

**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	2009/13/CR.164/TC1
4	Location	Plot A1, MIDC Khandala, Phase -1, Taluka : Khandala
	a. District(s)	Satara
	b. State(s)	Maharashtra
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) Salient Features	Construction has been completed and the project is in Operation since 2013
6	a. of the project	Paint Manufacturing unit with the installed capacity of 3,00,000 KL per annum for Water Based and Solvent Based Paint
	b. of the environmental management plans	Effluent Treatment Plant has been setup with the peak capacity of 180 KLD. Environment Parameter Monitoring is done by external 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.	Construction has been completed and the project is in Operation from March 2013
	a. SC, ST/ Adivasis	
	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 breakup.	Hazardous Waste Treatment and Disposal = 1.29 Cr Environment Parameter Testing = 23.35 Lacs Effluent Treatment Cost = 14 Lacs Green Belt Maintenance Cost = 45 Lacs
10	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	In FY 22-23, the expenditure on Environment Management System (Hazardous Waste Management + Environment Parameter Testing + Effluent Treatment Cost + Green Belt Maintenance Cost) ~ 1.01 Cr
11	c) Actual expenditure incurred on the environmental management plans so far	Not applicable
	Forest land requirement	
	a. The status of approval for diversion of forest land for non-forestry use	
12	b. The status of clearing felling	
	c. The status of compensatory afforestation, if any	
	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads), if any with quantitative information required.	
13	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
14	b. Date of Completion (Actual &/ or Planned)	Apr-13
	Reason for the delay if the project is not to start	NA
15	Date of site visits	-
	a) The dates on which the project was monitored by the Regional Office on the previous occasions, if any.	-
15	b) Date of site visit for this monitoring report	-
	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits).	Mr. Kamal Chhanda M/s. Asian Paints Ltd. Plot No. A1, MIDC Khandala, Phase-1 Taluka: Khandala, District : Satara PIN: 412802





S.No.	EC Condition	Compliance
1	The height, construction built up area of proposed construction shall be in accordance with the existing FS/IFAR 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 DSH.
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/PC/1,RO(F&P)/E/C-PN-S864-10/E/C-270) has been granted by MPCB on 15th July 2010
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.



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 COE has been followed during installation of the Diesel storage tank. Details are as provided in Annexure 3.
17	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours	Complied. All vehicles hired for bringing construction material were in good condition and PUC certificate was verified by security personnel of 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 Puzzolona Cement (PPC) which contains Flyash was used during the construction.
20	Ready mixed concrete must be used in building construction.	Complied. Ready Mix Concrete (RMC) was used for construction purposes.
21	The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc as per National Building Code including measures from lightning.	Complied. 1. The details about structural safety of buildings and structures was submitted to MIDC by approved Architect. 2. The provision of fire fighting equipments is in line with requirements of National Building Code, 2005 and design drawings were submitted to the Chief Fire Officer (CFO). 3. The provision of adequate lighting and ventilation facilities is in line with requirements of National Building Code, 2005 and Maharashtra State Factories Rules. 4. Copies of structural stability certificates as obtained from authorities are attached as Annexure 5.
22	Storm water control and its 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 & 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



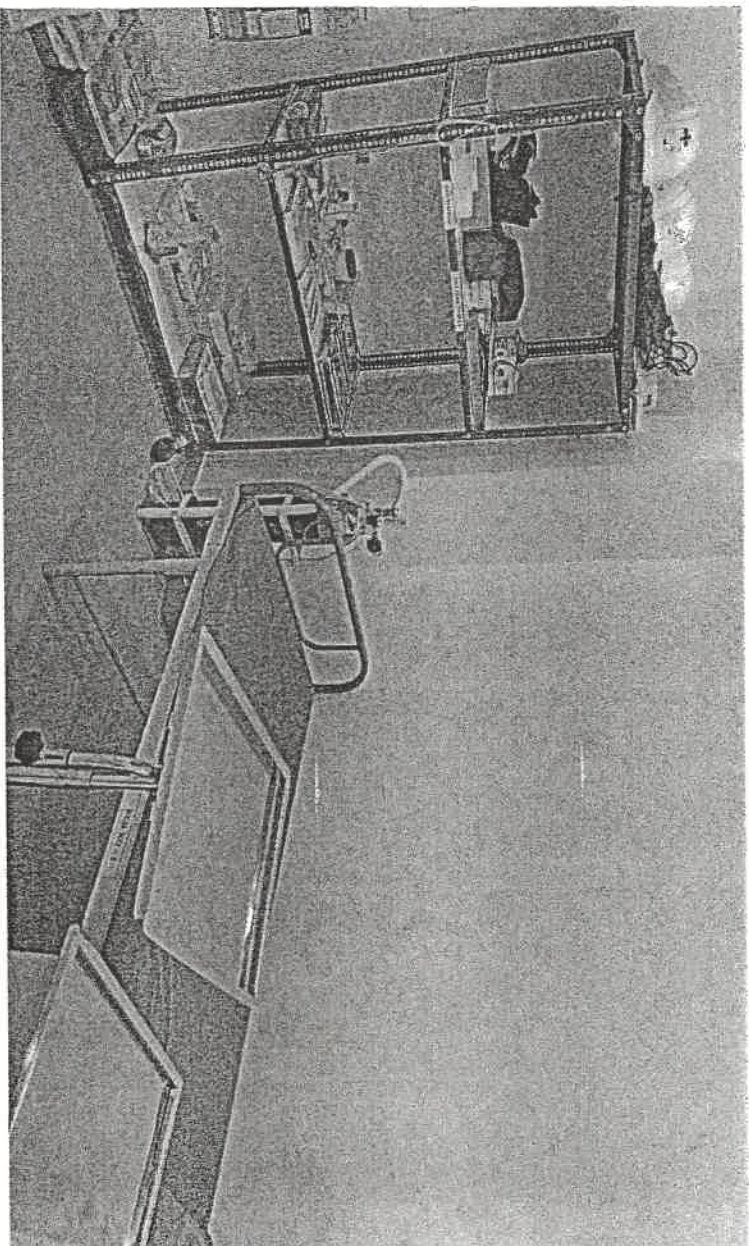
S.No.	EC Condition	Compliance
30	Fixture for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing device or sensor based control.	Completed. Adequate provisions are done to reduce consumption of water in the factory premises. Please refer Annexure 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.	Completed. 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.	Completed.
33	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Completed.
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.	Completed. 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.	Completed. 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.	Completed. 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.	Completed. All parking is done in allocated areas inside the factory premises.
38	Opaque wall should meet prescriptive requirement as per Energy Conservation Building code, which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Completed.
39	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Completed. 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 through the construction phase, so as to avoid disturbance to the surroundings.	Completed.
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.	Completed. 1. Environmental Clearance has been granted vide File No: EC(ASIANPAINTS) 2009/13/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.	Completed. 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.	Completed. 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.	Completed. Due clearance was obtained from MPCB vide Consent for Establishment and MIDC for land leveling/development.
46	A separate environment management cell with qualified staff be set up for implementation of the stipulated environmental safeguards.	Completed. 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.



