

THIRU A.V. VENKATACHALAM,I.F.S MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

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ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA/TN/F. 6495/5(f)/EC - 60/2018 dated: 24.04.2018.

To

The General Works Manger
Asian Paints Limited
Penta Division
B5-B10, Sipcot Industrial Complex,
Kudikadu Village,
Cuddalore – 607005.

Sir.

Sub: SEIAA -TN -Environmental Clearance-Expansion in production of Pentaerythritol and Sodium Formate by M/s. Asian Paints Limited in their existing plant at Plot No. B5 - B 10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore, Tamil Nadu - Category - "B1" and Schedule 5(f)-Synthetic Organic Chemical Industry (Dyes and Dye Intermediate)under the EIA Notification, 2006-Issued-Regarding.

- Ref: 1. ToR issued by MoEF&CC F.No.J-11011/181/2017-IA-II(I) dated 21.12.2017.
 - 2. EIA report submitted for Environment Clearances dated: 25.01.2018.
 - 3. Lr. No.SEIAA-TN/F.No. 6495/2018 dated: 08.02.2018.
 - 4. Proponent reply letter dated 14.02.2018.



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- 5. Minutes of the 103rd SEAC meeting held on 24.02.2018.
- 6. Minutes of the 104th SEAC meeting held on 19.03.2018.
- 7. Lr. No.SEIAA-TN/F.No. 6495/SEAC/2018 dated: 22.03.2018.
- 8. Proponent reply letter dated 05.04.2018.
- 9. Minutes of the 286th SEIAA meeting held on 16.04.2018.
- 10. Proponent reply letter dated 20.04.2018.
- 11. Minutes of the 290th SEIAA meeting held on 23.04.2018.
- 12. Minutes of the 291st SEIAA meeting held on 24.04.2018.

- 1. This has reference to your application dated 25.01.2018 and subsequent communication on the above mentioned subject by M/s. Asian Paints Limited for Expansion in production of Pentaerythritol and Sodium Formate in their existing unit for obtaining Environmental Clearance for the proposed Expansion in production of Pentaerythritol from 560 MTM to 730 MTM (Powder and Solution form) and Sodium Formate from 336 MTM to 480 MTM (Powder and Solution form) at Plot No. B5 B 10, SIPCOT Industrial Complex, Cuddalore, Tamil Nadu under Item No. 5(f)— 'Synthetic Organic chemicals Industry (dyes & dyes intermediate; bulk drugs and intermediates excluding drug formulation; Synthetic rubbers; basic Organic Chemicals, other synthetic organic chemicals and chemical intermediates (located in a notified industrial area/estate) & Category 'B1' of the Schedule to the EIA Notification, 2006.
- The Proponent, M/s. Asian Paints Limited, has applied to MoEF& CC, Gol, for Terms of Reference for the proposed Expansion in production of Pentaerythritol from 560 MTM to



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730 MTM (Powder and Solution form) and Sodium Formate from 336 MTM to 480 MTM (Powder and Solution form) at Plot No. B5 – B 10, SIPCOT Industrial Complex, Cuddalore, Tamil Nadu.

- 3. In response to the application, Terms of Reference (ToR) was issued vide File. No. J-11011/181/2017-IA-II (I) dated: 21.12.2017 by MoEF& CC. Public hearing was exempted as per section 7(i), (iii) stage (3), Para (i)(b) of EIA Notification, 2006, and request to submit the EIA/EMP report to the SEIAA for grant of Environment Clearance.
- 4. Based on the ToR issued by the MoEF& CC, the proponent prepared the EIA report and submitted the same to SEIAA on 25.01.2018. The proposal (EIA report) was placed in the 103rd meeting of the SEAC held on 24.02.2018. Accordingly, the SEAC decided to make an inspection and based on the outcome of the inspection, SEAC will take a decision regarding the grant of EC to the industry. The technical team inspected the site on 03.03.2018 and submitted a report on 12.03.2018. The technical team, based on the site inspection and discussion with the proponent at the site has requested the proponent to furnish additional particulars/proposals. Accordingly, the proponent has submitted the additional particulars/proposals to the technical team on 12.03.2018. After the perusal of the additional particulars/proposals, the inspection report was placed in the 104th Meeting of SEAC held on 19.03.2018. Based on the recommendations of the technical team, the SEAC decided to recommend the proposal for the grant of Environmental Clearance to SEIAA TN subject to certain conditions.
- 5. The subject was placed before 286th SEIAA Meeting held on 16.04.2018. The Authority called for certain additional details and the proponent has submitted the additional



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particulars/proposals to the SEIAA on 05.04.2018 and SEIAA after careful consideration decided to issue Environmental Clearance in its 291th meeting held on 24.04.2018 vide Item No. 291-01 subject to terms and conditions stipulated under the provisions of Environment Impact Assessment Notification, 2006 as amended based on the Information submitted by you which are extracted below:

1	(i) Name of the Project: (ii) Date of Application:	(i) Proposed Expansion in production of Pentaerythritol from 560 MTM to 730 MTM (Powder and Solution form) and Sodium Formate from 336 MTM to 480 MTM (Powder and Solution form) at Plot No. B5 – B 10, SIPCOT Industrial Complex, Cuddalore, Tamil Nadu by M/s. Asian Paints Limited (ii) 25.01.2018.
2	Name of Sector: Schedule No(in the EIA Notification,2006)	Schedule S.No. 5(f) of Category "B1" – 'Synthetic Organic chemicals Industry (dyes & dyes intermediate; bulk drugs and intermediates excluding drug formulation; Synthetic rubbers; basic Organic Chemicals, other synthetic organic chemicals and chemical intermediates (located in a notified industrial area/estate).
3.	New Project/ Expansion	Expansion
4	Name of the Applicant/Project Proponent	M/s. Asian Paints Limited
	(i) Project	Plot No. B5 - B 10, SIPCOT Industrial Complex, Kudikaddu



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5		Village, Cuddalore, Tamil Nadu	
	(ii) Co-ordinates (lat-	11040'58.66''N, 79045'07.07''E	
	long) of all four corners of the site	11040'52.60"N, 79045'04.98"E	
	corners of the site	11040'50.07"N, 79045'12.15"E	
	7	11040'56.01''N, 79045'14.26''E	
	(iii) Whether any GO attracted	No.	
6	(i)Area of the Site(in Hectares)	29.2 acres (11.8 Ha) (No Additional land proposed expansion)	is required for the
	(ii)Land use are(in Ha)	Total Land Area	29.2 acres (11.
			Ha)
	A STATE OF THE STA	Plotted industrial area	5.6 acres (2.27 Ha)
		Green belt area	15.7 acres (6.35 Ha)
		Roads	2.6 acres
			(1.05 Ha)
		Lawn and garden	5.3 acres
•			(2.14 Ha)
8	Land use Classification as per Record	Industrial area - SIPCOT Indus	strial Estate.
9	TOR issued? (If yes then	Yes. Terms of Reference (ToR) was is	1 11 70 17

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	specify the details)	Public hearing was exent Para (i)(b) of EIA Notif	npted as per s ication, 2006,	2.2017 by MoEF& CC. ection 7(i), (iii) stage (3), and request to submit the r grant of Environment
10	Project Cost (after expansion)		Rs. 4.8 Crores	S
11	Distance from Protected areas Areas/Critically Polluted areas/Eco- Sensitive areas/Inter-State Boundaries.	polluted area and mora various action implement has been lifted based of	torium was in ted by SPCB, ton the office	fied by CPCB as critically nposed. However, due to the moratorium in this area memorandum vide letter 25.11.2016 by MoEF& CC
12.	Production Details	Products manufactured (In Powder & Solution Form)	Existing production TPM	Production after expansion TPM
		Pentaerythritol Sodium Formate	560 336	730 480
13	Manufacturing Process		Automation,	envisaged through, Process Reliability Improvement,

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The reactor is the heart of the plant where Pentaerythritol is formed. The reaction is a batch process. Pentaerythritol is produced in a reactor by the reaction of calculated quantity of Formaldehyde, Acetaldehyde and Caustic Soda Lye in water. The mole ratio of Formaldehyde to Acetaldehyde determines the composition of the Pentaerythritol. The mole ratio of Caustic to Acetaldehyde determines the quantity of Sodium Formate formed. Also, Caustic Soda Lye acts as a Catalyst for the reaction. The reaction is the Aldol condensation of Aldehydes and Cannizaro reaction. The reaction is carried out in dilute phase with very high excess presence of water. Initially, a predetermined quantity of known strength of Formaldehyde solution in water is prepared in the reactor. This solution is cooled to 20 deg. C and predetermined quantity of Acetaldehyde and Caustic are added over a period of 38 minutes. The reaction being exothermic, the temperature is controlled to reach a value of 45 to 48 deg. C during the reaction period of 38 minutes. Pentaerythritol, Di Pentaerythritol and Sodium Formate is formed along with small quantity of Formals. The entire reaction takes place in aqueous environment.

After completion of reaction the excess 85% water present along with the product is removed through various unit operations viz. Stripping, Multiple effect Evaporation, Crystallization,



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purification, separation and drying. The reactor product is fed to the stripper to remove the traces of un-reacted Methanol & Formaldehyde present in the process stream for recovery and reuse. The stripper product is then fed continuously to the fiveeffect evaporator where the Concentration is increased upto 60%. The water evaporated from Evaporator is reused in the process. The concentrated mixture is then fed to Crude Vacuum Crystallizer which causes the Pentaerythritol (PE) product to crystallize and precipitate, keeping the Sodium Formate in liquid form. Subsequent to filtration in Crude Belt filter, the precipitated PE is separated from the filtrate Crude Mother Liquor (CML) containing the bulk of Sodium Formate. The PE cake is re slurried and re - dissolved. The PE solution is then passed through the deionizer in order to reduce the Sodium Formate slippages and through Carbon column for color removal. This solution is stored in a tank called Pure Pentaerythritol Solution Tank. Depending on the grade to be manufactured, the solution is then transferred either to the Pure Vacuum Crystallizer or to the Tech Dissolver in the Mono and Di Pentaerythritol section of the plant.

Sodium Formate:

The filtrate from Crude Belt Filter (CBF) is stored in a Tank and fed continuously to the Sodium Formate Evaporator cum

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		sepa and byp of I	packed roduct an	The Sodium Formate crystom their mother liquor by ce in solid or liquid form. d based on the Caustic input pritol produced, 0.60 to 0.67 d.	ntrifuging and are dr Sodium Formate is to reaction for every N	ried s a MT
14	Man-power Requirement(after expansion)			140Nos.		
15	Total Water Requirement -		S. No	Activity	Quantity (KLD)	
	857 KLD (after expansion)		1.	Domestic	45	
	Raw water from SIPCOT -		2.	Gardening	40	
	690 KLD	1 N	3.	Coal/ vegetation wetting	32	
	Treated water - 167 KLD		4.	FH make up	14	
	N. S.	S.E	5.	WTP back wash	20	
			6.	Cooling tower	353	
		100	# 17.7°	Process	17	
		7 55 55	8.	fan less cooling tower	39	
		1 8	9.	Floor washing	21	
		200	10.	Boiler	270	
			11.	WTP Regenerator	6	
				Source of water - SIP	COT	
16	Sewage generation and treatment	Sewage Generation -45 KLD, treated in the STP of 50 KLD capacity and the treated sewage is used for gardening				
17	ETP Details	•	ETP Capacity 250 KLD. Total Effluent generation – 131 KLD.			

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17A	Reuse of treated effluent		Treated eff	luent of	124 KLD is	recycled	in .	
18	Solid waste Management	Name	of process	Expe (Kg	ected quantity (annum)	Activi	ties for	
		Ion resin	Exchange	9600		author	State of the latest th	
		Used materia		4100		sought	for reuse/	
		Used H	DPE bags	5200		wastes		
		Used Clothes	Filter	3000		wasies		
		Hazardous			ous waste management			
		Used spent oil		7780	780 kg/annum Authorized processing agency		ized waste	
				900 Li	s/annum	Authorized wast processing agency		
					Authoriz processi	zed waste		
		Sludge		172To		agency TSDF Gummid	lipoondi	
DESCRIPTION OF THE PERSON.	Stack emission Details: (All he stacks attached to	S. No	Source Emission	of	Control Mea		Height	
p	rocess units, Boilers, D.G. ets, (kg/hr)		Sodium Formate I		wet scrubber followed by stack and the scrubbing me water		18m x dia 0.10m	

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		2	Mono Pentaerythritol Drier	wet scrubber followed by stack and the scrubbing medium water	12m x dia 0.20m
		3	Di Pentaerythritol drier	wet scrubber followed by stack and the scrubbing medium: water	18m x dia 0.25m
		4	Tech Pentaerythritol Drier	Reverse pulse jet bag filter that collects dust followed by stack	Height 10.5m x dia 0.10m
	C	5	14 TPH FBC Boiler	Reverse pulse jet bag filter	Height 50m x dia 1.20m
	3.7	6.	16 TPH FBC Boiler	Reverse pulse jet bag filter	42 m x dia1.10m
		7	500 KVA DG set	Stack	12m x dia 0.25m
		8	600 KVA DG set	Stack	12m x dia0.25m
20	Details of Fuel to be used:	S.No.	Boiler / DG set	Fuel consumption	Fuel type
		1	Coal Fired Boile	r 111.50 T/day	Coal
		2	DG Sets	4.5KL/day	HSD
21	Steam Generation		16 TPH	30 7	ГРН

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22	Storm Water Management	There is adequate storm drainage system. The storm water in the project area will be collected through existing storm water drains. The excess storm water will be connected to the SIPCOT main storm water drain
23	Rain Water Harvesting	Rainwater harvesting storage capacity is 200cu.m.
24	Green Belt Development	15.7 acres (6.35 Ha)
25	CSR details	The actual CSR funds utilized in future should be atleast be 2% of the annual profit but not less than Rs. 33.60 lakhs per annum.
26	EMP Cost(O&M)	Capital Cost: 576 Lakhs. Operation and Maintenance Cost: 23.6 Lakhs.

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

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(A) SPECIFIC CONDITIONS:

- (i) It is mandatory for the project proponent to furnish to the SEIAA, Half yearly compliance report in hard and soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental clearance issued.
- (ii) "Consent for Establishment" shall be obtained from Tamil Nadu Pollution Control Board and a copy of the same shall be furnished to the SEIAA, Tamil Nadu before start of project construction activity at the site.
- (iii) The implementation of Environmental Management Plan in regard to treatment and disposal of sewage & Effluent, Solid waste Management, Hazardous - Waste Management, and CSR Activities should be carried out, as proposed and committed. Regular monitoring should be carried out during operation phases.
- (iv) The residue collected from the evaporator shall be documented by maintaining proper register and it should be made available at the time of inspection.
- (v) Adequate dust extraction system such as Ducting with dust extracting arrangement wherever required shall be established to achieve Occupational -health standards and ambient air quality standards.
- (vi) The proponent shall carryout best housekeeping practices as spillage management for handling and maintenance of raw materials and products inside the unit premises.
- (vii) Nature of chemicals Handled, the Do and Don'ts shall be displayed at all vital locations as laided down in MSDS.
- (viii) The proponent shall ensure that the quantity of Hazardous Waste handed over to the TSDF shall match with the quantity generated.

