers	42.810	MT/A	Recycler
Other waste	210.110	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 (M3/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

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Installed TRL - Chemical Free Effluent Treatment Process. it is the chemical free treatment approach that does not rely on coagulation and flocculation to remove the chemicals	Chemical free effluent treatment using patented TRL technology.	130
Installed Retrofit Emission Control Devices for all DG Sets to reduce the particulate matter emission from the stacks	Retrofit Emission Control Devices	60

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	***Environmental Protection Measures***	***Capital Investment (Lacks)***
Thermo Catalytic De-Polymerization Process generating poly fuel from the plastic waste..	Poly fuel from the plastic waste by the process of Thermo Catalytic De-Polymerization	90
Implementation of Emulsion Reactor Wash Water reuse scheme - Wash water generated from the reactor will get used in the paint processing.	Emulsion Reactor Wash Water reuse scheme	41

ASIAN PAINTS LIMITED KHANDALA

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Kamal Chhauda - Associate General Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000073455

Submitted On:

28-09-2024

ASIAN PAINTS LIMITED
KHANDALA

ASIAN PAINTS LIMITED
KHANDALA

Annexure 13 - D.G. Insertion Loss Report

saenco

CIN : U74900PN2011PTC140226

TEST REPORT

Customer Information		Sample Details	
M/s. Asian Paints Limited Plot No A1, MIDC, Khandala Phase I, Dist- Satara		**Sample Name :**	DG Insertion Loss
		Sample Location:	As Below.
		Sample Drawn by:	SAEN
		Sample Quantity:	6 nos
Analysis Information		**Report Information**	
Analysis carried out at:	SAEN Lab	**Sample Inward No :**	SAEN/24-25/285 - II
Date of Sample Receipt :	10.09.2024	**Date of Sample collection :**	10.09.2024
Analysis Start Date:	11.09.2024	**Report No. :**	SAEN/TR/24-25/20-54
Analysis End Date:	17.09.2024	**Date of Report :**	17.09.2024

Sr. No	Monitoring Location	Result								Unit	Difference	Standard Value	Test Method
		Without Acoustic				With Acoustic							
		N	W	S	E	N	W	S	E				
1	DG - S13 (750KVA)	98.2	98.9	98.3	98.6	73.4	73.2	73.3	72.2	dB(A)			IS: 4758-2017
	Average	**98.5**				**73.0**				dB(A)	25.5	> 25	
2	DG - S14 (1010KVA)	98.2	98.2	98.0	98.3	72.6	71.3	72.6	73.0	dB(A)			
	Average	**98.2**				**72.4**				dB(A)	25.8	> 25	
3	DG - S15 (1010KVA)	98.9	99.8	100.2	98.3	73.2	73.1	74.3	72.0	dB(A)			
	Average	**99.3**				**73.2**				dB(A)	26.2	> 25	
4	DG - S16 (2000 KVA)	99.8	101.0	100.3	97.3	72.8	72.2	73.2	73.3	dB(A)			
	Average	**99.6**				**72.9**				dB(A)	26.7	> 25	
5	DG - S17 (2000 KVA)	100.1	99.3	99.4	100.8	74.2	74.1	74.4	74.6	dB(A)			
	Average	**99.9**				**74.3**				dB(A)	25.6	> 25	
6	DG - S18 (2000 KVA)	101.8	101.3	101.0	101.0	75.0	74.9	74.3	73.3	dB(A)			
	Average	**101.3**				**74.4**				dB(A)	26.9	> 25	

Remarks (If Any): Results are well within limits prescribed by MPCB Consent.

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.

Instrument Used : Sound Level Meter - SAEN/Instru/30 A, Calibration Cert. No. 2324/1118/01-22, Valid till 17.11.2024.

Note:

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. The instruments & equipments used for sampling and analysis are calibrated from NABL Accr. Calibration Laboratory, to maintain NIST Traceability.
5. Laboratory Recognized by NABL with Certificate ID : TC-12368, Valid till dt. 09.10.2025.

For S A Encon Private Limited

Mr. Anantrao Nandawadekar - Technical Manager

Authorized Signatory

S A ENCON PRIVATE LIMITED CIN-U74900 PN2011 PTC140226 SHIRWAL

ASIAN PAINTS LIMITED KHANDALA

END OF REPORT

SAEN/F-06 Amd 00 dt. 08.06.2023

Annexure 14

PART – A

Awareness among people working within the Project area on ban of Single Use Plastic

1. **<u>Awareness on Plastic waste during Work Environment Week celebration:</u>**

A. Created Awareness through Taking Awareness Sessions on Importance of Plastic Pollution.

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PART – B

Awareness among people working in surrounding area on ban of Single Use Plastic