S.No.	EC Condition	Compliance
47	Separate funds shall be allocated for implementation of environmental protection measures/EEMP 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 22-23 - INR 2.29 Crores.
48	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website at http://envts.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 AP-L-website, the web address of which is as given herewith: www.asianpaints.com/corporate/government/ce-report/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 , NO _x (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 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 email) 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



Annexure 1: Occupational Health Centre



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KLEAN LABORATORIES AND SERVICES
 CIN : U73100MH2009PTC195098
 An Environmental Laboratory approved by MAEFCG,
 vide Gazette Notification of India Sr. No. 857 (E) Dated February 26, 2018 valid up to 2023.
 402 Purushottam Plaza, Banner Road, Pune- 411 045.
 Tel: 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org

TEST REPORT

Test Report No 2022/03/SL/906

Date

22.03.2022

M/S. ASIAN PAINTS LTD.

Name & Address of the Client

Khandala Dist. -: Satara

PO Details

PO Details PO No. 0015320520 Dated 26-06-2021

SOIL SAMPLE DETAILS

Type	Container	Collection by	Quantity
Soil- Near Solvent Tank Form	Plastic Bag With Zip	Lab	250 Gm
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
15.03.2022	15.03.2022	15.03.2022	22.03.2022

As per KLRLP/QSP/22

S.No.	Parameters	Method	Unit	Limit	Result
1	pH	Method 9045 D	--	--	8.66
2	Chloride	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	318
3	Sulphate	IS: 2720 (Part 27)	mg/Kg	--	44
4	*Nitrogen	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	49.18
5	Potassium	Water resources depart., DIRD	mg/Kg	--	228
6	Sodium	Water resources depart., DIRD	mg/Kg	--	498
7	*Iron	Agriculture Manual	mg/Kg	--	34.10
8	Lead	Method 3050B	mg/Kg	--	BDL(MDL < 0.01)
9	Chromium	Method 3050B	mg/Kg	--	BDL(MDL < 0.02)
10	*Alkalinity	Water resources depart., DIRD	mg/Kg	--	1660
11	*Cation Exchange Capacity	IS: 2720 (Part 24)	meq/100g	--	32
12	*Oil & Grease	INHHOUSE	mg/Kg	--	BDL(MDL < 1)
13	*Nitrate	INHHOUSE	mg/Kg	--	7.28
14	Total Phosphorous	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	16.32
15	Phosphogypsum	--	--	--	NID
16	Calcium	Agriculture Manual	mg/Kg	--	548
17	Zinc	Method 3050B	mg/Kg	--	9.012
18	Copper	Method 3050B	mg/Kg	--	0.778
19	Cadmium	Method 3050B	mg/Kg	--	BDL(MDL < 0.5)
20	Magnesium	Agriculture Manual	mg/Kg	--	310
21	*Cyanide (Free)	EPA 9010 Method	mg/Kg	--	BDL(MDL < 0.01)
22	*Aluminium	INHHOUSE	mg/Kg	--	16.18
23	*Ammonical Nitrogen	INHHOUSE	mg/Kg	--	20.08
24	*Bulk Density	INHHOUSE	g/cc	--	0.94
25	*Clay Content	--	%	--	38

ISO/IEC 17025 2017 (NABL) | EMS 14001:2015 | ISO 45001:2018 | ISO 9001:2015 Certified





26	*Exchangeable Calcium	Agriculture Manual	meq/100g	--	90
27	*Exchangeable Magnesium	Agriculture Manual	meq/100g	--	29.10
28	*Exchangeable Potassium	Agriculture Manual	meq/100g	--	12
29	*Phosphorus as P	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	9.28
30	*Porosity	INHOUSE	%	--	64
31	*Sand Content	--	%	--	20
32	*Silt Content	--	%	--	22
33	*Texture	INHOUSE	--	--	Clay Loam
34	*Total Nitrogen As N	Soil & Solid waste analysis Laboratory manual	mg/Kg	--	52.10
35	*Arsenic	INHOUSE	mg/Kg	--	BDL(MDL < 0.01)
36	*Coefficient of Permeability	INHOUSE	Cm/hr	--	0.056
37	Mercury	Method 7471B	mg/Kg	--	BDL(MDL < 0.001)
38	*MEK	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
39	*Tetrachloroethylene	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
40	*Lindane	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
41	*Chlorobenzene	INHOUSE	mg/Kg	--	BDL(MDL < 0.0001)
42	Total Chromium	Method 3050B	mg/Kg	--	BDL(MDL < 0.02)
43	*Water Holding Capacity	INHOUSE	Inches/Foot	--	8.28
44	Nickel	Method 3050B	mg/Kg	--	0.22
45	*SAR	INHOUSE	--	--	30.12
46	*Organic Matter	IS 2720 (Part 22)	%	--	2.210
47	EC Of 20% Extract at 25oC	INHOUSE	µmhos /Cm	--	3610

End of Test report

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

*Parameter not covered under NABL scope.

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

Hologram Mandatory.



Sanjay G.M.



ASIAN PAINTS



KLEAN LABORATORIES AND RESEARCH (P) LTD.
 CIN : U73100MH2009PTC195098
 An Environmental Laboratory approved by Maharashtra
 vide Gazette Notification of India Sr. No. 857 (G) Dated February 26, 2018 valid up to 2023.
 402 Purnashilain Plaza, Baner Road, Pune-411 045.
 Tel: 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org



TEST REPORT

Test Report No **2022/09/W/2489** Date **23.09.2022**

Name & Address of the Client
M/S. ASIAN PAINTS LTD.
 Khandala, Dist.: Satara

PO Details P.O.No. 0015336989 Dtd:08.04.2022

WATER SAMPLE DETAILS

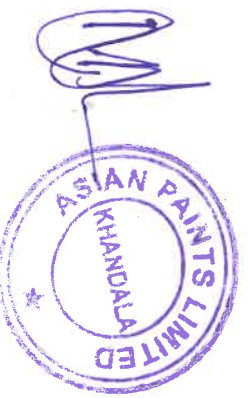
Type/Location	Container	Collection by	Quantity
Pandharpur Phata Well Water	Plastic Bottle	Lab	2000 ml
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
15.09.2022	16.09.2022	16.09.2022	23.09.2022