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- (ix) The proponent shall provide a separate closed area earmarked for storing solid waste including Hazardous Waste as proposed.
- (x) The proponent shall dispose Hazardous Waste generated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed off through TNPCB registered recyclers.
- (xi) The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2016.
- (xii) The e waste generated should be collected and disposed to a nearby authorized e-waste centre as per e waste (Management & Handling), Rules 2016 as amended.
- (xiii) The Municipal solid waste generated shall be collected, segregated and disposed as per Solid Waste Management Rules, 2016.
- (xiv) The industry shall conduct air sampling at least once in six months for the general core parameters (PM₁₀, PM_{2.5},SO_x, NO_{x)} through TNPCB/NABL Accredited Laboratory and maintain records of the same and it should be made available at the time of inspection.
- (xv) Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.
- (xvi) A separate environment and safety management cell with qualified staff shall be set up before establishment of the facility and shall be retained throughout the lifetime of the industry, for implementation of the stipulated environmental safeguards.

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- (xvii) The Green belt area already developed within the project area shall be properly maintained.
- (xviii) The industry shall promote tree plantation to neutralize their carbon foot print. The industry shall engage regularly in afforestation programme.
- (xix) The proponent shall ensure effective risk management strategy regarding confined space management to avoid risk while handling raw materials, products in the process area and storage.
- (xx) The industry shall conduct air sampling at least twice in a week (104 times in a year), as stipulated under EP Act 1986.
- (xxi) Risk cum disaster management plan should be in placed in the industry premises at all time.
- (xxii) Water conservation scheme including rain water harvesting measures to augment ground water resources shall be implemented so as to collect and reuse the entire rainwater harvested as a supplement to fresh water.
- (xxiii) The natural drainage pattern in the project area shall be maintained and storm water drain along the boundary and appropriate places shall be provided considering the Catchment area and maximum intensity of rainfall to collect runoff water/rain water for proper disposal to avoid flooding around the premises.
- (xxiv) The Environmental Clearance is issued without prejudice to any order that may be passed by the Hon'ble NGT/ Honb'le High Court of Madras.
- (xxv) All the assurances given in EIA and EMP shall be adhered to strictly.

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- (xxvi) Detail study shall be carried out by engaging accredited agencies / reputed institutions for Risk management and detailed Disaster management plan prepared for compliance.
- (xxvii) Sufficient funds should be provided for Disaster management.
- (xxviii) The Project Proponent shall provide disinfection by UV system for the sewage treatment plant for treating the sewage before applying on land for gardening.
 - (xxix) The project proponent has to provide close loop silo for ash handling and the same shall be installed before 30.05.2016 as committed and submit the proof to SEIAA-TN.
 - (xxx) The project proponent shall provide sufficient ventilation (air circulation) in the hazardous waste storage yard where the hazardous waste like spent carbon, Chemical sludge, used or spent oil are being kept.
 - (xxxi) The industry should completely revamp fly ash collection from the source, conveyance, storage and disposal in a more scientific manner and to reduce the fugitive emissions in fly ash handling. The final disposal of the fly ash will be as per MoEF & CC Notification S.O. 254 (E) dated: 25th January, 2016.
- (xxxii) The Project Proponent shall carry out safety audit in the different operating zones of the plant at least once in a year and the same shall be considered as base for reviewing the unsafe conditions during the plant safety meeting.
- (xxxiii) The Project Proponent shall prepare a code of practice for safe operation for educating the safety standards to the work force deployed in the plant through appropriate training by the concerned experts.
- (xxxiv) As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational

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health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.

- (xxxv) The Activity of the industry should no way pollute water bodies such as Uppanar River, Perumal Lake & Bay of Bengal.
- (xxxvi) The Activity of the industry should not impact on agricultural, irrigation system and mangroves surrounding the area.
- (xxxvii) The EMP cost of Rs.576 lakhs and operation and maintenance cost Rs. 23.6 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
- (xxxviii) There should be no threat to Bio diversity due to the operation of the industry.
- (xxxix) The flora & fauna present in and around the project site should be get affected due to the activity as reported.
 - (xl) The Project Proponent has to provide rain water harvesting collection tank to the capacity of 200cu.m in order to recover and reuse the rain water during normal rains.
 - (xli) The operation of the activity should not impact on the soil, micro flora & Fauna present in and around the project site.
 - (xlii) The project proponent shall carry out risk assessment process for all the operations involved in the plant and a suitable risk management plan showing the contours of sensitive zones should be prepared.
 - (xliii) The industry shall develop green belt in the open areas by planting the following species in future:
 - (i) Calophyllum inophyllum-Pungan
 - (ii) Syzygium cumini- Naval

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- (iii) Thespesia populnea- Poovarasu
- (iv) Terminalia arjuna- Neermarudu
- (v) Ficus bengalensis Alamaram
- (vi) Ficus retusa- Atthi
- (vii) Ficus bengalensis- Arasamaram
- (viii) Alstonia scholaris- Palai
- (ix) Mimusops elengi- Mahilam
- (x) Madhuca longifolia-Izhupai
- (xliv) The project proponent shall take up better housekeeping measures including scraps disposal and up keeping the machineries, pipes, etc.
- (xlv) The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.
- (xlvi) Air pollution control there are four sources of air emissions within the industry process
 Tech PE drier, Sodium formate drier, Mono PE drier and Di PE drier.
 - From the Tech PE drier, particulates of Pentaerythritol will be emanating which will be controlled in a bag filter and finally emitted to the environment through a stack. There will be increase in the pollutant load from 1.33 kgs / day to 1.72 kgs/day and hence, additional bag filter capacity should be created.
 - From the Sodium formate drier, suspended particulate matter will be emitted which is sent to wet scrubber and then to the stack. The existing scrubber should be replaced with a new one.



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- From both Mono PE drier and Di PE drier, SPM will be emitted which is sent
 to wet scrubber and then to stacks. There is an increase in the amount of
 pollutant but the proponent should increase the efficiency of the scrubber to
 absorb the additional pollutant load.
- (xlvii) The project proponent has to provide/ install the following before 30.04.2018 as committed and furnish proof of the same to SEIAA-TN:
 - The Sewage sludge bed capacity should be increased from 5.27 m3 to 10.5 m3.
 - The sludge drying bed 2. Nos should be provided in additional to the existing Sludge drying bed for managing sludge.
 - The agreement with hazardous waste management and disposal facilities shall be made including the quantum of hazardous waste and the life period.

(B) GENERAL CONDITIONS:-

- i. This Environmental Clearance shall not be cited to relax any other rules applicable to this project.
- ii. The Project Proponent should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the Environmental Clearance informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with TNPCB and also at the Website of the SEIAA, TN at http://www.seiaa.tn.gov.in.
- iii. A copy of the Environmental Clearance shall be sent by the project proponent to concerned local body and local NGO, if any from whom suggestions/representatives, if any were received while processing the proposal.

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- iv. The Environmental Clearance shall also be put on the website of the company.
- v. No expansion or modernization in the project shall be carried out without prior approval of the SEIAA-TN. In case of any deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the SEIAA-TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- vi. All the environmental protection measures and safeguards as recommended in the EIA report shall be complied with.
- vii. The implementation of the project vis-à-vis environmental action plans shall be monitored by the Regional office of MoEF& CC at Chennai, TNPCB and CPCB. A six monthly compliance status report shall be submitted to monitoring agencies regularly.
- viii. Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF&CC,GOI, at Chennai, TNPCB and Central Pollution Control Board as well as hard copy once in six months and display data on RSPM, SO₂ and NOx outside the premises at the appropriate place for the general public.
- ix. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- x. Proper house-keeping and cleanliness must be maintained within and outside the plant.
- xi. Occupational health surveillance programme shall be undertaken as regular exercise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health centre shall be strengthened and the medical records of each employee should be maintained separately.



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- xii. The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time).
- xiii. The actual CSR funds utilized in future should atleast be 2% of the annual profit but not less than Rs. 33.60 lakhs per annum.
- xiv. A separate Environmental Management Cell equipped with full fledged laboratory facilities to carry out the various Environmental Management and Monitoring functions shall be set up under the control of a Senior Executive.
- xv. The requisite amount earmarked towards capital cost and recurring cost/annum for implementing pollution control measures shall be used judiciously to implement the Environment Management Plan as furnished in the EIA report. The funds so provided shall not be diverted for any other purposes:
- xvi. The project proponent shall upload the status of compliance of the stipulated environmental clearance 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 the MOEF&CC,GOI at Chennai, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; RSPM, SO₂, NOx (ambient levels as well as stack emissions) or critical sector parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.



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- xvii. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.
- xviii. The Environmental Clearance is valid for 7 years from the date of issue.
- xix. Environmental Clearance is being issued without prejudice to the action initiated under Environment (Protection) Act, 1986 or any court case pending or any other court order shall prevail.
- xx. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xxi. The SEIAA/SEAC or any Competent Authority may suitably add any further condition(s) on receiving reports from the project authority. The above condition shall be monitored by the Regional Office of MoEF located at Chennai.
- xxii. The SEIAA, TN may revoke or suspend the Environmental clearance, if implementation of any of the above conditions is not satisfactory.
- xxiii. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.

2 4 APR 2018

MEMBER SECRETARY
SEIAA-TN

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2018

- xxiv. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
- xxv. The SEIAA-TN reserves the right to stipulate additional conditions if found necessary.

 The industry in a time bound manner shall implement these conditions.
- XXVI. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments ,draft Minor Mineral Conservation & Development Rules , 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.

Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

MEMBER SECRETARY SEIAA-TN

Copy to:-

 The Principal Secretary to Government, Environment & Forests Department, Govt. of Tamil Nadu, Fort St. George, Chennai – 600 009.



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- The Chairman, Central Pollution Control Board, PariveshBhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
- 3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai - 600 032.
- 4. The ACCF(C), Regional Office of MoEF, 34, HEPC Building, I & 2 nd Floors, Cathedral Garden Road, Nungampakkam, Chennai 600 034.
- Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi 110003.



AND THE STATE OF T

- 6. The District Collector, Cuddalore District.
- 7. Stock File.



Compliance to the Conditions stipulated in the Environmental Clearance for M/s. Asian Paints Limited – at Plot No. B5 - B10 SIPCOT Industrial Complex, Kudikadu village, Cuddalore Taluk, Cuddalore District issued by SEIAA on 24.04.2018

Reference Letter No. SEIAA/TN/F.6495/5(f)/EC-60/2018 dated 24.04.2018

We M/s Asian Paints Limited, Penta division, Cuddalore plant obtained Environment Clearance from SEIAA Tamilnadu on 24th April 2018. The mandated requirements prior to increase in production to the revised consented quantity were fulfilled and then manufacturing to higher production was started.

(A) Specific Conditions:

S.No		Condition	Compliance
fu Co 1 st ye	rnish to the compliance reput June and 1st car in respect of	for the Project Proponent to ne SEIAA, half yearly ort in hard and soft copies on December of each calendar of the conditions stipulated in nmental Clearance issued.	We here by confirm that, we have submitted half yearly compliance with respect of the conditions stipulated in the Environmental Clearance in hard and soft copy submitted to the SEIAA.
ii. Co fro an the	onsent for Est om Tamil Na d a copy of the e SEIAA, Ta	ablishment shall be obtained du pollution Control Board the same shall be furnished to amil Nadu before start of tion activity at the site.	We have obtained Consent to operate Expansion for our unit as expansion is based predominantly on de-bottlenecking.
an wa M ca Re	anagement pla d disposal of aste manager anagement, a rried out, as	tation of Environmental in in regard to the treatment sewage & Effluent, Solidment, Hazardous — Waste and CSR activities should be proposed and committed. Tring should be carried out phases.	We confirm that the implementation of Environmental management plan regarding the treatment and disposal of sewage & Effluent, Solid waste management, Hazardous Waste Management are being done as committed. The CSR activities were carried out by rejuvenating water bodies in Krishnanankuppam Panchayat, Primary Health Centres at Kudikadu, Karaikadu, Echankadu and Pachayankuppam Villages. Tree Plantation and Maintenance activities were also carried out. All sewage effluents are treated in Sewage Treatment Plant within our unit.



			authorization and it is sent to
			authorized agencies.
	shall be docume	lected from the evaporator ented by maintaining proper should be made available at	We here-by confirm that the details of residue collected from the evaporator is documented and monitored with register.
v.	Adequate dust ducting with d wherever requir	extraction system such as ust extracting arrangement ed shall be established to ional – health standards and	Adequate dust extraction system such as ducting with dust extracting arrangement is already available in Tech pentaerythritol, Mono Pentaerythritol, Di Pentaerythritol & Sodium Formate drier. Pulmonary Function Test is being carried out regularly for the employees and health standards are being monitored. The unit is having Continuous Ambient Air Quality monitoring station for monitoring the ambient air quality standards, the online VOC monitors are installed and the same are connected to CARE AIR center.
	-	t shall carryout best practices as spillage handling and maintenance and products inside the unit	We carry best housekeeping practice to avoid spillage while handling and maintenance of raw materials and products.
		P -	Nature of chemicals Handled, the Do and Don'ts has been displayed at all vital locations as laid down in MSDS.
,	of Hazardous V	hall ensure that the quantity Vaste handed over to the natch with the quantity	All Hazardous Waste generated are disposed to the TSDF and records are available.
	closed area ear	shall provide a separate rmarked for storing solid g Hazardous Waste as	We state that, a dedicated closed shed has been established for storing solid waste and Hazardous Waste.