As per KLRPL/QSP/22

S.No.	Sampling Procedure 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	--	--	158
4	Total Dissolved Solids	APHA 2540-C	mg/L	--	BDL(MDL < 0.1)
5	Ammonia	IS 3025 (Part 34)	mg/L	--	BDL(MDL < 0.1)
6	Boron	IS 3025 (Part 57) :2005 (RA 2017)	mg/L	--	20
7	Calcium as Ca	APHA 3500 CA B	mg/L	--	10
8	Chloride	APHA 4500 - Cl -B	mg/L	--	BDL(MDL < 0.1)
9	Fluoride	APHA 4500 F D	mg/L	--	BDL(MDL < 0.1)
10	Free Residual Chlorine	APHA 4500-CL -B	mg/L	--	0.32
11	Iron	APHA 3500 -FE D	mg/L	--	1.86
12	Nitrate	IS 3025 (Part 34) : 1988 (RA 2014)	mg/L	--	240
13	Conductivity	APHA 2510 B	µmhos /Cm	--	39
14	Magnesium Hardness	APHA 3500 MG B	mg/L	--	BDL(MDL < 0.1)
15	Dissolved Phosphate	APHA 4500-P D	mg/L	--	BDL(MDL < 0.002)
16	Phenol Comp	APHA 5530 C	mg/L	--	BDL(MDL < 1)
17	Sulphate	APHA 4500 - SO4 2- E	mg/L	--	BDL(MDL < 0.2)
18	Sulphide	APHA 4500 - S2- E	mg/L	--	BDL(MDL < 0.2)

ISO/IEC 17025 2017 (NABL) | EMS 14001:2015 | ISO 45001:2018 | ISO 9001:2015 Certified

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KLEAN LABORATORIES AND RESEARCH (P) LTD.

CIN : U73100MH2008PTC195098
 An Environmental Laboratory approved by MoEFCC,
 After Certificate Notification of India Sr. No. 857 (E) Dated February 26, 2018 valid up to 2023,
 402 Purushottam Plaza, Banner Road, Pune- 411 045.
 Tel. 020-46781028 E-mail : kleanlab@klean.org Website: www.klean.org



19	Total Alkalinity	IS: 3025 (PART 23) : 1986 (RA 2014)	mg/L	--	73
20	Total Hardness	APHA 2340-C	mg/L	--	88
21	Cyanide	APHA 4500 CNE	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	--	18
24	Temperature	APHA 2550 B	°C	--	28
25	Ammonical Nitrogen	IS 3025 (PART 34)	mg/L	--	BDL(MDL < 0.1)
26	Total kjeldahl Nitrogen	APHA 4500-NH3-B	mg/L	--	3.12
27	3 Day B.O.D. @ 27°C	IS : 3025 (PART 44)	mg/L	--	3
28	Calcium Hardness	APHA 3500 CA B	mg/L	--	49
29	Silica	APHA 4500-SiO ₂ -C	mg/L	--	11.42
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	--	0.06
34	Total Volatile Solids	APHA 2540 E	mg/L	--	80

End of Test report

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

*Parameter not covered under our NABL scope.

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



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भारत सरकार
Government of India
राजिस्त्र और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा सरोजन (प्रेसो)
Petroleum & Explosives Safety Organisation (PESO)
ए-1 और ए-2 विंग, पाचवा तल्ला, केन्द्रीय कार्यालय परिसर, सी.डी.सी. बेलापुर
नवी मुंबई (महाराष्ट्र)- 400614
A1 & A2 wing, 5th Floor, C.G.O. complex, CBD Belapur, Navi Mumbai (M.S.),
Mumbai - 400614

E-mail : jteccernumbai@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,
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 वर्क B अधिस्वापन में अनुज्ञप्ति सं P/HQ/MH/15/6120 (P273778) के नवीकरण के संबंध में ।
Existing Petroleum Class B Installation at Plot No. A-1,, Khandala Industrial Area,Phase-1,, Mouje Khandala,, Khandala, Taluka: Khandala, District: SATARA, State: Maharashtra, PIN: 412801 . Licence No 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 अधिलिप्त 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 धारणा 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 धारणा दें।
Please acknowledge the receipt

आदेशीय /Yours faithfully,

(डा. अनु कुमारी
Dr. Anu Kumari)
राजिस्त्र और उद्योग मंत्रालय

Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक निगरान
For Jt. Chief Controller of Explosives
नवी मुंबई (महाराष्ट्र)/Mumbai

(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>)





TEST REPORT

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

Inward No: SAEN/22-23/216(A)-11
Your Ref No.: Test Request
Collected By: SAEN
Sample Name: Ambient Air
Report No.: SAEN/TR/22-23/20-47

Date of Sampling: 01.09.2022
Sampling Method: SAEN/SOP/S-02
Dates of Analysis: 02.09.2022-06.09.2022
Sampling Location: Near Material Gate
Date of Report: 06.09.2022

Sr. No	Parameters	Result	Unit	Standard Value	Analysis Method
1	Sulphur Dioxide (SO ₂)	15.3	µg/m ³	≤ 80	CPCB Guidelines for Sampling & Analysis
2	Oxides of Nitrogen (NO ₂)	17.3	µg/m ³	≤ 80	
3	Particulate Matter PM ₁₀	34.5	µg/m ³	≤ 100	
4	Particulate Matter PM _{2.5}	12.8	µg/m ³	≤ 60	
5	Ozone (O ₃)	Nil	µg/m ³	≤ 100	
6	Lead (Pb)	Nil	µg/m ³	≤ 1.0	
7	Carbon Monoxide (CO)	BDL	mg/m ³	≤ 04	
8	Ammonia (NH ₃)	BDL	µg/m ³	≤ 400	
9	Benzene (C ₆ H ₆)	Nil	µg/m ³	≤ 05	
10	Benzo(a)Pyrene (BaP)	Nil	ng/m ³	≤ 01	
11	Arsenic (As)	Nil	ng/m ³	≤ 06	
12	Nickel (Ni)	Nil	ng/m ³	≤ 20	

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

Note:

- Standard Value - National Ambient Air Quality (NAAQ) Standard, 2009.
1. BDL - Below Detection Limit
 2. Test Report is based on above parameters.
 3. Test Results pertain only to the sample tested.
 4. The content of Test Report shall not be reproduced / used for advertising or legal use, in part or full, without written permission.
 5. The Instruments & equipments used for sampling & analysis are calibrated from NABL Accredited Calibration Laboratory, to maintain NIST Traceability.
 6. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-F-24082022-238350, dt.24.08.2022.