Waste generated as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Spent oil from D.G sets should be stored in HDPE drums ir an isolated covered facility and disposed off through TNPCB registered recyclers. xi. The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste . xii. The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste . xiii. The e - waste generated should be collected and disposed to a nearby authorized e-waste center as per c waste (Management & Handling), Rules 2016 as amended. xiii. The Municipal solid waste generated shall be collected, segregated and disposed to a nearby authorized e-waste center (M/s Tess Amm Pvt Limited) as per e waste (Management & Handling), Rules 2016. xiii. The Municipal solid waste generated shall be collected, segregated and disposed as per be provisions of Plastic Waste (management & Handling), Rules 2016. xiii. The Municipal solid waste generated shall be collected, segregated and disposed as per solid Waste Management Rules, 2016. xiv. The industry shall conduct air sampling at least once in six months for the general core parameters (PM ₁₀ , PM ₂₅ , SO ₃ , NO ₃) through TNPCB/NABL Accredited Laboratory and maintain records of the same and it should be made available at the time of inspection. xv. Regular monitoring on the air quality, water quality and noise on the selected locations in and around the project site as mentioned in the EMP report for creating base line data shall be continued and records shall be maintained.			
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xx. The industry shall conduct air sampling at We confirm that air sampling survey			
xx. The industry shall conduct air sampling at We confirm that air sampling survey			
I locat territor in a broads (104 times in Section 1)	XX.		
			is being carried out twice in a week
		as supulated under EP Act 1986.	(104 times in a year), as stipulated
under EP Act 1986.		Pil I	
	XX1.		We confirm that the Risk cum
		-	
· ·		time.	available in the industry premises at
all time in the Emergency control			all time in the Emergency control
center.		· ·	center.
xxii. Water conservation scheme including rain We state that water conservation	xxii.	Water conservation scheme including rain	We state that water conservation
water harvesting measures to augment scheme including rain water		water harvesting measures to augment	scheme including rain water



	I ground water and 1, 11, 1	1
	ground water resources shall be	,
	implemented so as to collect and reuse the	been implemented in the factory
	entire rainwater harvested as a supplement to	premises.
***	fresh water.	
xxiii.	The natural drainage pattern in the project	We confirm that adequate and
	area shall be maintained and storm water	suitable storm water drains are
1	drain along the boundary and appropriate -	provided in the factory premises
	places shall be provided considering -the	considering the Catchment area and
	Catchment area and maximum intensity of	maximum intensity of rainfall and
	rainfall to collect runoff water/rain water for	the runoff water/rain water collected
!	proper disposal to avoid flooding around the	for proper disposal to avoid flooding
	premises.	around the premises.
xxiv.	The Environmental Clearance is issued	We state that we abide by the said
	without prejudice to any order that may be	conditions.
	passed by the Hon'ble NGT/ Hon'ble High	
	Court of Madras.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
XXV.	All the assurances given in EIA and EMP	We state that we have been abiding
	shall be adhered to strictly.	by the said conditions.
xxvi.	Detail study shall be carried out by engaging	We confirm that Risk and Disaster
	accredited agencies / reputed institutions for	management study has been carried
	Risk management and detailed Disaster	out by accredited agency and
	management plan prepared for compliance.	suitable plan has been prepared and
		complied.
xxvii.	Sufficient funds should be provided for	We assure that the dedicated budget
	Disaster management.	is provided for Disaster
		management plan every year. Public
		Liability Insurance is obtained from
		Iffco Tokio Insurance company.
xxviii.	The Project Proponent shall provide	We state that UV disinfection
	disinfection by UV system for the sewage	system has been provided for our
	treatment plant for treating the sewage	existing sewage treatment plant.
	before applying on land for gardening.	on and the state of the state o
xxix.	The project proponent must provide closed	We confirm that Closed loop silo for
	loop silo for ash handling and the same shall	ash handling has been installed and
	be installed before 30.05.2018 as	it is operational condition.
	committed-and submit the proof to SEIAA-	20 20 Sportational Conditions
	TN,	
xxx.	The project proponent shall provide	We confirm that sufficient
MIA.	sufficient ventilation (air circulation) in the	ventilation (air circulation – 1 no. of
	hazardous waste storage yard where the	·
	nazardous waste storage yard where the	vent) has been provided in the



	hazardaya waath lileat . 1 Ol ' 1	
	hazardous waste like spent carbon, Chemical	
	sludge, used or spent oil are being kept.	the hazardous waste like spent
		carbon, Chemical sludge, used or
ļ		spent oil are being kept.
xxxi.	The industry should completely revamp fly	1
	ash collection from the source, conveyance,	state that the generated fly ash is
	storage and disposal in a more scientific	collected in a closed system (SILO)
121	manner and to reduce the fugitive emissions	instead of manual collection. The fly
	in fly ash handling. The final disposal of the	ash is disposed as per MoEF & CC
- =	fly ash will be as per MoEF & CC	Notification S.O. 254 (E) dated:
	Notification S.O. 254 (E) dated: 25th	25th January,2016.
	January,2016.	
xxxii.	The Project Proponent shall carry out-safety	We confirm that the safety audit is
	audit in the different operating zones of the	being conducted once in a year by
	plant at least once in a year and the same	competent person.
	shall be considered as base for reviewing the	
	unsafe conditions during the plant safety	LOV Brown
	meeting.	
xxxiii.	The Project Proponent shall prepare a code	We confirm that we are having
	of practice for safe operation for educating	safety manual/SOP for every
	the safety standards to the work force	process and training being imparted
	deployed in the plant through appropriate	to all the employees for safe
	training by the concerned experts.	handling of chemicals as well as for
	and the state of t	safe operations.
xxxiv.	As the plant operation involves the sensitive	We state that our factory medical
, mair,	processing, the medical officer and the	officer and the supporting staff (3)
	supporting staff involved in the health centre	1
0	activities shall be trained in occupational	Nos.) is being involved in the
		occupational health center activities
	health surveillance (OHS) aspects through the outsourced training from the experts	and has been trained in occupational
		health surveillance (OHS) aspects as
	available in the field of OHS for ensuring	per Tamil Nadu Factories Rules
	the health standard of persons employed.	1950.
	The estivity of the industry 1	TY/ 6 1
xxxv.	The activity of the industry should no way	We confirm that in no way the
	pollute water bodies such as Uppanar River,	activity of the industry pollute the
	Perumal Lake & Bay of Bengal.	nearby water bodies. All treated
		water is being reused.
xxxvi.	The Activity of the industry should not	We confirm that we have provided
	impact on agricultural, irrigation system and	and maintaining the air and water
	mangroves surrounding the area.	pollution control/prevention
		equipment's as per the condition of
		P. Taraharita



xxxvii.	The EMP cost of Rs.576 lakhs and operation	the TNPCB consent order. Our manufacturing activities do not affect nearby agricultural, irrigation system and mangroves surrounding the area. We confirm that we maintain a
	and maintenance cost Rs. 23.6 lakhs shall be deposited in a nationalized bank by opening a separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	separate bank account (A/c no.: 37888950027, State Bank of India, O.T, Cuddalore) for expenses related to implementation of Environment Management Plan. Our corporate office has approved dedicated budget for improvement of the existing Environment management programme. The approved budget spent for Environmental activities along with the expense details are submitted to TNPCB with a copy to SEIAA.
xxxviii.	There should be no threat to Bio diversity due to the operation of the industry.	Bio-diversity with birds with natural habitat in the green belt maintained. Different tree varieties are planted. 1. Calophylluminophyllum-Pungan 2. Syzygiumcumini- Naval 3. Thespesiapopulnea- Poovarasu 4. Terminalia arjuna- Neermarudu 5. Ficusbengalensis — Alamaram 6. Ficusretusa- Atthi 7. Ficusbengalensis- Arasamaram 8. Alstoniascholaris- Palai 9. Mimusopselengi - Mahilam 10. Madhucalongifolia - Ihupai
xxxix.	The Flora & Fauna present in and around the project site should not get affected due to the activity as reported.	Butterfly garden is maintained. We confirm that the Flora & Fauna present in and around the factory premises are in good condition. They will not get affected due to our manufacturing operation. Sparrow, Wood pecker, Parrot, Myna, king
		fisher are present.



xl.	The Project Proponent has to provide rain	We state that we had provided rain
	water harvesting collection tank to the	water harvesting tank of 200 cu.m
	capacity of 200 cu.m in order to recover and	capacity within the plant. We have
	reuse the rain water during normal rains.	desilted Manakollai Lake with
		37950 cum rainwater harvesting
		potential facility beyond the fence.
		Previous lake desilting include
		Sedapallam, Agraharathu Eri & T
		Palayam.
xli.	The operation of the activity should not	We state that the operation of the
	Impact on the soil, micro flora & Fauna	activity has no Impact on the soil,
	present in and around the project site.	micro flora & Fauna present in and
		around the Factory premises.
xlii.	The project proponent shall carry out risk	We confirm that we had carried out
	assessment process for all the operations	a detailed Quantitative Risk
	involved in the plant and a suitable, risk;	assessment showing the contours of
	management plan showing the contours of	sensitive zones by competent person
	sensitive zones should be prepared.	for all the operations involved in the
		plant. The recommended points
		have been implemented.
xliii.	The industry shall develop green belt in the	We state that we had planted 14,500
	open areas by planting the following species	trees in 4.5 Hectares of the factory
7	in future:	premises.
	1. Calophylluminophyllum-Pungan	
	2. Syzygiumcumini- Naval	
	3. Thespesiapopulnea-Poovarasu	_
	4. Terminalia arjuna- Neermarudu	
	5. Ficusbengalensis — Alamaram	
	6. Ficusretusa-Atthi	
	7. Ficusbengalensis- Arasamaram	
	8. Alstoniascholaris- Palai	
	9. Mimusopselengi - Mahilam	
	10. Madhucalongifolia — Ihupai	
xliv.	The project proponent shall take up better	Asian Paints is adhering with the
	housekeeping measures including scraps	practice as per 5S management
	disposal and up keeping the machineries,	system for housekeeping.
	pipes etc.	
xlv.	The proponent should continuously monitor	We confirm that we had already
	the VOC and ensure that VOC levels are	installed online VOC monitoring
	within permissible limits.	system in our plant and the same is
		connected to CARE AIR CENTRE,
		P Jayakan than



		TNPCB, GUINDY We maintain
		VOC levels within the permissible
		limit.
xlvi.	Air pollution control — there are four	We ensure that the air pollution
	sources of air emissions within the industry	control system has been established
	process-Tech PE drier, Sodium formate	in the following locations.
	drier, Mono drier and Di PE drier.	1. The existing TECH PE Drier
	1. From the Tech PE drier, particulates	bag filter capacity has been
	of Pentaerythritol will be emanating	increased from 74.30 m ² to
	which will be controlled in a bag	75.46 m ² thereby capable to
	filter and finally emitted to the	handle pollution load to 1.72
	environment through a stack. There	Kgs / day
	will be increase in the pollutant load	2. The low capacity wet
	from 1,33 kgs/ day to 1.72 kgs/day	scrubber has been replaced
	and hence additional bag filter	with higher capacity wet
	capacity should be created.	Scrubber thereby improving
	2. From the Sodium formate drier,	the scrubbing efficiency as
	suspended particulate matter will be	recommended.
	emitted which is sent to wet scrubber	3. The existing wet scrubber
	and then to the stack. The existing	scrubbing liquid flow rate
	scrubber should be replaced with a	has been increased as
	new one.	mentioned below by which
	3. From both Mono PE drier and Di PE	the scrubbing efficiency has
	drier, SPM will be emitted which is	got increased by which the
	sent to wet scrubber and then to	
	stacks. There is an increase in the	emission levels got reduced.
		1. Mono PE Scrubber – 6
	-	litres per minute (lpm) to
	* *	6.5 lpm
	efficiency of the scrubber to absorb	2. Di PE Scrubber – 7.5
	the additional pollutant load.	lpm to 8 lpm.
12		XXI. C* .1
xlvii.	The project proponent has to provide/ install	We confirm that we have installed
	the following -before 30.04.2018 as	the below mentioned activities
	committed and furnish proof of the same to	before 30.04.2018:
	SETAA-TN:	1. We state that the sludge bed
	1. The Sewage sludge bed capacity should	capacity has been increased
	be increased from 5.27 m3 to 10.5 m3.	from 5.27 m^3 to 10.5 m^3 as
	2. The sludge drying bed 2. Nos should be	recommended.
	provided in additional to the existing Sludge	2. We state that the existing 2 nos.
	drying bed for managing sludge.	of open type sludge bed has
	3. The agreement with hazardous waste	been provided as closed type
	management and disposal facilities shall be	solar drying bed by covering
		P Jamkanthan
		PANIO
	I I	/ / / \\Z\

CUDDALORE)

made includin	g the quantum of hazardous		with UV stabilized sheet there
waste and the	ife period.		by the drying capacity/efficiency
			has got increased, which meets
			the said requirement.
		3.	The agreement has been
			amended for the quantum of
			Hazardous waste with life
			period.

(B) General Conditions

S.No	Condition	Compliance
1.	This Environment clearance shall not be cited to relax any other rules applicable to this project	Agreed upon.
2.	The project proponent should advertise at least in two local newspapers widely circulated. One of which shall be in the vernacular language of the locality concerned within 7 days of the issue of the Environmental clearance informing that the project has been accorded Environmental clearance and a copy of the clearance letter is available with TNPCB and also at the website of the SEIAA. TN at Http://www.seiaa.tn.gov.in	Information on accordance of the Environment clearance to the project has been published in two local newspapers.
3.	A copy of the Environmental clearance shall be sent by the project proponent to concern local body and local NGO, if any from whom suggestions/ representatives if any were received while processing the proposal.	A copy of the Environment clearance has been submitted to local body and local NGO
4.	The Environmental clearance shall also be put on the website of the company	The Environment clearance has been published in Company web site.
5.	No expansion or modernization in the project shall be carried out without prior approval of the SEIAA – TN. In case of any deviations or alterations in the project proposal from those submitted to this authority for clearance, a fresh reference shall be made to the SEIAA – TN to assess the adequacy of conditions imposed and to add additional environmental protection measures required if any	Agreed upon and followed
6.	All the environmental protection measures and safeguards as recommended in the EIA report shall	All Environmental protection measures and safe guards are



	be complied with	complied with.
7.	The implementation of the project vis a vis environmental action plans shall be monitored by the Regional office of MoEf & CC at Chennai TNPCB and CPCB six monthly compliance status report shall be submitted to monitoring agencies regularly	Half yearly compliance report is
8.	Data on ambient air, stack and fugitive emissions shall be regularly submitted online to the Regional office of MoEF & CC, GOI at Chennai TNPCB and central Pollution control board as well as hard copy once in six months and display data on RSPM, SO2 and Nox outside the premises at the appropriate place for the general Public	The datum on ambient air, stack and fugitive emissions are being submitted as per the time lines. Data on RSPM, SO ₂ and No _x are displayed near the factory gate for the general Public.
9.	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per the factories act	Occupational health surveillance of the workers is being carried out on regular basis and records are maintained as per the factories act.
10.	Proper housekeeping and cleanliness must be maintained within and outside plant	Housekeeping is being done inside and outside the plant.
11.	Occupational health surveillance programme shall be undertaken as regular excise for all the employees, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee should be maintained separately.	Occupational health surveillance programme is being undertaken for all employees specifically for those engaged in handling hazardous substances. The occupational health center is equipped with full-fledged first aid facilities and the medical records of the employees are being maintained.
12.	The overall noise levels in and around the plant area shall be kept well within the standards prescribed for by providing noise control measures including acoustic hoods, silencers, enclosures etc., on all the sources of noise generation. The ambient noise levels should conform to the standard prescribed under EPA rules, 1989 viz 75 dBA (Day time) and 70 dBA (Night time)	The Overall noise levels in and around the plant area are maintained well within the standards by providing required noise control measures such as acoustic enclosures, silencers on all sources of noise generation. Ambient noise levels were measured by TNPCB and all the measured values are within the permissible limits (ROA is enclosed).
	PJayakanth	



13.	The actual CSR funds utilized in future should at	The CSR activities were carried
	least be 2% of the annual profit but not less than	out and completed as per the
	Rs.33.60 Lakh per annum	commitment of not less than 33.60
		Lakhs per annum. Details are
		enclosed.
	200	All the amounts spent are more
		than 2% of the annual profit.
14.	A separate environmental Management cell	
	equipped with full-fledged laboratory facilities to	Management cell equipped with
	carry out the various environmental management	full-fledged laboratory facilities to
	and monitoring functions shall be set up under the	carry out the various
	control of a serior executive.	environmental management
1	8 -	activities and monitoring functions
	- 4	is available.
15.	The requisite amount earmarked towards capital	Agreed upon & followed.
	cost and recurring cost / annum for implementing	
İ	pollution control measures shall be used	
	judiciously to implement the environment	
	management plan as furnished in the EIA report.	
	The funds so provided shall not be diverted for any	
	other purpose.	
16.	The project proponent shall upload the status of	The status of compliance of the
	compliance of the stipulated environmental	stipulated environmental clearance
	clearance conditions, including results of	conditions, including the results of
	monitored data on their website and shall update	the monitored data are uploaded in
	the same periodically. It shall simultaneously be	the website and simultaneously
	sent to the regional office of the MoEF, CC, GOI at	sent to the regional office of
	Chennai the respective zonal office of CPCB and	MoEFCC, respective zonal office.
	the SPCB. The criteria pollutant levels namely	The pollutant levels namely
	RSPM,So2, Nox (Ambient levels as well as stack	RSPM, SOX, NOX (Ambient
	emissions) or critical sector parameters, indicated	levels as well as stack emissions)
	for the projects shall be monitored and displayed at	are monitored and displayed near
	a convenient locations near the main gate of the	the main gate of the company in
	company in the public domain.	the public domain.
17.	The environmental statement for each financial	The environment statement for
	year ending 31st march in form V as is mandated to	each financial year ending 31st
	be submitted by the project proponent to the	March in Form V is being
	concerned state pollution control Board as	submitted to the concerned state
	prescribed under the Environment (protection)	pollution control Board as
	Rules 1986, as amended subsequently, shall also be	prescribed under the
	D Tarretar than	



	put on the website of the company along with the	Environment(Protection)Rules
	status of compliance of environmental conditions	1986, as amended subsequently
	and shall also be sent to the respective regional	and also published in the company
	offices of the MoEF by e mail.	website along with the compliance
		of environmental conditions and
		the same is being sent to the
		respective regional offices of the
		MoEF CC.
18.	The environmental Clearance is valid for 7 years	Agreed upon.
	from the date of issue	
19.	Environmental clearance is being issued without	Agreed upon.
	prejudice to the action initiated under Environment	
	(Protection) Act 1986 or any court case pending or	
	any other court order shall prevail	E-
20.	The SEIAA TN may alter/modify the above	Agreed upon.
	conditions or stipulate any further condition in the	- 1
	interest of Environment protection	(a) (b)
21.	The SEIAA/SEAC or any competent authority may	Agreed upon.
	suitably add any further conditions on receiving	
	reports from the project authority. The above	
	condition shall be monitored by the Regional office	
	of MoEF located at Chennai.	
22.	The SEIAA TN may revoke or suspend the	Agreed upon.
	Environmental clearance, if implementation of any	
	other above conditions is not satisfactory	
23.	The SEIAA, TN may cancel the environmental	Agreed upon.
	clearance granted to this project under the	
	provisions of EIA notification, 2006, if, at any	
	stage of the validity of this Environmental	
	Clearance, if it is found or if it comes to the	
	knowledge of this SEIAAA, TN that the project	9
	proponent has deliberately concealed and or	
	submitted false or misleading information or	
	inadequate data or submitted misleading	
	information or inadequate data for obtaining the	
	Environmental clearance.	
24.	Failure to comply with any of the conditions	Agreed upon.
Z-7.	mentioned above may result in withdrawal of this	Agreed upon.
	-	
	clearance and attract action under the provisions of	
	the Environment (Protection act 1986.	



25.	This SEIAA - TN reserves the right to stipulate	Agreed upon.
	additional conditions if found necessary. The	
	industry in a time bound manner shall implement	
	these conditions	
26.	The above conditions will be enforced inter alia,	Agreed upon.
	under the provisions of the water (Prevention &	
	Control of pollution) Act 1974, the air (Prevention	
	and control of pollution) Act 1981, The	
	Environment protection act 1986, the public	7.
	Liability insurance Act 1991, along with their	
ł	amendments draft minor mineral conservation &	
	development rules - 2010 framed under MMDR	
1	Act 1957, national commission for protection of	
	Child Right Rules 2006 and rules made there	
	under and also any other orders passed by the	# =
	hon'ble supreme court of India Hon'ble High Court	
	of Madras and any other courts of law relating to	
	the subject matter.	
27.	Any appeal against this environmental clearance	Agreed upon.
	shall lie with the Hon'ble national green tribunal, if	•
	preferred, with in a period of 30 days as prescribed	
	under section 16 of the National Green Tribunal	
	Act 2010.	2



CUDDALORE



ASIAN PAINTS LIMITED PENTA DIVISION AN ISO 9001 ISO 14001 & ISO 45001 UNIT 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
Pan: AAACA3622K

Asian Paints Limited B-5 to B-10 Sipcot Industrial Complex, Kudikadu Village, Cuddalore - 607 005. Tamil Nadu Tel.No-04142-239248 www.asianpaints.com

APL/CDL/PENTA/FORM-V/ 14 /2022-23

GST No. 33AAACA3622K1Z2

To

The District Environment Engineer,
Tamil Nadu Pollution Control board,
A-3, SIPCOT Industrial Complex,
Near SIPCOT Fire Station,
CUDDALORE – 607 005



Dear Sir,

Sub: Submission of Environmental Statement (FORM V) for PENTA Plant as on 31.03.2023.

We are enclosing herewith the Environmental statement for Penta Plant (FORM-V) / Annual implementation report for the Financial Year 2022 -2023.

This is for your kind perusal.

Thanking you,

Yours faithfully, for ASIAN PAINTS LIMITED

P Jayakanthan
P.Jayakanthan
Senior Production Manager

Encl: Environmental statement for Penta Plant (FORM-V)

CC TO.

The Member Secretary,
Tamil Nadu Pollution Control board,
76,Mount Salai,
Guindy,
Chennai – 600 032

ETY37302556IN IVR:6984937302596

SP SIPCOT CUDDALORE S.O <607005>

Counter No:1,24/05/2023,12:11

To:THE MEMBER SE,TH POLLUTION CON
FIN:600032, Guindy Industrial Estate S.O
From:ASIAN PAINT,SIPCOT INDUSTRIA
Wt:115gms
Amt:41.30(Cash)Tax:6.30

<Track on www.indiapost.gov.in>

FORM V - PENTA PLANT **Environment Statement for the Financial Year ending 31st March 2023**

PART A

1. Name and address of the Owner/Occupier of the Industry operation or

SHRI.AMIT SYNGLE

MANAGING DIRECTOR AND CEO

ASIAN PAINTS LIMITED

PENTA DIVISION

B5 - B10 SIPCOT INDUSTRIAL COMPLEX

CUDDALORE 607005.

2. Industry/Category Primary

Red / Large

(STC Code)

Process

Secondary (STC Code)

3. Production Capacity **Consented Quantity:**

PENTAERYTHRITOL 730 MT/MONTH SODIUM FORMATE 480 MT/MONTH FORMALDEHYDE 675 MT/MONTH

4. Year of establishment

1986

5. Date of the last environmental

20.05.2022

Statement submitted

PART-B WATER AND RAW MATERIAL CONSUMPTION

Water Consumption Cu.M/day :549 Process Cu.M/day :469 Domestic Cu.M/day : 80

Name of products Process water consumption per product output				
	During the previous (2021-22) financial year MT (Fresh water considered)	During the current (2022-23) financial year (Fresh water consumption /MT)		
Pentaerythiritol *	2.06	0		
Sodium Formate	1.94	0		
Formaldehyde (100%)	0.26	1.7		

^{*}Water is received along with raw materials.



2. Raw Material Consumption:

		Consumption of Raw Material per unit of output (Tons/Ton)		
Name of Raw Material	Name of products	During the previous financial year (2021-22)	During the current financial year (2022-23)	
a. FORMALDEHYDE (100%)	PENTAERYTHIRITOL	1.095	1.098	
b. ACETALDEHYDE	AND	0.378	0.376	
c. CAUSTIC LYE (100%)	SODIUM FORMATE	0.367	0.365	
d. METHANOL		1.292	1.275	

PART- C

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

Pollutants		centrations of pollutants discharges in MT/ year	Percentage of variation from prescribed standards with reasons
a. WATER	TDS	42.41 (MT/ year)	NIL
b. AIR		0.315 (MT/ year) 0.110 (MT / year) 0.376 (MT/ year) erage value of Stacks emission one by TNPCB	NIL



PART- D Hazardous Wastes

(As specified under Hazardous Wastes/Management and Handling Rules, 1989) as amended in 2000

Hazardous Wastes	Total quantity in (Ltrs)		
	During the previous financial year (2021 -22)	During the current financial year (2022 - 23)	
a. From Process			
Used System oil	900 Liters	400 Liters	
Other Spent oil	300 Liters	215 Liters	
Spent Carbon.	5930 Kgs	5540 Kgs	
Distillation residue	441.860 MT	26.16 MT	
From Pollution Control Facilities From			
ETP/MEE/ATFD	171.930 MT	171,658 MT	

PART-E Solid Wastes

	Total quantity	
	During the previous financial year (MT) (2021-22)	During the current financial year (MT) (2022-23)
a. From Process / Ash from Boiler*	NA	NA
b. From Pollution control facilities From ETP	NIL	NIL
c. i. Quantity recycled or reutilized+	NIL	NIL
with in the unit.	NIL	NIL
ii. Sold	NIL	NIL
iii Disposed / Ash from Boiler	NA	NA

• Details are given in Form V of CPP , NA-refers to not applicable PART-F

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

Sl. No.	PARAMETERS	USED OILS	WASTE OIL
1	Color (Hazan units.)	Brown	Dark Brown
2	Water %	BDL(DL:0.05%)	0.28%
3	Density (g/cc)	0.8656 kg/l	0.8650 kg/l
4	Total halogens (ppm)	15	16
5	Chromium as cr (ppm)	ND	0.1
6	Nickel as Ni (ppm0	ND	0.3
7	Cadmium as cd (ppm)	< 2.5	3.2
8	Lead as Pb (ppm)	1.4	0.9
9	Arsenic as As (ppm)	ND	ND
10	PAH (ppm)	0.18	0.20
11	PCB (ppm)	BDL(D.L 2.0 ppm)	BDL(D.L 2.0 ppm)

Both Used and Spent Oils are disposed to authorized Hazardous waste recycle

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

Water consumption

Financial year	Water consumption	Reason
2022-23	2,18,122 KL	Low demand for product
2021-22	2,29,096 KL	

Production details

Financial year	Pentaerythritol in MT	Sodium Formate inMT	Formaldehyde in MT	Reason
2022-23	8041	4979	7075.59	Low demand for
2021-22	8671	5253	7796	product

- 1500 tree saplings were planted in our factory premises (comprising of Penta &CPP) for the FY 2022-2023.
- The effluent generation is being periodically monitored on shift-wise basis and appropriate action is taken to reduce the effluent generation from source itself.
- The Effluent Treatment Plant is being operated as per the established operating procedure and the performance is being monitored closely to ensure consistent COD & BOD reduction across aeration system.
- The Sewage Treatment plant was successfully operated for achieving the sewage standards and the treated water is used for gardening purpose.
- Recovered water from the Zero Liquid Discharge system is used in our Cooling tower.
- Water treatment plant performance is maintained at average output between regeneration of 1250 KL.

- Wash water re usage in our crude belt filter is practised.
- The ambient air and various emission discharge points of boiler stack and process stacks are being monitored at regular intervals by engaging external laboratory and Advanced environmental lab, TNPCB. The quality of the emission from the emission points are well within TNPCB norms.
- The sludge generated from ETP and ATFD (ZLD unit) is being sent to TNWMA,
 Gummidipoondi for disposal as and when required.
- Distillation residue generated from process is sent to M/s GGEPIL, Ranipet for disposal.
- Conversion of dry sieving machine to 2 parts will enable less dust reduction
- Sprinkler systems is used for gardening purpose.
- Solar dryer for drying of Hazardous waste is installed

AIR EMISSION MONITORING

- We are monitoring the ambient air quality weekly twice at two different locations. (Both up wind and Downwind directions.)
- We have been regularly monitoring boiler stack emission by engaging reputed laboratories / TNPCB's laboratory.
- We are monitoring the Ambient VOC / THC / AAQ, in different locations (Both upwind and down wind direction) once in three months and ensured that the values are well within the limit.
- One online NAAQ monitoring station is available in predominant wind direction in consultation with TNPCB officials to monitor PM_{2.5}, PM10, SO2 & NOx and the monitored data are uploaded to CARE AIR CENTRE, TNPCB.
- One TVOC meter is available in the process area and the monitored data is uploaded to CARE AIR CENTRE, TNPCB.
- LDAR is being carried out on a regular basis by which the VOC emissions were identified and controlled on 31st may2022 and 1st June-2022.

Details of activities carried out to maintain the ambient air quality are as follows: -

- New storage capacity for storage of Acetaldehyde is installed for improving storage condition.
- Online NAAQ monitoring station has been installed and connected with care air system.
- The Process stacks monitoring is done every quarter.
- LDAR is being carried out using MoEF approved Laboratory once in a year as per consent requirement and the leaks if any were arrested.
- Nursery is developed for Rose, Herbal plant and other native tree species.

ENVIRONMENT & SAFETY MANAGEMENT: ISO 14001 & 45001

- We have designed and implemented the Environmental Management System (EMS) as per the international standard ISO 14001& 45001. This system is being regularly audited every six months by M/s Det Norske Veritas (DNV/GL).
- Our unit is certified for ISO 9001 standards by M/S DNV/GL.
- The recommendations from the audits are implemented on a regular basis.

TRAINING OUR EMPLOYEES ON ENVIRONMENTAL ISSUES:

- Regular training programmes are being conducted for our employees to educate, train and motivate their activities in an environmental friendly/responsible manner.
- As a part of ongoing ISO 14001 and ISO 45001 activities, we have been conducting job
 related environmental training programmes for all our employees in various departments for
 developing/improving their skill levels.
- We are taking lead for spreading awareness on Environmental preservation by campaigning on environmental issues among our employees and neighbouring villagers.
- The Environment Day was celebrated in our factory every year. Detailed speech was given by
 environment team to the Employees regarding the importance of maintaining Asian ty
 environment.

• Fly ash is sent to M/s.Ramco TSK Fly Ash Bricks, Saravana Cements, India Fly Ash Bricks.

PART-H

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

- Rainwater collection and harvesting was done (around 200 cubic meters)...
- We are continuing to use Environmental friendly imported coal originating from Indonesia.
 This coal contains less Sulphur content.
- Methanol transfer line from unloading pump to storage tank was replaced to reduce fugitive emission.
- Sprinkler system is provided in Acetaldehyde storage, warehouse & coal conveyor.
- Breather valve is provided in storage tank.
- Lake delisting is done nearby village in Sedapallam (Photos enclosed)
- Additional water holding capacity of 20000 KL is generated in Sedapallam
- Cumulative water harvested from 2017-2023 = 99312 cubic meter.

PART - I

Any other particulars for improving the quality of the environment.