For S A Encon Private Limited

Mr. Anant Mandawadekar - Technical Manager
Authorized Signatory



END OF REPORT



TEST REPORT

Company Name & Address:

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

Inward No: SAEN/22-23/242-VI

Date of Sampling : 20.09.2022

Your Ref No. : Test Request

Sampling Method: Instrumental

Collected By : SAEN

Date of Analysis : 21.09.2022

Sample Name : Ambient Noise

Sampling Location : As Below

Report No. : SAEN/TR/22-23/24-32

Date of Report : 26.09.2022

Sr. No	Locations	Result		Unit	Standard Value		Analysis Method
		Day	Night		Day	Night	
1	East Side of the Plant	59.0	58.4	dB(A)	<75	<70	Instrument Analyser
2	West Side of the Plant	72.0	62.3	dB(A)	<75	<70	
3	North Side of the Plant	66.0	60.1	dB(A)	<75	<70	
4	South Side of the Plant	69.0	59.8	dB(A)	<75	<70	
5	Near Material Gate Corner	66.0	62.4	dB(A)	<75	<70	
6	Near Main Gate	60.0	58.9	dB(A)	<75	<70	
7	Near Scrap Yard Corner	71.0	66.5	dB(A)	<75	<70	
8	Near Engineering Corner	58.0	56.0	dB(A)	<75	<70	
9	Solvent Base Pack	71.0	68.2	dB(A)	<75	<70	
10	Monomer Tank	73.0	68.5	dB(A)	<75	<70	
11	Oil Additive Tank Farm	71.0	66.9	dB(A)	<75	<70	
12	Emulsion Tank Farm	69.0	65.0	dB(A)	<75	<70	
13	QA Lab	59.0	58.2	dB(A)	<75	<70	
14	PEL Lab	56.0	55.8	dB(A)	<75	<70	
15	Silo Block - 1st Floor	64.0	62.8	dB(A)	<75	<70	
16	Admin Block - Chiller	73.0	67.3	dB(A)	<75	<70	
17	ETP Blower	68.0	65.9	dB(A)	<75	<70	
18	Air Compressor	72.0	69.2	dB(A)	<75	<70	
19	SPB Basket Mill	72.0	64.1	dB(A)	<75	<70	
20	SPB Sand Mill	74.0	69.0	dB(A)	<75	<70	

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

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 & analysis are calibrated from NABL Accredited Calibration Laboratory, to maintain NIST Traceability.
5. Laboratory Recognized by MoEFCC with Gazette ID : CG-DL-E-24082022-238350, dt:24.08.2022.

For SA Encon Private Limited

Mr. Anant Nandawadkar - Technical Manager
Authorized Signatory

End of Report



(Signature)

S A Encon Private Limited Accredited with ISO 9001, ISO 14001, & ISO 45001

SHIRWAL, Dt. Satara, 412801, Maharashtra. Ph. No.: + 91-9112 343 343, + 91-9850 173 286
eMail : info@saenco.in, saenconpl@gmail.com, website: www.saenco.in



FORM NO. 1A
(RULE 3A)

CERTIFICATE OF STABILITY

Date : 26-09-2018

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

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

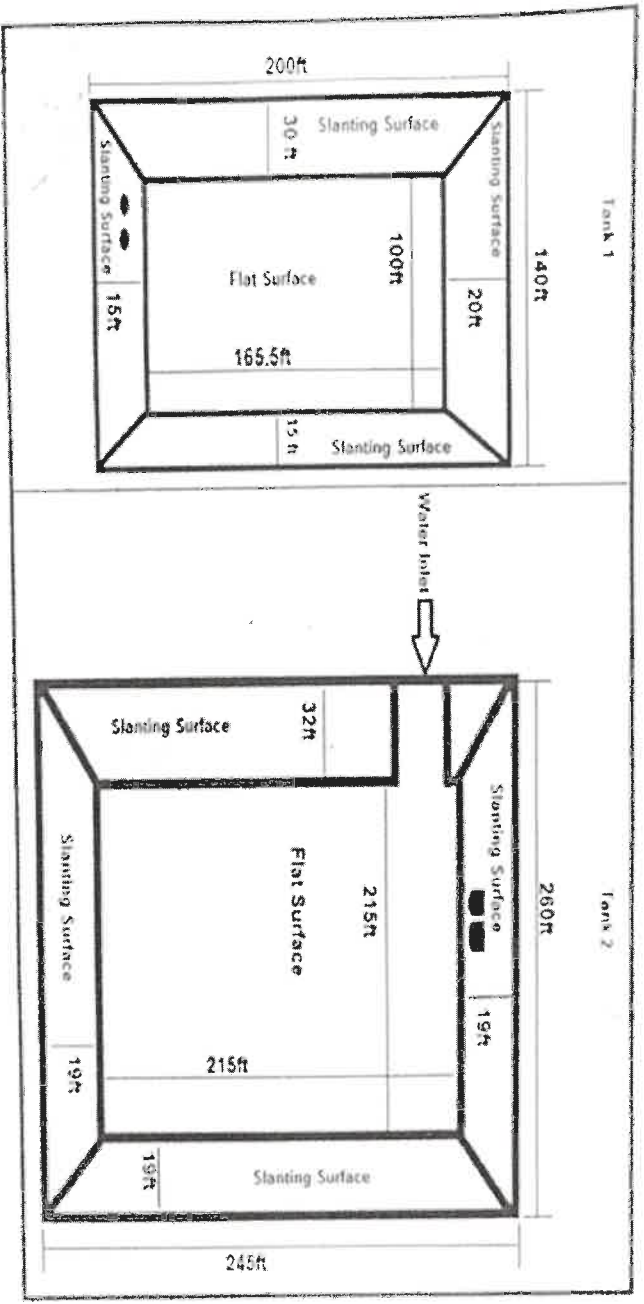
For M/s Tata Consulting Engineers Ltd.

SATISH NARAYAN DIWAKAR
TATA CONSULTING ENGINEERS LIMITED
(S N Diwakar)
Chartered Engineer / Structural Engineer
B.E. Civil, F.I.E.,
Registration No. F-118718-6