- We are conducting characterisation of the effluent and recycling the same in the plant for various process applications.
- New Multiple Effect Evaporator setup was commissioned.
- Solar dryers in sludge drying beds for improving the drying efficiency of the sludge drying beds is performing well.
- Category-wise identification of population of trees (13000 Nos.) within the plant and 1400 trees beyond the boundary made.
- Participated in CII ESHS award giving all details of our performance in environment.
- The rainwater harvesting trenches in the boiler area was constructed for effective harvesting of rainwater.
- Environment Management Cell details:

Name Designation		Qualification	
P. Jayakanthan	Senior Production Manager	B.Tech (Chemical) & Diploma in Industrial Pollution & Control	
K.Marimuthu	Senior Executive	M.Sc.(Chemistry) ,MBA.,DCPI,RBP.,	
Devaganesh	Safety Offier	BE (Chemical)& PG Diplomain factory safety	
A.Karthikeyan	Chemist	M.Sc.(Chemistry)	

CSR activities carried out during FY 2022-23

CSR Projects – 2022-23	Sector in which the project is covered	Annual Budget- Rs Lakhs
Primary Health Centers at 4 Villages (Echankadu, Kudikadu, Echankadu and Karaikadu Villages)	Health and Hygiene	19.7
Wash project Construction of Toilets in Echankadi Village	Health and Hygiene	3.2
Wash project Construction of Toilets in Semendalam ITI	Health and Hygiene	7.05
Sub-Total		29.9
Restoration of water bodies (Karaikadu)	Water Management	31
Restoration of water bodies (Sedapallam)	Water Management	78.9
restoration of 2 water bodies (pachyankuppam)	Water Management	21.03
ree Plantation program in near water bodies	Water Management	9.5
	W ater Management	21
ub-Total		161 0
otal		161.3 191.3



Details of production capacity, manufactured during April 2023 – January 2024

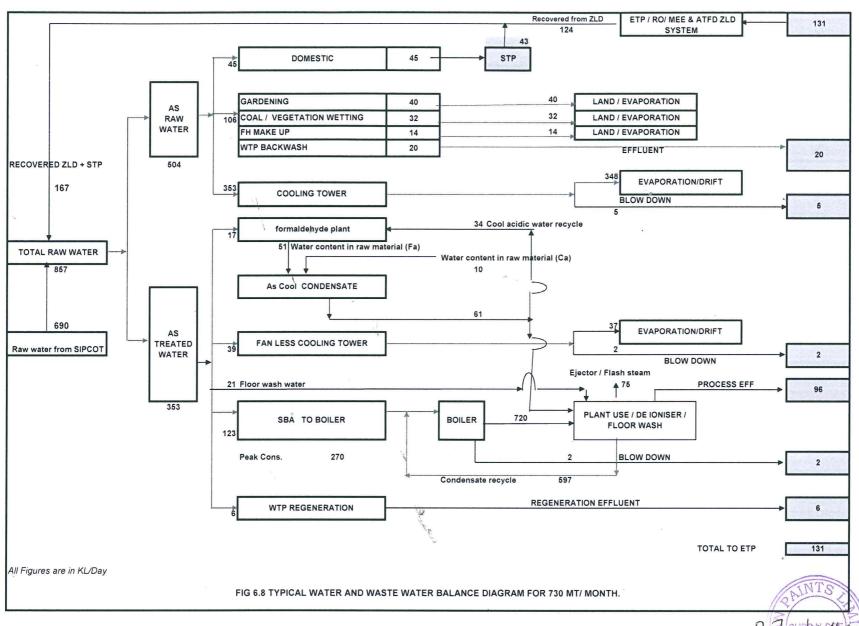
M/s. Asian Paints Limited (Penta Division) – at B5-B10 SIPCOT Industrial Complex, Kudikadu Village, Cuddalore Taluk, Cuddlore District

	Pro	oduct	By Product
Month	Formaldehyde (100% purity) in MT	Pentaerythritol (Powder and Solution Form) in MT	Sodium Formate (Powder and Solution Form) in MT
April 2023	511	625	366
May 2023	525	591	390
June 2023	484	490	296
July 2023	648	672	411
August 2023	518	561	350
September 2023	530	558	366
October 2023	456	521	313
November 2023	455	500	312
December 2023	265	314	185
January 2024	586	730	479









Janjakanthan

M/s. Asian Paints Limited - Penta Division

Water Conservation Measures

Water Conservation Measures

- Recovered permeate water from the Zero Liquid Discharge system is used in our Cooling tower.
- Water treatment plant performance is continuously monitored & maintained at average output between regeneration of 1250 KL.
- Wash water re-usage in our crude belt filter is practiced
- Rainwater harvesting trenches in the boiler area was constructed for effective harvesting of rainwater.
- Rainwater collection and Harvesting was done (around 200 Cu.m)
- Rainwater harvested through desilting lakes (22,172 Cu.m)
- The effluent generation is being periodically monitored on shift-wise basis and appropriate action is taken to reduce the effluent generation from source itself.
- The Effluent Treatment Plant is being operated as per the established operating procedure and the performance is being monitored closely to ensure consistent COD & BOD reduction across aeration system.
- The Sewage Treatment plant was successfully operated for achieving the sewage standards and the treated water is used for gardening purpose.
 - Routine maintenance of taps are done to reduce water wastage.
 - Condensate water from Process steam is reused in Boiler upto 85%.



Sudit K. Parekh & Co. LLP Chartered Accountants

The Board of directors Asian Paints Limited 6A Shantinagar,

Santacruz (East) Mumbai – 400 055.

Independent Practitioner's Report on Gross Block of Property plant and equipment pertaining to Non Boiler category for Penta division as at 31st March, 2023

- 1) This report is issued in accordance with the terms of our agreement dated 13th May, 2022.
- 2) The accompanying Gross Block of Property plant and equipment pertaining to Non Boiler category for Penta division as at 31st March, 2022 (the "Statement") has been prepared by Asian Paints Limited (the "Company"), in respect of its plant located at B-5, Sipcot Industrial Estate, Kudikadu, Cuddalore, Tamil Nadu 605007 ("Penta division") pursuant to the requirement of submission to Pollution Control Board of the state of Tamil Nadu. We have signed the Statement for identification purposes only.

Management's Responsibility

- 3) The accompanying Statement, including the creation and maintenance of all accounting and other records including fixed asset register supporting its contents, is solely the responsibility of the Management of the Company. The Company's Management is responsible for the designing, implementing and maintaining internal control relevant to the preparation and presentation of the Statement, and applying an appropriate basis of preparation; and making estimates that are reasonable in the circumstances.
- 4) The Company's Management is responsible for identification and bifurcation of the Property plant and equipment of Penta division into the category of boiler assets and non boiler assets.
- 5) The Company's Management is also responsible for ensuring that the Company complies with the requirements and for providing all relevant information to the Pollution Control Board of the state of Tamil Nadu.

Practitioner's Responsibility

- 6) It is our responsibility to provide reasonable assurance on the Statement based on our examination of the matters in the Statement with reference to the audited books of account and other records of the Company for the year ended 31st March, 2023, which have been subjected to audit pursuant to the requirements of the Companies Act, 2013 (the "Act").
- 7) The management maintains separate record for Gross Block of Property, plant and equipment and Intangible assets pertaining to Non Boiler and Boiler category at Penta division and we have relied on the same.

Sudit K. Parekh & Co. LLP

- **Chartered Accountants**
- 8) The financial statements for the year ended 31st March, 2023, have been audited by Deloitte Haskins & Sells LLP on which they have issued an unmodified audit opinion vide their audit report dated 11th May, 2023. Their audit of these financial statements was conducted in accordance with the Standards on Auditing specified under Section 143 (10) of the Act. This audit was performed pursuant to the requirements of the Act and hence it may not be suitable for another purpose which may be of potential interest to third parties.
- 9) We conducted our examination of the Statement in accordance with the Guidance Note on Reports or Certificates for Special Purposes issued by the Institute of Chartered Accountants of India. The Guidance Note requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India.
- 10) We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that Perform Audits and Reviews of Historical Financial Information, and Other Assurance and Related Services Engagements.

Opinion

11) Based on our examination, as above, and the information and explanations given to us, we report that the Statement is in agreement with the audited books of account for the year ended 31st March, 2022 of the Company as produced to us for our examination.

Restriction on Use

12) This report has been issued at the request of the Board of Directors of the Company, for submission to the Pollution Control Board of the state of Tamil Nadu. Our report should not be used for any other purpose or by any person other than the addressees of this report. Accordingly, we do not accept or assume any liability or duty of care for any other purpose or to any other person to whom this report is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

For Sudit K. Parekh & Co. LLP

Chartered Accountant

Firm Registration No: 110512W/W100378

KAPADIA NEMISH BHARAT

Nemish Kapadia

Partner

Membership No: 111929

Place: Mumbai

Certificate Ref. No: NBK/AP/18/2023-24 UDIN Ref. No. 23111929BGQNZI1421

Schedule of Gross Block of Property plant and equipment and Intangible assets pertaining to Non Boiler category for Penta division as at 31st March, 2023

Sr. No.	Particulars	Gross Block as at
31. NO.	Particulars	31st March, 2023
1	Land	14,30,894
2	Building	2,52,96,078
3	Plant and Machinery	31,56,26,027
4	ETP/STP/APC	3,65,97,912
5	Other Assets	1,04,16,323
	Total	38,93,67,234

As per auditors' certificate Ref No.: NBK/AP/18/2023-24

ICAI UDIN: 23111929BGQNZI1421

For Asian Paints Limited

MEDHA BAHETI

Digitally signed by MEDHA

BAHETI

Date: 2023.07.25 18:20:25

+05'30'

Authorised Signatory

Name: Medha Baheti

Designation: Senior Manager - Corporate Accounts

Date: 25/07/2023 Place: Mumbai

For Sudit K. Parekh & Co. LLP

Chartered Accountants

Firm Registration No. 110512W/W100378

KAPADIA **NEMISH BHARAT**

Digitally signed by (APADIA NEMISH BHARAT DIscent), establishes and the control of the control o

Nemish Kapadia

Partner

Membership No. 111929

Date: 25/07/2023 Place: Mumbai

properd expenter 2 years.

22 January 2024

From

Through

Environment department

Associate General Manager

Accounts

Subject: Penta plant Fee payable to TNPCB for consent fee renewal for 2-year period

Based on the revised demand note the fee payable to TNPCB in the name of District Environmental Engineer, Tamil Nadu Pollution control board, Cuddalore is Rs 9,48,522/- (Rupees Nine Lakh Forty-Eight Thousand Five Hundred and Twenty-Two only).

Payment for Rs. .507028/-(Rupees Five Lakhs Seven Thousand and Twenty-eight only) is available vide DD No. 158314 dated 15th Jan 2024.

Request approval for taking Demand Draft for remaining amount of Rs. 4,41,494/- (Four Lakhs Forty one Thousand Four Hundred and Ninety Four only) in favour of The District Environmental Engineer, Tamil Nādu Pollution control board, Cuddalore towards consent renewal fees for Penta plant.

Regards

P Jay akan Han Jayakanthan

Encl: revised Demand note is enclosed.

11 January 2024

From

Through

To

Environment department

Associate General Manager

Accounts

Subject: Penta plant Fee payable to TNPCB for consent fee renewal for 2-year period

Based on the revised demand note the fee payable to TNPCB in the name of District Environmental Engineer , Tamil Nādu Pollution control board , Cuddalore is Rs 9,48,522/- (Rupees Nine Lakh Forty-Eight Thousand Five Hundred and Twenty-Two only). The previous demand has been revised from Rs. 507028/ - to Rs 948522/-

Request approval for taking Demand Draft for Rs. 948522/- in favour of The District Environmental Engineer , Tamil Nādu Pollution control board , Cuddalore towards consent renewal fees for Penta plant.

Regards

P Jayakanthan
Jayakanthan · P

Encl: revised Demand note is enclosed.

VC- CDL 924 GL - LOSO12 (OTHER LILENG FEES) C(- 38 - ETPR

- VP2401182564823

-> PEVISED LETTER REQUIRED TO PROCESS THE BALANCE PHYMENT OF + 41494/-



TAMILNADU POLLUTION CONTROL BOARD

From

Dr. R. Umaiyakunjaram, M.Tech., Ph.D., District Environmental Engineer, Tamil Nadu Pollution Control Board, Plot No. A-3, SIPCOT Industrial Complex, Kudikadu,

Cuddalore - 607 005.

To

Senior Production Manager, M/s.Asian Paints Ltd, PentaPlant, SIPCOT,Kudikadu, Cuddalore District

Lr. No. DEE/TNPCB/CUD/ F.No.0031/2024, dated: 10.01.2024

Sir,

Sub: DEE - TNPCB - Cuddalore - Issue of consent order under the Water (P&CP) Act, 1974 as amended and Air (P&CP) Act, 1981 as amended - Consent fees demand for renewal - Reg

Ref: Your unit's GFA Certificate received on 03.01.2024.

With reference to the above, it is informed that the Consent fee demand for Consent for Renewal for the GFA Value is detailed as below.

Year	Act	Demand for Renewal	Tot Amt to be remitted	Already remitted	Balance to be remitted	
Arrear upto	Water Act	22005/-	440404			
2021-2023	Air Act	22005/-	44010/-			
2022-23 GFA Rs. 3893.67	Water Act	220747	441494/-	441494/- Cr. No.75786, 07/02/2022(part) Rs.397724/- Cr. No.133820, 13/03/2023 Rs.441736/-	948522/-	
as on 31.03.2023	Air Act	220747				
2023-24 GFA Rs. 3893.67	Water Act	220747	441494/-			
as on 31.03.2023	Air Act	220747				
2024-25 GFA Rs. 3893.67	Water Act	220747	441494/-	Cr. No.133843,		
as on 31.03.2023	Air Act	220747		21/03/2023 - Rs.22004/-		
2025-26 Water Act 220747 441494/- as on 31.03.2023 Air Act 220747	Water Act	220747	4444041	4444041		
	Proper representation of the second		1809986/-	861464/-	948522/-	
	and the second s		Balance	Amount to be remitted totally	Rs.948522/-	

The Consent fee shall be remitted through Net-Banking Online-OCMMS or through a Demand Draft drawn in favour of "District Environmental Engineer, Tamilnadu Pollution Control Board, Cuddalore" directly to the DEE's Office.

The receipt of this letter may be acknowledged.

District Environmental Engineer,
Tamilnadu Pollution Control Board,
Cuddalore.



Cash Management Services - Payments

MAIL TO -

District Environmental Engineer , Tamil Nadu Pollution Control Board

CENTIGO BUILDING,

100 FEET ROAD, ELLAIPILLAICHAVADY

PONDICHERRY

605005

BY ORDER OF -

ASIAN PAINTS SUPPLIER PAYMENT A/C Shared Services Center, Plot no.5, Gaiwadi Ind Esate, Nr Patel Auto, S.V. Road, Goregaon (Mumbai - 400 062

We enclose a Demand Draft # 158421

dated: 31/01/2024

for Rs. ****4,41,494,00

As per the payment details and reference given below

Client Ref No:

FT401319462169





PAYINST DRAFT

VALID FOR THREE MONTHS FROM THE DATE OF ISSUE

Old I old Old Old District Environmental Engineer Plantii Nadul Pollution Control Board

FOR HDFC BANK LTD.

Category of the Industry:

RED



CONSENT ORDER NO. 2308249444891 DATED: 03/05/2023.

PROCEEDINGS NO.T6/TNPCB/F.0020CUD/RL/CUD/A/2023 DATED: 03/05/2023

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT -M/s. ASIAN PAINTS LTD, PENTA DIVISION, S.F.No. 126,127,128,129,130,137 & 165, KUDIKADU village, Cuddalore Taluk and Cuddalore District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued-Reg.