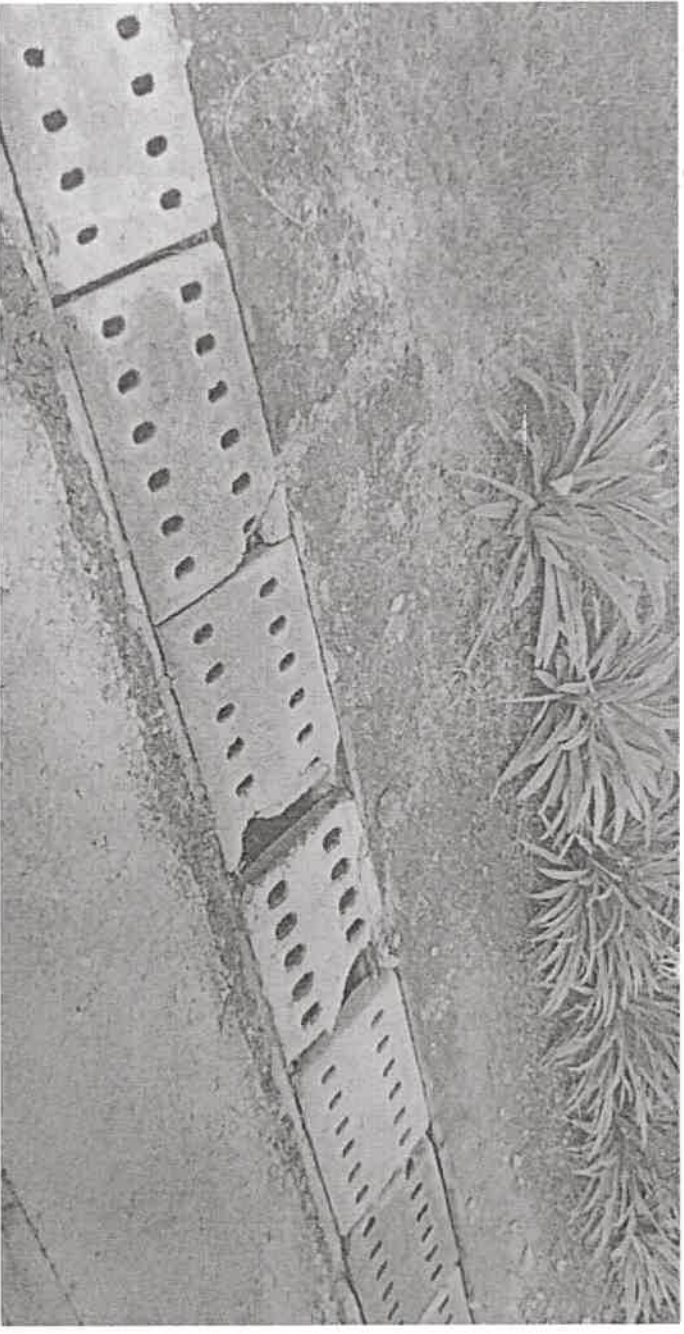


TATA CONSULTING ENGINEERS LIMITED

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



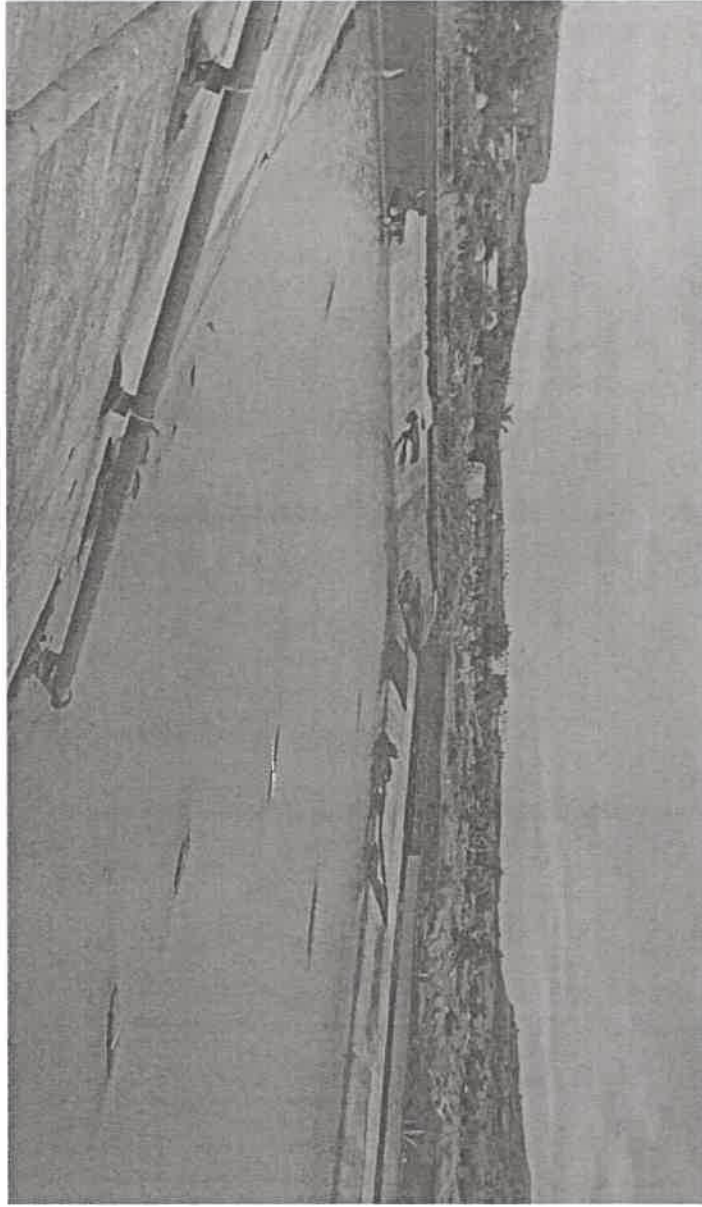
Schematic of Rainwater harvesting Tank provided within the facility



Roadside drains to carry rainwater to Rainwater Harvesting Pond

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Surface Water Pond in APL Site



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 m³ each. Each tank has stirrer and common Chemical Dosing Facility. There is oil and grease removal unit prior to Primary Treatment Tanks.

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

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



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

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

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

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

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

EFFLUENT TREATMENT UNITS:

Sr. No.	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
12	Secondary Sludge Tank	1 No.	5.175 x 2.75 x 1.5
13	Blower Shed	1 No.	8 x 5 x 4m
14	Panel Room & Laboratory	1 No.	8 x 5 x 4m
15	Sludge Dewatering Room	1 No.	12 x 8 x 4m
16	Chemical Dosing Room	1 No.	8 x 5 x 4m
17	Reverse Osmosis Plant	1 No.	
18	3-Effect Evaporator	1 No.	



EFFLUENT TREATMENT PLANT EQUIPMENTS:

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






2232.80 KL Effluent Treated from April 2022- September 2022 and reused back in the process.

The Cost incurred in treating Effluent

Parameter	Apr	May	Jun	Jul	Aug	Sep
Total Effluent Treated	314	388	499	353	352	326.90
Power Consumption (KWH)	20878	22165	21757	21622	26853	28579
Power Cost (Rs)	54283	57629	59179	58812	73040	77735
Man Power Used/Day	1	1	1	1	1	1
Man Power Cost (Rs)	109200	109200	109200	109200	15600	15600
Alum Used (KG)	328	827	207	146	0	60
Alum Cost (Rs)	4723	11909	2981	2102	0	864
PAC	1099	220	802	1504	914	1177
PAC Cost	36267	7260	26466	57152	34732	44726
Poly Used (KG)	22	13	15	12	19	44
Poly Cost (Rs)	4349	2467	2954	2389	3666	8600
Lime Consumed (kg)	10	10	13	12	5	8
LimeCost (Rs)	128	125	138	132	13	83
Caustic Consumed (KG)	474	512	598	536	439	332
Caustic Rate (Rs)	20311	21939	25624	22512	18811	14226
Urea Used (KG)	275	265	270	275	285	275
Urea Cost (Rs)	9350	9010	9180	15125	15675	15125
DAP Used (KG)	165	159	162	165	171	165
DAP Cost (Rs)	6270	6042	5508	5610	5814	5610
Total Cost	244880	225581	241230	273034	167350.8	182568.1
Cost Per KL Treatment	781	581	483	773	476	558

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 2022 - September 2022 = 125.04 Ton

The Expenditure for Treatment and Disposal of Hazardous Waste = Rs. 6174022.86/-

Noise Monitoring

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

Air Monitoring

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

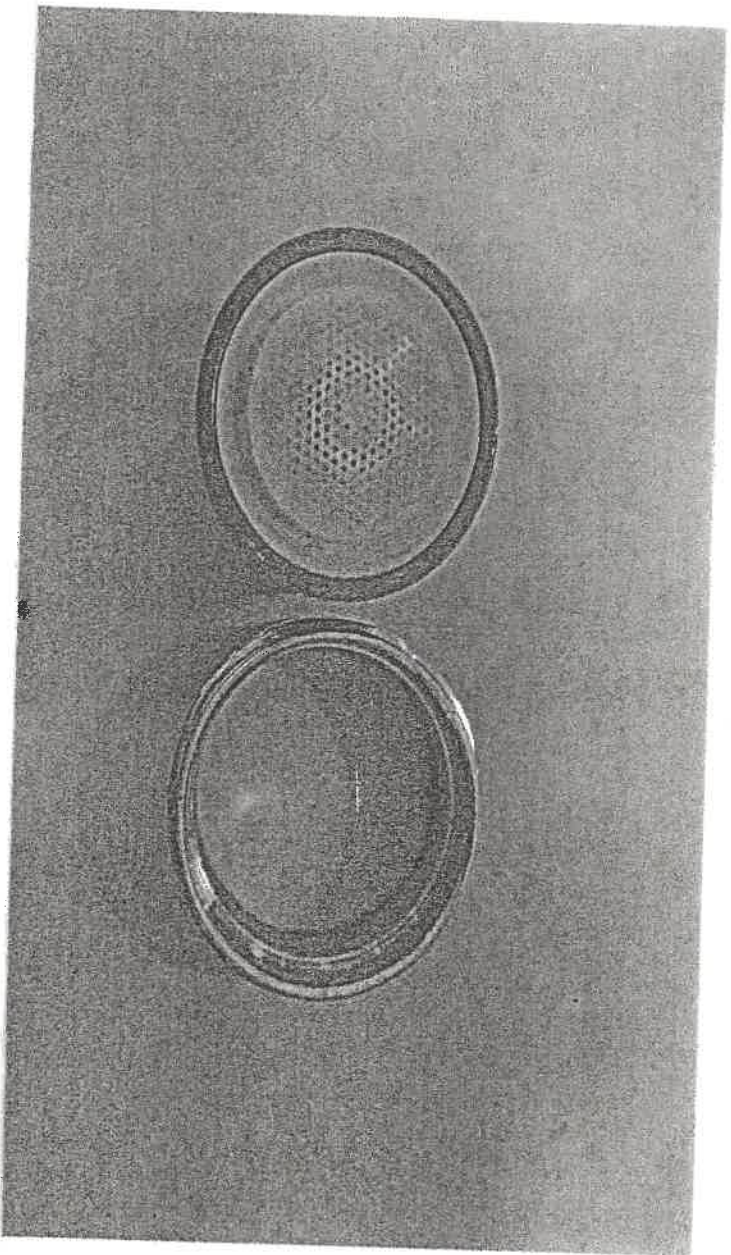
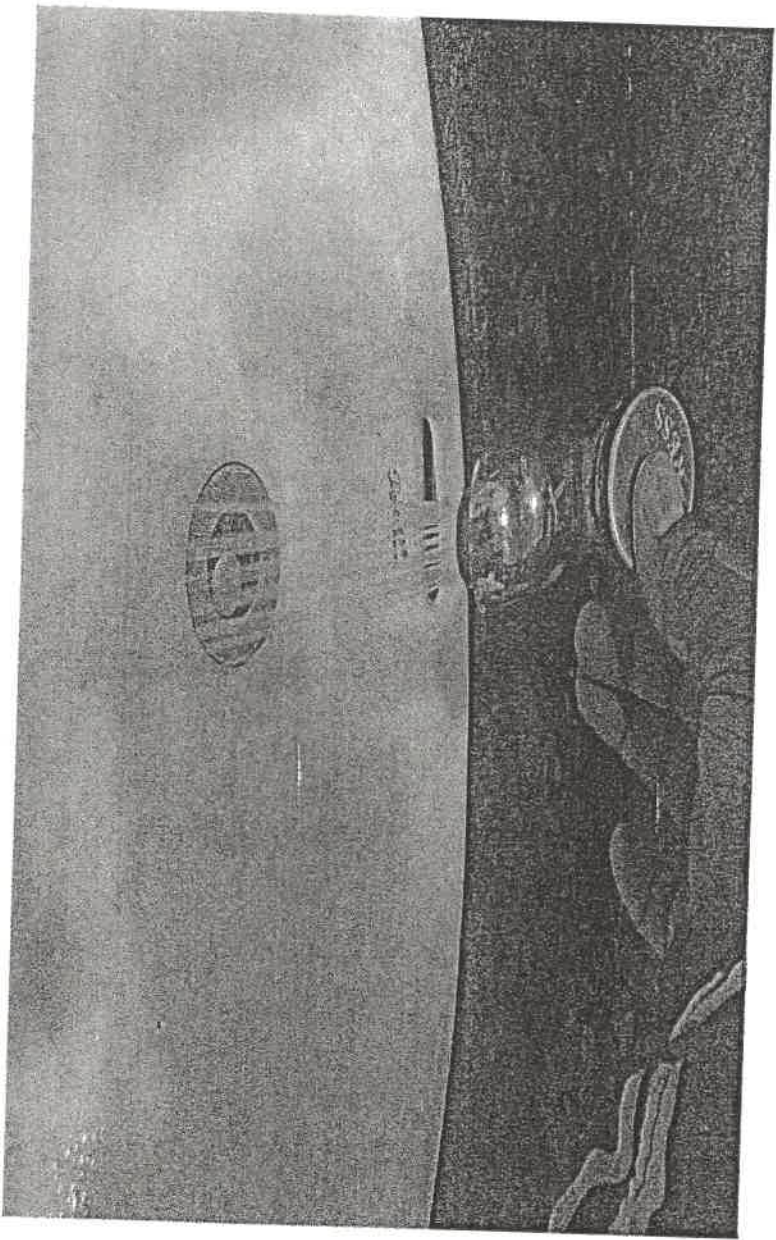
Ground Water and Soil Samples are tested by Klean Lab Pvt Ltd which is Moef approved and the results are attached in annexure

The expenditure for testing of the Environment parameters from Klean Lab and S.A. Encon are Rs. 661295/-





Annexure 8 - Low Flow Fixtures



* Annexure 9 - TSDF Membership *

MAHARASHTRA

ENVIRO POWER LTD

ISO 9001:2018 IEMS 14001 : 2004 I OHSAS 18001 : 2007 Certified Company
(Common Hazardous Waste Treatment, Storage and Disposal Facility)
The Corporate Identity Number (CIN) : U40105MH2005PLC150780