REF: 1. Board Proc. No.T3/TNPCB/F.0020CUD/RL/CUD/A&W/2022 DATED: 08/08/2022

2. Application No.49444891 date: 20/03/2023 for RCO under Water and Air Acts.

3. IR.No: F.0020CUD/RL/AE/CUD/2023 dated 27/03/2023.

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2024

J JOSEPHINE SAHAYA RANI Digitally signed by J JOSEPHINE SAHAYA RANI Date: 2023.05.09 14:28:41 +05'30'

For Member Secretary, Tamil Nadu Pollution Control Board, Chennai

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit	
	Product Details			
1.	Formaldehyde	675	MTPM	
2.	Penta Erythritols (Powder & Solution Form)	730	MTPM	
	By-Product Details			
1.	Sodium Formate (Powder and Solution form)	480	MTPM	
	Intermediate Product Details			
1.	Nil	0.0		

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

I	Point source emission with sta	Point source emission with stack :		
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm3/hr
1	Sodium Formate Dryer	Wet scrubber with stack	18	3200
2	Mono Penta erythrirol Dryer	Wet scrubber with stack	12	1360
3	Di PE Dryer	Wet scrubber with stack	18	1360
4	Fluidized Bed Dryer	Bag Filter/ Dust Collector with stack	10.5	6685
8	DG - 500 KVA - 1 No.	Stack	12	1055
9	DG - 600 KVA - 1 No.	Stack	12	1055
II	Fugitive/Noise emission :			
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	VOC emissions	Fugitive	Tank vents are connected to Fa blower suction	

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.

Additional Conditions:

- 1. The unit shall operate and maintain the Air Pollution Control measures efficiently and continuously so that the emission shall satisfy the Ambient Air Quality/Emission standards prescribed by the Board.
- 2. The unit shall adhere to the Ambient Air Quality/Stack Emission/ Ambient Noise Level standards prescribed by the Board.
- 3. The unit shall conduct the Ambient Air Quality/Stack Emission/Fugitive Emission/Ambient TVOC/THC survey through MoEF approved Laboratory once in three months and furnish the report to the Board without fail.
- 4. The unit shall further continue to develop greenbelt inside/outside the premises of the unit.
- 5. The unit shall operate and maintain the Continuous Ambient Air Quality Monitoring Station (PM2.5, PM10, SO2, NOx) continuously and ensure the connectivity without any interruption with CARE AIR Centre, TNPC Board, Chennai.
- 6. The unit shall maintain the online sensors connected with CARE AIR Centre, Tamil Nadu Pollution Control Board, Chennai and upload the data without any interruption.
- 7. The unit shall operate the plant without attracting complaints from the nearby Public.
- 8. This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.

J JOSEPHINE SAHAYA
RANI
For M

Digitally signed by J JOSEPHINE SAHAYA RANI

For Mcmbat Secont 25,09 14:29:11 +05'30'
Tamil Nadu Pollution Control Board,
Chennai

То

The Factory Manager,
M/s. ASIAN PAINTS LTD,PENTA DIVISION,
6-A Shanthi Nagar,
Opp to Hotel Grand Hyatt,
Santacruz(E),PO Box No.6818
Mumbai

Pin: 400055

Copy to:

- 1. The Commissioner, CUDDALORE-Panchayat Union, Cuddalore Taluk, Cuddalore District.
- 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, CUDDALORE.
- 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Cuddalore.
- 4. File

Category of the Industry:

RED



CONSENT ORDER NO. 2308149444891 DATED: 03/05/2023.

PROCEEDINGS NO.T6/TNPCB/F.0020CUD/RL/CUD/W/2023 DATED: 03/05/2023

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT - M/s. ASIAN PAINTS LTD, PENTA DIVISION, S.F.No. 126,127,128,129,130,137 & 165, KUDIKADU village, Cuddalore Taluk and Cuddalore District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued-Reg.

REF: 1. Board Proc. No.T3/TNPCB/F.0020CUD/RL/CUD/A&W/2022 DATED: 08/08/2022

2. Application No.49444891 date: 20/03/2023 for RCO under Water and Air Acts.

3. IR.No: F.0020CUD/RL/AE/CUD/2023 dated 27/03/2023.

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending March 31, 2024

J JOSEPHINE SAHAYA RANI Digitally signed by J JOSEPHINE SAHAYA RANI Date: 2023.05.09 14:29:52 +05'30'

For Member Secretary, Tamil Nadu Pollution Control Board, Chennai

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit	
	Product Details			
1.	Formaldehyde	675	MTPM	
2.	Penta Erythritols (Powder & Solution Form)	730	MTPM	
	By-Product Details			
1.	Sodium Formate (Powder and Solution form)	480	MTPM	
	Intermediate Product Details			
1.	Nil	0.0		

2. This renewal of consent is valid for operating the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal	
Effluent Ty	Effluent Type : Sewage			
1.	Sewage	45.0	On land for gardening	
Effluent Type : Trade Effluent				
1.	Trade Effluent	131.0	Recycling to process	

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.

- 1. The unit shall comply with the conditions stipulated in the Environmental Clearance obtained for expansion activity vide Letter No. SEIAA/TN/ F.6495/5(f)/ EC60/2018 Dated:24.04.2018 obtained from SEIAA, Chennai from time to time.
- 2. The unit shall operate and maintain the Zero Liquid Discharge System for the treatment and disposal of trade effluent generated from the unit.
- 3. The unit shall operate and maintain the Sewage Treatment Plant for the treatment of the sewage generated and the treated sewage shall be utilized for green belt development/gardening purposes inside the premises.
- 4. The unit shall provide online pH and TDS meter in storm water drains connected with WQW, TNPCB within 3 months time and ensure that no chemical contamination takes place during rains outside the premises at all the times.
- 5. The industry shall maintain and regularly calibrate the online sensors provided for the effluent parameters so as to transmit quality data to the WQW of TNPCB, Chennai without interruption.
- 6. The unit shall take necessary follow up with Directorate of Industrial safety and Health (DISH) and obtain Offsite emergency preparedness plan with due approval from the District Collector within 2 months time.
- 7. The unit shall conduct rehearsal of the Offsite emergency plan within 2 months time for the year 2023 and also ensure that the same is conducted once in calendar year.
- 8. The unit shall analyse the parameters viz. pH, BOD, TSS, ČOD, Nitrogen-Total, and Fecal Coliform(in MPN) for the treated sewage being discharged inside the unit premises for green belt development and shall comply with the STP standards prescribed by CPCB.
- 9. The unit shall furnish the details of activities done through 'Corporate Social Responsibility' along with the amount spent and evidences every year.
- 10. The unit shall not increase the production without the valid consent of the Board.
- 11. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
- 12. The Unit shall not use 'use and throwaway plastic' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates / cups, cloth bag, jute bag etc.
- 13. The unit shall operate the plant without attracting complaints from the nearby Public.
- 14. This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.

J JOSEPHINE SAHAYA RANI Digitally signed by J JOSEPHINE SAHAYA RANI Date: 2023.05.09 14:30:13 +05'30'

For Member Secretary, Tamil Nadu Pollution Control Board, Chennai

To The Factory Manager, M/s. ASIAN PAINTS LTD, PENTA DIVISION, 6-A Shanthi Nagar, Opp to Hotel Grand Hyatt, Santacruz(E),PO Box No.6818 Mumbai

Pin: 400055

Copy to:

- 1.The Commissioner, CUDDALORE-Panchayat Union, Cuddalore Taluk, Cuddalore District .
- 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, CUDDALORE.
- ${\it 3. The JCEE-Monitoring, Tamil \ Nadu \ Pollution \ Control \ Board, Cuddalore.}$
- 4. File

Compliance report on the latest Consent to Operate order conditions stipulated under Air & Water Acts

M/s. Asian Paints Limited (Penta Division) <u>AIR ACT</u>

Consent Order No. 2308249444891

Proceedings No. T6/TNPCB/F.0020CUD/RL/CUD/A/2023

Dated: 03/05/2023. Dated: 03/05/2023.

SPECIAL ADDITIONAL CONDITIONS

S.No.	Condition	Compliance
1.	The unit shall obtain No Objection Certificate	We are in notified industrial zone
	(NOC) from the Tamil Nadu Bio Diversity	and hence No Objection Certificate
	Board /National Bio Diversity Authority if	(NOC) from Tamilnadu Bio
	the unit is using any Biological resources or	Diversity Board is not applicable.
	knowledge associated thereto as per the	
	provisions of Biological Diversity Act 2002.	
2.	The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.	We wish to inform that we have started our campaign for mission life at Asian Paints, Penta Division. Our employees including our contract employees have voluntarily committed themselves to comply on the "Mission Life" action points. The Photographs of the "Mission Life" compliance have been enclosed.

ADDITIONAL CONDITIONS

S.No.	Condition	Compliance
1.	The unit shall operate and maintain the Air	Air Pollution Control measures like
	Pollution Control measures efficiently and continuously so as that the emission satisfy	Wet Scrubbers with Stack, Bag Filters and DG stacks are efficiently
X	the Ambient Air Quality/Emissions standards	and continuously operated and
	prescribed by the MoEF & CC.	maintained. National ambient air
		quality / emissions standards as
		prescribed by MoEF&CC are
		achieved.
2.	The unit shall adhere to the Ambient Air	We are achieving the Ambient Air
	Quality/Stack Emission/Ambient Noise Level	Quality/Stack Emission/Ambient
	Standards prescribed by the Board.	Noise Level standards prescribed by
		the Board. The Reports of Analysis
		are enclosed.



Compliance report on the latest Consent to Operate order conditions stipulated under <u>Air & Water Acts</u>

3.	The unit shall Conduct the Ambient Air	We are conducting the Ambient Air
	Quality/Stack Emission/Fugitive	Quality/Stack Emission/ Fugitive
	Emission/Amblent TVOC/THC survey	Emission/ Ambient TVOC/THC
	through MoEF approved Laboratory once in	survey through MoEF&CC approved
	three months and furnish the report to the	Laboratory once in three months and
	Board without fail.	we are furnishing the report to the
1		Board. Copy of quarterly analysis
		report is enclosed.
4.	The unit shall further continue to develop	We are having 14,500 trees sapling
	greenbelt inside/outside the premises of the	within the campus. We are
	unit.	maintaining nursery to develop more
		green belt within and around the
1		premises. Photogrpahs of the Green
		Belt is enclosed.
5.	The unit shall operate and maintain the	We maintain and regularly calibrate
	continuous Ambient Air Quality Monitoring	the online sensors provided for the
	Station (PM _{2.5} , PM ₁₀ , SO ₂ , NO _x) continuously	emission parameters such as PM,
	and ensure the connectivity without any	SO _x and NO _x and calibration details
	interruption with CARE AIR Centre,	are enclosed. Transmission of
	Tamilnadu Pollution Control Board, Chennai,	quality data to the CARE AIR Centre
	TNPC Board, Chennai.	of TNPCB, Chennai is ensured.
6.	The unit shall maintain the online sensors	We maintain the Online Sensors, and
	connected with CARE AIR Centre,	the values are uploaded to CARE
	Tamilnadu Pollution Control Board, Chennai,	AIR Centre, Tamilnadu Pollution
	and upload the data without any interruption.	Control Board, Chennai.
7.	The unit shall operate the plant without	Agreed to Comply
	attracting complaints from the nearby public.	
8.	This consent order does not absolve from	Agreed to Comply
	obtaining necessary permission / clearance	
	from other Authority or under other Statute as	
	applicable	





Compliance report on the latest Consent to Operate order conditions stipulated under Air & Water Acts

M/s. Asian Paints Limited (Penta Division) WATER ACT

Consent Order No. 2308149444891

Proceedings No. T6/TNPCB/F.0020CUD/RL/CUD/W/2022

Dated: 03/05/2023.

Dated: 03/05/2023.

SPECIAL ADDITIONAL CONDITIONS

S.No.	Condition	Compliance
1.	The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.	We are in notified industrial zone and hence No Objection Certificate (NOC) from Tamilnadu Bio Diversity Board is not applicable.
2.	The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.	We wish to inform that we have started our campaign for mission life at Asian Paints, Penta Division. Our employees including our contract employees have voluntarily committed themselves to comply on the "Mission Life" action points. The Photographs of the "Mission Life" compliance have been enclosed.

ADDITIONAL CONDITIONS

S.No.	Condition	Compliance
1.	The unit shall comply with the condition	Agreed and Complying.
	stipulated in the Environmental Clearance	
	obtained for expansion activity vide Letter No.	
	SEIAA/TN/F.6495/5(f)/EC60/2018	
	Dated:24.04.2018 obtained from SEIAA,	
	Chennai from time to time.	
2.	The unit shall operate and maintain the Zero	We operate and maintain Zero
	Liquid Discharge System for the treatment and	Liquid Discharge System for the
	disposal of trade effluent generated from the	treatment and disposal of trade
	unit.	effluent generated from the unit.
3.	The unit shall operate and maintain the Sewage	STP is well maintained and
	Treatment Plant for the treatment of the	operated efficiently. The Treated
	sewage generated and the treated sewage shall	Sewage Characteristics satisfies the





Compliance report on the latest Consent to Operate order conditions stipulated under <u>Air & Water Acts</u>

be utilized for green belt development/gardening purposes inside the premises. 4. The unit shall ensure to maintain the online pH and TDS meter is provided in the storm water drains so to ensure that no chemical contamination takes place during rains outside the premises at all times. 5. The industry shall maintain and regularly calibrate the online sensors provided for the effluent parameter so as to transmit quality data to the WQW, of TNPCB, Chennai without interruption. 6. The unit shall take necessary follow up with Directorate of Industrial safety and Health (DISH) and obtain Offsite emergency preparedness plan with due approval from the District Collector within 2 months time. 7. The unit shall conduct rehearsal of the Offsite emergency plan within 2 months time for the year 2023 and also ensure that the same is conducted least once in calendar year. 8. The unit shall analyse the parameter viz. pH, BOD, TSS, COD, Nitrogen-Total, and Faecal Coliform(in MPN) for the treated Sewage being discharged inside the unit premise for green belt development and shall comply with the STP Standards prescribed by CPCB. 9. The unit shall furnish the details of activities done through Responsibility' along with the amount spent and evidences every year. 10. The unit shall not increase the production without the valid consent of the Board. 11. In case of revision of consent fee by the Government, the unit shall remit the difference		be utilized for green belt	Con the standard was the standard to the				
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11. In case of revision of consent fee by the Agreed to Comply	10.	The unit shall not increase the production	Agreed to Comply				
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Government, the unit shall remit the difference	11.	In case of revision of consent fee by the	Agreed to Comply				
		Government, the unit shall remit the difference					



Compliance report on the latest Consent to Operate order conditions stipulated under Air & Water Acts

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		in amount within one month from the date of			
		notification. Failing to remit the consent fee,			
		this consent order will be withdrawn without			
		any notice and further action will be initiated			
		against the unit as per law.			
	12.	The unit shall not use "use and throwaway			
		plastics" such as plastic sheets used for food			
		wrapping, spreading on dining table etc.,	XX7		
		plastic plates, plastic coated tea cups, plastic	We do not "use and throwaway		
		tumbler, water pouches and packets, plastic	plastic". Banana leaf, Arecanut		
		straw, plastic carry bag and plastic flags	palm plate, stainless steel, glass		
		irrespective of thickness, within the industry	porcelain plates/cups, cloth bag,		
		premises. Instead unit shall encourage use of	jute bag will be used where it is applicable.		
		eco-friendly alternative such as banana leaf,			
İ		are canut palm plate, stainless steel, glass,			
		porcelain plates/cups, cloth bag, jute bag etc			
	13.	The unit shall operate the plant without	Agreed to Comply		
		attracting complaints from the nearby Public			
	14.	This consent order does not absolve from	Noted.		
		obtaining necessary permission / clearance			
		from other Authority or under other Statute as			
		applicable			
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P Jayakan Ham





AUTHORISATION No. 19HFC22083375 dated 19/07/2019 Proceeding No. T2/TNPCB/F.0020CUD/HWA/RL/CUD/2019 dated 19/07/2019

Sub: Tamil Nadu Pollution Control Board – Hazardous Waste Authorization-Fresh- M/s. M/S ASIAN PAINTS LTD, PENTADIVISION, S.F.No. SF.NO 126,127,128,129,130,137 & 165, KUDIKADU Village, CUDDALORE Taluk, Cuddalore District - Authorization under Rule 6 (2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg.