Doc No.: SMS/MEPL/IMS/MK/00115
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



CHWTSDF : Plot No. P-56, Ranjangaon, Tal: Shirur, Dist: Pune, Pin - 412220. Ph. : +91 - 02048421100

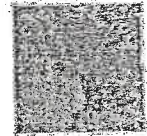
Pune Office : 301, Pentagon, P-3, Maganprata Township, Hadapsar,
Pune 411 028, (Mah.), India, Ph. : +91-02048421100
Email : info@epi@stmepi.co.in Web : www.smsnepi.com / www.lockkeywaste.in

Regd. Office : 267, Ganesh Pradnavis Bhavan, Near Triangular Park,
Dharampeeth, Nagpur. Ph. : +91-0712-2551952/53 Telefax : +91-07120-6665100

Marketing Office (Khand): Bharat Bazar Commercial Complex, 1-Wing, 2nd Floor, Near API Corner,
MIDC Area, Chikhalthana, Aurangabad - 431210 Ph. : +91 240 2473047

Corporate Office : 20, IT Park, Parsodi, Nagpur - 440022
Ph. : +91-0712-6605000 Telefax : +91-0712-6665100 Web : www.smsi.co.in

"An Environmental Laboratory Accredited by NABL, ISO/IEC 17025:2005 TC-5138 & Recognized by MOEF&CC"



Unique No. 0390

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. e-tech Recycling Pvt. Ltd.
 Property No. 193, 901 No. 89,
 Jai GANESH WAREHOUSE, PUNE,
 SAHAY ROAD, SAHAYNAGAR, PUNE-412205.
 Telephone/Fax No. : 9860802601
 E-mail Address : manish@witechrecycling.co
 Authorisation No. : HCLB/AI(HA)/HSHD/AUTH/20/11600-74
 Authorisation issued for : Recycling / dismantling of the E-Waste
 Date of Issue : 28-12-2020
 Validity Period : 30-11-2025

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

S. No.	Type of E-Waste with Quantity	Quantity (Tons Per Annum)
	Collection, segregation, Dismantling & Re-cycling of E-waste.	1410 MT / A.

(Handwritten signature)


N. A. GURAV

Date:

Place: **MUMBAI**

Regional Officer (HQ) & Incharge,
 Hazardous Substance Management Division,
 Maharashtra Pollution Control Board,
 3rd Floor, Kalfitara Police Coy. Compound,
 (1), Mumbai

Tel: (022) 24016137, 24020731

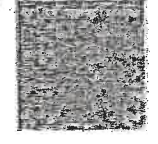
(022) 24044532



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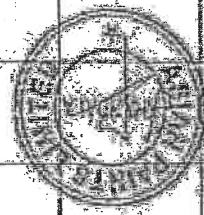
S. No.	Date	Address of the Auctioneer/Seller	Type of Waste taken Auctioned	Quantity of Waste taken Auctioned	Signature of Auctioneer/Seller with Seal of the Auctioneer/Recycler/Processor & Date	Date of Balance Sheet presented / Date of Receipt of Challan No.	Quantity of Waste taken Auctioned	Signature of Auctioneer/Seller with Seal of the Auctioneer/Recycler/Processor & Date	Date of Balance Sheet presented / Date of Receipt of Challan No.
01	01/01/20	...	...	...	...	...	...	...	...
02	02/01/20	...	...	...	...	...	...	...	...
03	03/01/20	...	...	...	...	...	...	...	...
04	04/01/20	...	...	...	...	...	...	...	...
05	05/01/20	...	...	...	...	...	...	...	...
06	06/01/20	...	...	...	...	...	...	...	...
07	07/01/20	...	...	...	...	...	...	...	...
08	08/01/20	...	...	...	...	...	...	...	...
09	09/01/20	...	...	...	...	...	...	...	...
10	10/01/20	...	...	...	...	...	...	...	...
11	11/01/20	...	...	...	...	...	...	...	...
12	12/01/20	...	...	...	...	...	...	...	...
13	13/01/20	...	...	...	...	...	...	...	...
14	14/01/20	...	...	...	...	...	...	...	...
15	15/01/20	...	...	...	...	...	...	...	...
16	16/01/20	...	...	...	...	...	...	...	...
17	17/01/20	...	...	...	...	...	...	...	...
18	18/01/20	...	...	...	...	...	...	...	...
19	19/01/20	...	...	...	...	...	...	...	...
20	20/01/20	...	...	...	...	...	...	...	...

Endorsement by the Auctioneer/Seller (except column No. 6 & 7)
 Auctioneer No. 1: ASIAN RAJAS LIMITED Date: 28/12/20
 Permitted Quantity: 100 MT
 Waste(s) Type: E-Waste

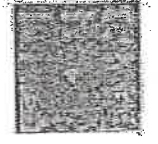


To be filled by the Recycler

S. No.	Date	Address of the Auctioneer/Seller	Type of Waste sold Auctioned	Quantity of Waste sold Auctioned	Signature of Auctioneer/Seller with Seal of the Auctioneer/Recycler/Processor & Date	Date of Balance Sheet presented / Date of Receipt of Challan No.	Quantity of Waste sold Auctioned	Signature of Auctioneer/Seller with Seal of the Auctioneer/Recycler/Processor & Date	Date of Balance Sheet presented / Date of Receipt of Challan No.
01	01/01/20	...	...	...	...	...	...	...	...
02	02/01/20	...	...	...	...	...	...	...	...
03	03/01/20	...	...	...	...	...	...	...	...
04	04/01/20	...	...	...	...	...	...	...	...
05	05/01/20	...	...	...	...	...	...	...	...
06	06/01/20	...	...	...	...	...	...	...	...
07	07/01/20	...	...	...	...	...	...	...	...
08	08/01/20	...	...	...	...	...	...	...	...
09	09/01/20	...	...	...	...	...	...	...	...
10	10/01/20	...	...	...	...	...	...	...	...
11	11/01/20	...	...	...	...	...	...	...	...
12	12/01/20	...	...	...	...	...	...	...	...
13	13/01/20	...	...	...	...	...	...	...	...
14	14/01/20	...	...	...	...	...	...	...	...
15	15/01/20	...	...	...	...	...	...	...	...
16	16/01/20	...	...	...	...	...	...	...	...
17	17/01/20	...	...	...	...	...	...	...	...
18	18/01/20	...	...	...	...	...	...	...	...
19	19/01/20	...	...	...	...	...	...	...	...
20	20/01/20	...	...	...	...	...	...	...	...