Ref: 1. Units application Number through OCMMS 22083375 dated 11.04.2019 2. HWA-IR.No.0020CUD/HWA/RL/DEE/CUD/2019 dated 30/05/2019

FORM 2

[See rule 6 (2)]

FORM FOR GRANT OR RENEWAL OF AUTHORISATION TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

- 1. Number of authorization: 19HFC22083375 and dated: 19/07/2019
- 2. The Factory Manager of M/s. M/S ASIAN PAINTS LTD, PENTADIVISION is hereby granted an Authorisation based on the based on the enclosed signed Inspection report for Generation, collection, storage, transportation and disposal of hazardous or other wastes or both on the premises situated at S.F.No. SF.NO 126,127,128,129,130,137 & 165, KUDIKADU Village, CUDDALORE Taluk, Cuddalore District.

Sl No	Schedule / Name of the Processes	Name of Hazardous Waste (with category No)	Quantity	Activities for which Authorization is issued
1	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.1-Used or spent oil	0.900 KL/Annum	Generation, Collection, Storage, Transport, Disposal to Authorized recyclers
2	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.2-Wastes or residues containing oil	0.300 KL/Annum	Generation, Collection, Storage, Transport, Disposal to Authorized recyclers
3	Schedule I /20. Production and/or industrial use of solvents	20.3-Distillation residues	2640 T/Annum	Generation, Collection, Storage, Transport, Disposal through M/s . Gujarat Enviro Protection & Infrastructure Ltd., Ranipet, Vellore District
4	Schedule I /35. Purification and treatment of exhaust air/gases, water and waste water from the processes in this schedule and common industrial effluent treatment plants (CETP's)	35.3-Chemical sludge from waste water treatment	172 T/Annum	Generation, Collection, Storage, Transport, Disposal to TSDF, Gummidipoondi
5	Schedule I /36. Purification process for organic compounds/solvents	36.2-Spent carbon or filter medium	7.78 T/Annum	Generation, Collection, Storage, Transport, Disposal through M/s . Gujarat Enviro Protection & Infrastructure Ltd., Ranipet, Vellore District

3. This authorization shall be valid for a period upto 31/03/2024.

The Authorization is issued subject to the following general and special conditions annexed.

For Member Secretary Tamil Nadu Pollution Control Board Chennai

A. GENERAL CONDITIONS OF AUTHORIZATION

- 1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
- 2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by Tamil Nadu Pollution Control Board.
- 3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.
- 4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- 5. The person authorised shall implement Emergency Response procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire ,etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.
- 6. The person authorised shall comply with the provisions outlined in the CPCB guidelines on "Implementing Liabilities for Environmental damages due to Handling and Disposal of Hazardous Wastes and Penalty".
- 7. It is the duty of the authorized person to take prior permission of Tamil Nadu Pollution Control Board to close down the facility.
- 8. The imported Hazardous and other wastes shall be fully insured for transit as well as the accidental occurrences and its clean-up operation.
- 9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 10. The Hazardous and other wastes which gets generated during recycling or reuse or recovery or preprocessing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of Authorisation.
- 11 The importer or Exporter shall bear the cost of import or export or mitigation of damages if any.

- 12 An application for the renewal of an authorization shall be made as laid down under these Rules.
- 13. Any other conditions for compliance as per the Guidelines issued by the MoEF and CC or CPCB from time to time.
- Annual returns shall be filed by June 30th for the period ending 31st March of the previous financial year.

B. SPECIFIC CONDITIONS - HW Generator

- 1. The occupier/generator shall be responsible for safe and environmentally sound management of hazardous and other wastes.
- 2. The occupier shall follow the following steps for the management of hazardous and other wastes. (a) prevention (b) minimization (c) reuse (d) recycling (e) recovery, utilisation including co-processing and (f) safe disposal
- 3. The occupier shall take all the steps while managing hazardous and other wastes (a) To contain contaminants and prevent accidents and limit their consequences on human beings and the environment; and (b) To provide persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.
- 4. The occupier shall store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection:
- 5. The hazardous and other wastes shall be stored temporally in an isolated area earmarked for the purpose within the occupier's premises (it shall not be accessible to rain water) till scientific disposal. The storage area shall be fenced properly and a sign of danger shall be placed at the storage site.
- 6. The containers holding the hazardous and other wastes shall be kept in good condition and made of materials which can withstand the physical and environmental conditions during storage and transportation. Only properly cleaned containers shall be used for storage of hazardous and other wastes.
- 7. The occupier handling hazardous or other wastes shall maintain records of such operations of generation, handling, storage and disposal as per Form 3.
- 8. The hazardous and other wastes generated in the establishment of the occupier shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility.
- 9. The occupier handling hazardous or other wastes shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time
- 10. The labelling of package of hazardous or other wastes shall be done as per Form 8. The label shall be of non-washable material, weather proof and easily visible.
- 11. The hazardous and other wastes shall be transported from the occupier's establishment to an authorised actual user or to an authorised disposal facility in accordance with the provisions of these rules.
- 12. The transport of the hazardous and other wastes shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard..
- 13. The occupier shall provide the transporter with the relevant information in Form 9, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per Form 8
- 14. The authorisation for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.
- 15. The transporter/sender of the hazardous and other wastes shall prepare and maintain manifest in Form 10.
- 16. The occupier or the operator or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation
- 17. The occupier who intends to get its hazardous and other wastes treated and disposed of by the operator of a treatment, storage and disposal facility shall give to the operator of that facility, such specific information as may be needed for safe storage and disposal.
- 18. The occupier shall be liable for all damages caused to the environment due to improper handling and management of the hazardous and other wastes.
- 19. The occupier handling hazardous and other wastes shall submit annual returns containing the details specified in Form 4 to TNPCB on or before the 30th day of June of every year for the preceding period April to March.
- 20. Any increase in quantity of handling of hazardous and other wastes, any change in category of hazardous and other wastes and any change in method of handling operations shall be brought to the notice of the TNPCB and fresh authorization shall be obtained.

D. SPECIFIC CONDITIONS - Actual Users (Recyclers/Pre-processors/Co-processors)

- 1. The actual user shall be responsible for safe and environmentally sound management of hazardous and other wastes
- 2. The actual user shall procure and process the hazardous and other wastes for reuse, recycle, preprocess, utlise including co-processing for beneficial purposes only.
- 3. The utilisation of hazardous and other wastes as a resource or after pre-processing either for coprocessing or for any other use, including within the premises of the generator (if it is not part of process), shall be carried out only after obtaining authorisation from TNPCB in respect of waste on the basis of standard operating procedures or guidelines provided by the Central Pollution Control Board.
- 4. The authorised actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorisation
- 5. Handing over of the hazardous and other wastes to the authorised actual user shall be only after making the entry into the passbook of the actual user
- 6. The actual user handling hazardous and other wastes shall file an annual return in Form 4 to TNPCB on or before the 30th day of June following the financial year to which that return relates.
- 7. The actual user or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation
- 8. The actual user, importer or exporter shall be liable for all damages caused to the environment or third party due to improper handling and management of the hazardous and other wastes.
- 9. The actual user shall not be permitted to import hazardous and other wastes from any country to India for disposal.
- 10. The actual user shall not be permitted to import hazardous and other wastes specified in Schedule VI of the rules.
- 11. The actual user shall import hazardous and other wastes from any country only for recycling, recovery, reuse and utilisation including co-processing.
- 12. The actual user shall import the hazardous waste as in Part A of Schedule III after obtaining prior informed consent of the exporting country and the permission of the Ministry of Environment, Forest and Climate Change
- 13. The actual user shall maintain records of the hazardous and other waste imported by him in Form 3 and the record so maintained shall be made available for inspection.

ADDITIONAL SPECIFIC CONDITIONS

- 1. The Hazardous Waste Authorisation issued to the unit vide Board proceedings dt. 30.07.2018 is hereby cancelled and recorded.
- 2. The used/spent oil shall be disposed to such facilities that are authorized by and registered with TNPCB as actual user facilities adopting environmentally sound management practices for reclaiming used oil.
- 3. The hazardous waste shall be stored in a compatible container on an impervious platform in closed shed to prevent pollution of ground water and surface soil.
- 4. The unit shall not store the hazardous waste outside the premises.
- 5. The unit shall provide display board showing hazardous waste details and update the same periodically.
- 6. Any increase in quantity change in category handling operation shall be brought to the notice of the Board and fresh authorization is to be obtained.
- 7. Record pertaining to transportation of hazardous waste shall be maintained.
- 8. Complete record of collection, reception, treatment, storage and disposal of the hazardous waste shall be maintained in Form-3. The record shall be produced to the inspecting officer of the Board as and when required.
- 9. Annual returns for the facility shall be sent to the Board in Form-4.
- 10. Any occurrence of accident has to be communicated to the Board in Form-14.
- 11. Disposal of hazardous waste shall be carried out by operating the manifest in Form-13.
- 12. All consignments of hazardous wastes shall be transported with transport emergency card as specified in Form-11
- 13. The unit shall dispose the accumulated Hazardous Waste within thirty days after obtaining authorization from TNPC Board.
- 14. The unit shall renew and have valid agreements with hazardous waste facilitators at all times.
- 15. The unit shall possess valid consent of the Board under Water and Air Act at all times.

- 16. The unit shall store and dispose the hazardous waste then and there without any accumulation over the prescribed quantity and time period to the respective disposal points.
- 17. The Hazardous wastes shall be stored in a compatible container on an impervious platform in closed shed which shall be provided with requisite fire protection system, personal protective equipment and safety system.
- 18. The unit shall maintain Form 3 and submit Form 4 prescribed under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 19. The Hazardous wastes shall be disposed only with manifest that shall be maintained in Form-10 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

For Member Secretary Tamil Nadu Pollution Control Board Chennai

To

The Factory Manager
M/S ASIAN PAINTS LTD, PENTADIVISION
B5-B10, SIPCOT INDUSTRIAL COMPLEX, KUDIKADU, CUDDALORE
Pin: 607005

Copy to:

- 1. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Triuchirappalli.
- 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, CUDDALORE.

Reference: Authorization No.19HFC22083375 dated 19.07.2019 Proceedings No. T2/TNPCB/F.0020CUD/HWA/RL/CUD/2019 dated 19.07.2019

A. GENERAL CONDITIONS

S.No	Consent Conditions	the Environment (Protection) Act, 1986	
1.	The authorization person shall comply with the provision of the Environment (Protection) Act, 1986 and the rules made there under.		
2.	The authorization or its renewal shall be produced for inspection at the request of an office authorized by Tamil Nadu Pollution Control Board.	n produced for inspection at the request of	
3.	The Person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.	d, Agreed to Comply.	
4.	Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.	ns n	
5.	The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site-specific possible scenarios such as spillages, leakages, fire, etc., and their possible impacts and also carry out mock drill in this regard at regular interval of time	We wish to state that we had implemented Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site-specific possible scenarios such as spillages, leakages, fire, etc., and their possible impacts and we are carrying out mock drill in this regard at regular interval of time	
6.	The person authorised shall comply with the provision outlined in the CPCB guidelines on "Implementing Liabilities for Environmental damages due to Handling and Disposal of Hazardous Wastes and Penalty".	PCB outlined in the CPCB guidelines of implementing Liabilities for Environmental damages due to Handling	
7.	It is the duty of the authorized person to	Agreed to Comply.	



	take prior permission of Tamil Nadu Pollution Control Board to close down the facility.	1	
8.	The imported Hazardous and other wastes shall be fully insured for transit as well as the accidental occurrences and its clean-up operation.	We wish to inform that the Unit is not importing any hazardous wastes.	
9.	The record of consumption and fate of the imported hazardous and other waste shall be maintained	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	
10.	The Hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific condition of Authorisation.	wastes which get generated during recycling or reuse are treated and disposed as per the conditions mentioned in	
11.	The importer or Exporter shall bear the cost of Import or export or mitigation of damages if any.	We wish to inform that the Unit is not importing or exporting any hazardous wastes.	
12.	An application for the renewal of an authorization shall be made as laid down under these rules.	Agreed to Comply.	
13.	Any other conditions for compliance as per the guidelines issued by the MoEF and CC or CPCB from time to time.	We wish to state that we will comply with all guidelines issued by the MoEF and CC or CPCB from time to time.	
14.	Annual returns shall be filed by June 30th for the period ending 31st March of the previous financial year.	The annual returns are filed before June 30^{th} every year for the period ending 31^{st} March of the previous financial year.	

B. SPECIFIC CONDITION - HW GENERATOR:

S.No	Consent Conditions	Compliance Status
1.	The Occupier / generator shall be responsible for safe and environmentally sound management of hazardous and other wastes.	Agreed to Comply.
2.	The Occupier shall follow the following	Agreed to Comply. Various steps are



	steps for the management of hazardous and other wastes (a) prevention (b) minimization (c) reuse (d) recycling & recovery, utilization including co- processing and (f) safe disposal.	followed for management of hazardous wastes. Recycling and reuse is done in process.	
3.	The occupier shall take all the steps while managing hazardous and other wastes (a) To contain contaminants and prevent accidents and limit their consequences on human being and the environment, and (b) To provide persons working in the site with appropriate training, equipment and information necessary to ensure their safety.	steps while managing hazardous and other wastes (a) To contain contaminants and prevent accidents and limit their	
4.	The occupier shall store the hazardous and other wastes for the period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilization of such wastes and make these records available for inspection.	We wish to state that we had stored the hazardous and other wastes for the period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilization of such wastes and make these records available for inspection.	
5.	The Hazardous and other wastes shall be stored temporally in an isolated area earmarked for the purpose within the occupier's premises (it shall not be accessible to rainwater) till scientific disposal.	Agreed to Comply.	
	The storage area shall be fenced properly, and a sign of danger shall be placed at the storage site.		
6.	The container holding the hazardous and other wasted shall be kept in good conditions and made of materials which can withstand the physical and environmental conditions during storage and transportation.	Agreed to Comply.	



7.	The occupier handling hazardous or other wastes shall maintain records of such operations of generation handling storage and disposal as per Form-3.	Agreed to Comply.		
8.	The hazardous and other wastes generated in the establishment of the occupier shall be sent or sold to an authorised actual user of shall be disposed of in an authorised disposal facility.	We wish to state that the hazardous and other wastes generated in the establishment of the occupier is being sent or sold to an authorized actual user and are disposed of authorized disposal facility: Used & waste oil :Lakshmi &Co. Solid waste : Tamil Nadu Waste Management Agency. Distillation residue & Carbon: GGEPIL.		
 The Occupier handling hazardous or other wastes shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling storage and transport as per guidelines issued by the Central Pollution Control Board from time to time. 		hazardous or other wastes we ensure that the hazardous and other wastes are packaged in a manner suitable for safe		
10.	The labeling of package of hazardous or other wastes shall be done as per Form 8. The label shall be of non-washable material, weatherproof and easily visible.	Agreed to Comply.		
11. The hazardous and other wastes shall be transported from the occupier's establishment to an authorised actual user or to an authorised disposal facility in accordance with the provision of these rules.		Agreed to Comply.		
12.	The transport of the hazardous and other wastes shall in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Central Board from time to time in this regard.	Agreed to Comply.		