Endorsement by the Auctioneer/Seller (except column No. 6 & 7)
 Auctioneer No. 1: ASIAN RAJAS LIMITED Date: 28/12/20
 Permitted Quantity: 100 MT
 Waste(s) Type: E-Waste



To be filled by the Recycler



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 306000
www.asianpaints.com

Ref No: KHN/EHS/2022/05/02

Date: 30 May 2022

To,
Addl. Principal Chief Conservator of Forests(C),
Ministry of Environment, Forest & Climate Change
Regional Office (WCZ), Ground Floor, East Wing
New Secretariat Building,
Civil Lines, Nagpur-440001

Sub: Submission of Half Yearly Compliance Report

Sir,

We are submitting Half Yearly Compliance Report from October 2021 – March 2022 as per Environment Clearance Guidelines.
The Environment Monitoring Reports attached in annexures are of one month, we are submitting the complete set of Environment Monitoring reports to MPCB Satara office every month.

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

Thanking You.
Yours Sincerely,

Kamal Chhauda
Associate General Manager

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



* Annexure 12 - Environmental 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/2022/10/01

Date: 14 Oct 2022

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

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

Sir,

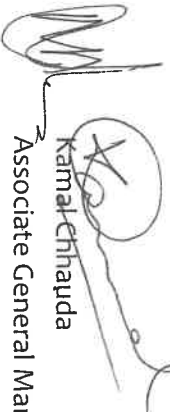
We bring to your kind notice that the FORM – V (Environment Statement) for FY 2021-22 has been submitted through MPCB Web Portal on 30th Sep 2022 as per Hazardous Waste Management (MH&TM) Rules, 2016. Further, hard copy of the same is attached herewith with this letter for your reference.

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

Kindly acknowledge the receipt of the same.

Thanking You.

Yours Sincerely,


Kamal Chauda
Associate General Manager

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



Received
Date

20/10/2022

उप-प्रदेशीय कार्यालय

म. म. सि. संजव, कान्हाला

प्रशासकीय इमारत

म मलका एन टी स्टेशनच्या पलीकडे

सदर कार्यालय ता. ४१५००१

०२१६९२१ २२३४०२७

Registered Office : Asian Paints Limited, 6A, Shantinagar, Santacruz (East), Mumbai - 400 055. Tel : (022) 62181003



MAHARASHTRA

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण बोर्ड

* Annexure 12 - Environmental Statement *

FORM V

(See Rule 14)
Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000050073

Submitted Date

30-09-2022

PART A

Company Information

Company Name

Asian Paints Ltd

Application UAN number

20640

Address

Plot No A1, MIDC Khandala, Khandala,
Satara, 412802

Plot no

A1

Taluka

Khandala

Village

Khandala

Capital Investment (In lakhs)

124074

Scale

Large- > 100 Cr

City

Satara

Pincode

412802

Person Name

Kamal Chhanda

Designation

ASSOCIATE GENERAL MANAGER

Telephone Number

02169228001

Fax Number

Email
kamal.chhanda@asianpaints.com

Region

SRO-Satara

Industry Category

Orange

Industry Type

055 Paints and varnishes (mixing and blending)

Last Environmental statement submitted online

Consent Number

Format:1,0/CAC/UAN
No.00000953566/CR-2012000361

2020-12-08

Consent Issue Date

Consent Valid Upto

2025-07-31

Establishment Year

2010

Date of last environment statement submitted

Sep 30 2021 12:00:00:000AM

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

Product Information
Product Name
Solvent Based & Water Based Paints
Resins / Polymers

Consent Quantity

300000

Actual Quantity

223270.75

UOM

KL/A

150000

78966.25

KL/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

NA

0

0



Part-B (Water & Raw Material Consumption)

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

2) Effluent Generation in CMD / MLD Particulars	Consent Quantity	Actual Quantity	UOM
Daily quantity of trade effluent from the factory	115	10.64	CMD
Daily quantity of Sewage effluent from the factory	46	6.08	CMD
Daily quantity of treated effluent	161	16.72	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product) Name of Products (Production)	During the Previous financial Year	During the current financial year	UOM
Solvent Based & Water Based Paints	0.36	0.35	K/LA

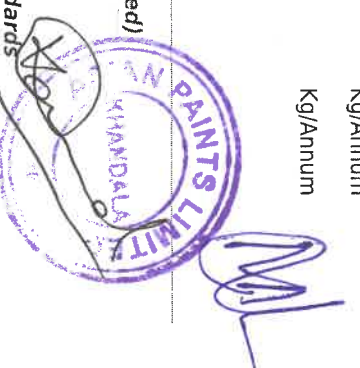
3) Raw Material Consumption (Consumption of raw material per unit of product) Name of Raw Materials	During the Previous financial Year	During the current financial year	UOM
Powders (Rutile & Extenders)	0.42	0.43	MT/A
Additives	0.15	0.14	MT/A
Solvents	0.35	0.34	MT/A
Oils	0.04	0.05	MT/A
Resin RMS	0.05	0.015	MT/A
Monomers	0.10	0.09	N.
Other	0.01	0.06	MT/A

4) Fuel Consumption Fuel Name	Consent quantity	Actual Quantity	UOM
HSD (High Speed Diesel)	1445400	59344.17	Kg/Annnum
Natural Gas	1576800	570304	Kg/Annnum
LPG	1576800	671580	Kg/Annnum

Part-C

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

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



*** Annexure 12 - Environment al Statement ***

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

Air (Stack) Pollutants Detail

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



(Handwritten signature)

* Annexure 12 - Environmental Statement *

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

Part-D

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

2) From Pollution Control Facilities					
Hazardous Waste Type		Total During Previous Financial year	Total During Current Financial year	UOM	
35.3 Chemical sludge from waste water treatment		40.85	111.601	MT/A	

Part-E

SOLID WASTES					
1) From Process					
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM		
Broken Wooden Scrap	444.86	504.43	MT/A		
Waste Paper and Cardboard	147.84	134.58	MT/A		
Waste Plastic	75.32	86.41	MT/A		
Metal Cover Sheets	43.10	91.69	MT/A		



*** Annexure 12 - Environmental Statement ***

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

2) From Pollution Control Facilities					
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM		
NA	0	0	MT/A		

3) Quantity Recycled or Re-utilized within the unit					
Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM		
0	0	0	MT/A		

Part-F

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

1. Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	40.91	MT/A	CHWTSDF
23.1 Wastes or residues (not made with vegetable or animal materials)	48.28	MT/A	CHWTSDF
35.3 Chemical sludge from waste water treatment	111.601	MT/A	CHWTSDF
21.1 Process wastes, residues and sludges	30.28	MT/A	CHWTSDF
5.1 Used or spent oil	11.47	MT/A	Recycle by a sale to authorized recycler
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	20778	Nos./	Reuse/Recycle by a sale to authorized actual user

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

Part-G

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

Description	Reduction in Water Consumption (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



*** Annexure 12 - Environmental Statement ***

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement	Environmental Protection Measures	Capital Investment (Lacks)
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

[B] Investment Proposed for next Year	Environmental Protection Measures	Capital Investment (Lacks)
Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars
NA
Name & Designation
NA

UAN No:
MPCB-ENVIRONMENT_STATEMENT-0000050073

Submitted On:
30-09-2022



A handwritten signature in blue ink, appearing to be 'M. S. ...'.