13.	The occupier shall provide the transporter with the relevant information in Form-9, regarding the hazardous nature of the wastes and measures to be taken. In case of an emergency and shall label the hazardous and other wastes containers as per Form 8.	We wish to state that we had provided the transporter with the relevant information in Form-9, regarding the hazardous nature of the wastes and measures to be taken. In case of an emergency and shall label the hazardous and other wastes containers as per Form 8.	
14.	The authorisation for the transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.	Agreed to Comply.	
15.	The transporter/sender of the hazardous and other wastes shall prepare and maintain manifest in Form 10.	Agreed to Comply.	
16.	The occupier or the operator or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility on during transportation.	intimate TNPCB through telephone, in case of any accident while handling hazardous or other wastes.	
17.	The occupier who intends to get its hazardous and other wastes treated and disposed of by the operator of a treated and disposed of by the operator of a treatment storage and disposal facility shall give to the operator of that facility such specific information as may be needed for safe storage and disposal.	We wish to state that all necessary specific information's which is needed for safe storage and disposal of the hazardous and other wastes has been given to the operator of the facility.	
18.	The occupier shall be liable for all damages caused to the environment due to improper handling and management of the hazardous and other wastes.	Agreed to Comply.	
19.	The occupiers handling hazardous and other wastes shall submit annual returns containing the details specified in Form 4 to TNPCB on or before the 30 th day of	We wish to state that we had submitted annual returns containing the details specified in Form 4 to TNPCB on or before the 30 th day of every year for the	



	every year for the proceeding period April to March	proceeding period April to March
20.	Any increase in quantity of handling of hazardous and other wastes, any change in category of hazardous and other wastes and any change in method of handling operations shall be brought to notice of the TNPCB and fresh authorisation shall be obtained.	

ADDITIONAL SPECIFIC CONDITIONS

S.No	Consent Conditions	Compliance Status	
The Hazardous Waste Authorisation issued in the unit vide Board proceeding dt:30.03.2018 is here by cancelled and recorded		Agreed to comply	
2.	The used/spent Oil shall be disposed to such facilities that are authorized by and registered with TNPCB as actual user facilities adopting environmentally sound management practice for reclaiming used oil	The spent oils were disposed to the authorised recyclers (M/s Lakshmi &Co.)	
3.	The hazardous waste shall be stored in a compatible container on an impervious platform in closed shed to prevent pollution of ground water and surface soil	The hazardous wastes are stores in compatible container on an impervious platform in closed shed with all safety system.	
4.	The unit shall not store the hazardous waste outside the premises.	We state that we are not storing hazardous waste outside the premises.	
5.	The unit shall provide display board showing hazardous waste details and update the same periodically	Agreed to comply	
6.	Any increase in quantity change in category handling operation shall be brought to the notice of the board and fresh authorization is to be obtained.	Agreed to comply	
7.	Record pertaining to transportation of	Complied with	



	hazardous waste shall be maintained		
8.	Complete record of collection, reception, treatment, storage and disposal of the hazardous waste shall be maintained in Form-3. The record shall be produced to the inspecting officer of the board as and when required.	Complete record on hazardous waste is being maintained in Form 3	
9.	Annual returns for the facility shall be sent to the Board in Form 4.	Agreed to comply	
10.	Any occurrence of accident has to be communicated to the Board in Form-14	Agreed to Comply	
11.	Disposal of hazardous waste shall be carried out by operating the manifest in Form-13		
12.	All consignments of hazardous Wastes shall be transported with transport emergency card as specified in Form-11	\$ 10.14756450000000000000000	
13.	The unit shall dispose the accumulated Hazardous Waste within thirty days after obtaining authorization form TNPCB Board.	er	
14.	The unit shall renew and have valid agreement with hazardous waste facilitators at all times.	We state that we have valid agreements with hazardous waste facilitators at all times.	
15.	The unit shall possess valid consent of the Board under Water and Air Act at all times.	We state that we have valid consent of the Board under Water and Air Act at all times.	
16.	The unit shall store and dispose the hazardous waste then and there without	We state that we are storing and disposing the hazardous waste then and there without	
	accumulation over the prescribed quantity and time period to the respective disposal points	any accumulation over the prescribed quantity and time period to the respective disposal points.	
17.	7. The Hazardous wastes shall be stored in a compatible container on an impervious platform in closed shed which shall be provided with requisite fire protection equipment and safety system. The Hazardous wastes are compatible containers on an platform in closed shed with requisite fire protection system.		
18.	The unit shall maintain Form 3 and submit	All provisions of Hazardous Wastes Rules	



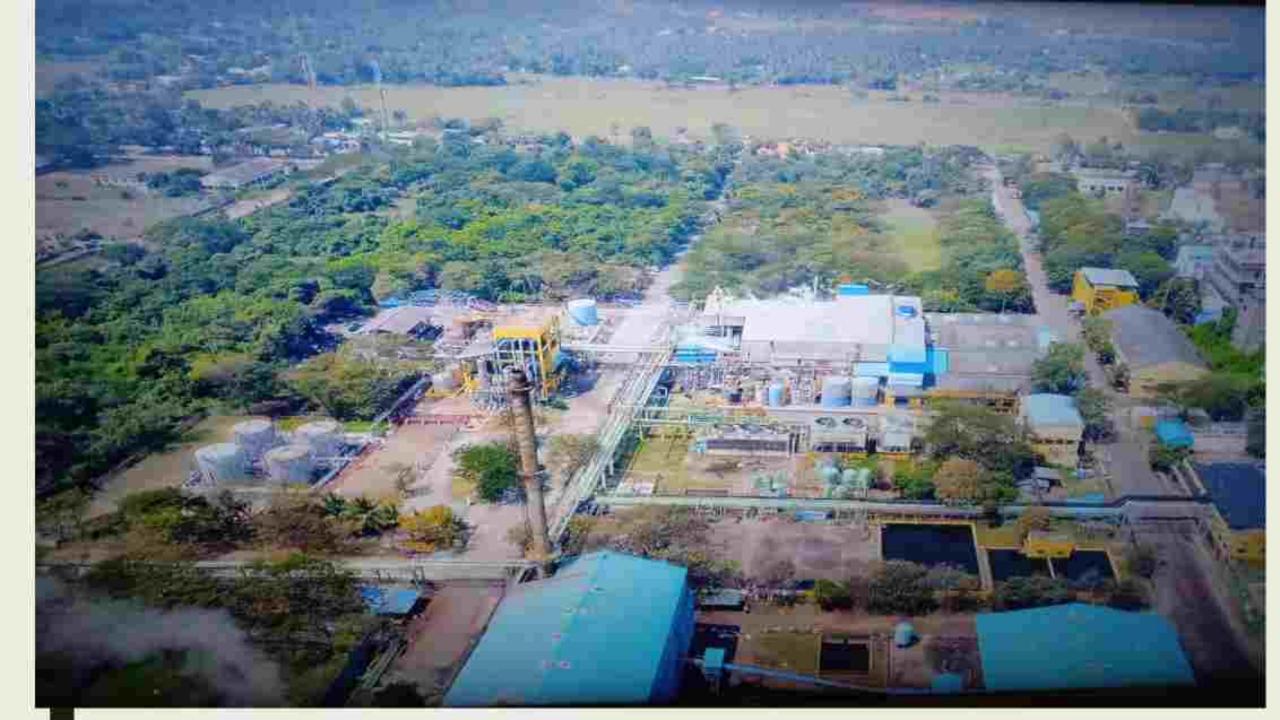
	Form 4 prescribed under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	2016 are complied with
19,	The Hazardous wastes shall be disposed only with manifest that shall be maintained in Form-10 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.	[[[[[[[[[[[[[[[[[[[[

















Corporate Social Responsibility (CSR) Highlights FY 23-24

CSR Spent

S. No	Project	Theme	Partner	Annual Expenses (Rs. Lakhs)
1	Primary Health Centers at 4 Villages	(Health &Hygiene) H&H	Help Age India	20
	Sul	b-Total		20
2	Rejuvenation of Water Bodies (Krishnankuppam Panchayat)	Water	NAF	59.19
3	Tree plantation	Water	NAF	4.7
4	Tree plantation – Maintenance	Water	NAF	4.7
	Sub-Total (Water Conservation)			
	Grand Total (Health & Hygiene +Water)			

Asian Paints CSR Impact within the radius of 20km from the plant

Water Project:

1. RWB of water body (Krishnankuppam)

Health and Hygiene

- 1. Health center in 4 villages
 - 1. Kudikadu
 - 2. Karikadu
 - 3. Echankadu
 - 4. Pachayankuppam

Total Budget – Rs 88.6 lakhs

REJUVENATION OF KRISHNANKUPPAM WATER BODIES

- Increase in Water-holding capacity of waterbody and feeder channel
- Increasing the Groundwater recharge through desilting and reducing the desilting rate inside waterbody
- Improving the Green cover biodiversity enhancement through beneficial Agro- forestry plants in shoring area of waterbody





Well inventory- KPI- Outcome - Krishnankuppam

OBSERVATORY WELL INVENTORY DETAILS





Overall Status of interventions in Water

BEFORE AFTER





Waterfilled- Aerial photographs- Krishnankuppam Manakollai waterbody





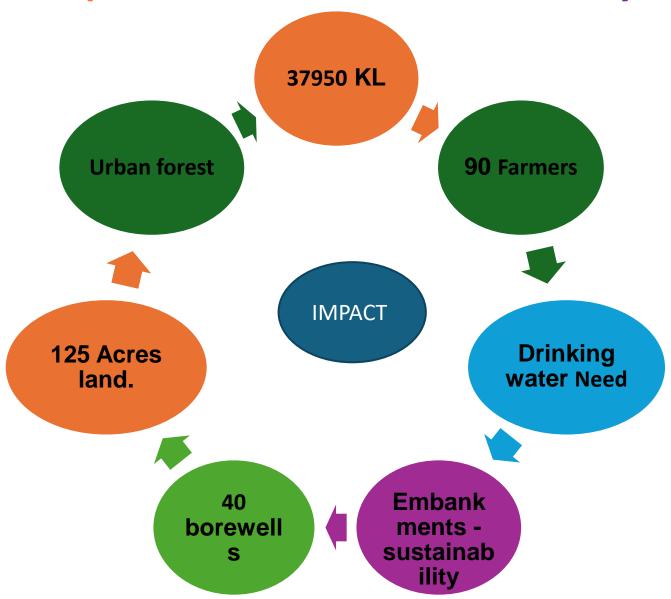








Impact Created in the Community



HEALTH AND HYGIENE

Brief Overview of the Projects – 2023-24

Objectiv es

• Providing access to Health needs for the rural community

Budget

• Rs 17.75 lakhs Per Annum.

Villages

 Kudikadu Village, Karaikadu Village, Pachankuppam Village and Echankadu Village.

Population

• Total Treatment 18626

Visits

• 3 Visits in a Week and 13 Visits in a Month for each Village.



MHU budget vs expenditure

Total year budget

Rs. 17.75 Lakhs

Proposal to utilize balance fund

➤ Identified upgradation activity of Health center to uplift the hygiene and patient experience(infrastructure related)

Awareness Sessions on Malnutrition

- Covered undernutrition, overweight and obesity, as well as diet-related noncommunicable diseases.
- Our Medical Consultant used to visit 100 days work – MGNREGA and make awareness talk on Malnutrition.
- Conducted 79 awareness sessions: 18 awareness session on malnutrition of Women.















AWARENESS SESSION IN EACHANKADU VILLAGE

Mr. Rajendra Babu – AGM participated and delivered speech at Eachankadu Village People on awareness camp





Case Study

Mr. VIJAYABALAN 55/M In Eachankadu village is a Daily wager by Occupation. His wife passed away 5 years back and has two Sons. He is living alone.

Medical Complaints:

- He is suffering from ACUTE GASTRITIS with Constipation for 5 years.
- Having complaints of CHEST BURN, STOMACH PAIN, BLOATING, NAUSEA, VOMITING, LOSS OF APPETITE.

IMPACT

- Mr. Vijayabalan was introduced to our **HEALTH CENTER by Volunteer. By** regular follow-up his health condition is improving.
- Lifestyle and diet Modification is suggested, and regular follow-up is carried out during home care.
- He is very thankful to ASIAN PAINTS AND HELP AGE INDIA for Implementation of this Project.

Employee Volunteering Program

S. N o	Programme	No. of progra m	Partici	1
1	Health Awareness	1	10	40
2	Environment al awareness	4	32	256
	Total	5	42	296





Amar Hill, Saki Vihar Road, Powai, Mumbai – 400 072

Website:www.chemtrols.com

Tel :2857 5089 / 67151200 Fax :00-91-22-2857 1913 E-mail :chemtrols@chemtrols.com

INDUSTRIES PVT. LTD.

CALIBRATION REPORT

DATE: 01.12.2023

CUSTOMER: M/s Asian Paints Limited.

LOCATION: Penta Division, Kudikadu, Cuddalore.

MANUAL SPAN CHECK REPORT

Analyzer - Model	Serial number	ABS(Span) value of Reference Membrane (µg/cm²)	Count (IO)	Count (I)	Value shown by Analyzer For Membrane (µg/cm²)	
PM10-BAM 1020	R10380	793	1094300	994682	791 μg/cm²	
PM2.5-BAM 1020	R10381	806	1163529	1078691	810 μg/cm ²	

The value shown by the analyzer for reference membrane is within + /- 5% of ABS (Span) value of the reference membrane during manual span check. Hence the analyzer is working properly.

		Status	Zero				SPAN				
Analyser	Serial Number		Analyzer Reading		Offset		SPAN	ANALYZER READING		SLOPE	
			Before	After	Before	After	CONC	Before	After	Before	After
SO2	1046	GOOD	16.23	0	9.36	12.3	400ugm	399.97	400	0.36	1.167
NO	1204	GOOD	6.5	0	0.4	0.21	400ugm	396.78	400	0.476	1.426
NOx	1204	GOOD	15.2	0	0.9	0.18	400ugm	397.98	400	0.126	1.267

Next Due Date: 01.06.2024

For Chemtrols Ind Pvt Ltd.

K.PraveenRaj Service Engineer



ASIAN PAINTS LIMITED PENTA DIVISION AN ISO 9001 ISO 14001 & ISO 45001 UNIT 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 <u>careers@asianpaints.com</u>
For Media related queries, e-mail to <u>proffice@asianpaints.com</u>

Pan: AAACA3622K

GST No. 33AAACA3622K1Z2

Asian Paints Limited B-5 to B-10 Sipcot Industrial Complex, Kudikadu Village, Cuddalore - 607 005. Tamil Nadu

Tel.No-04142-239248 www.asianpaints.com

Asian Paints

Instrumentation

CALIBRATION RECORD FOR ELECTROMAGNECTIC FLOWMETER LOCATED IN ETP OF APL – PENTA.

INSTRUMENT UNDER CALIBRATION:

Instrument Name:

Electromagnetic Flowmeter

Instrument Tag:

INST-FM-01

Location:

RO Flow

Range:

0 to 10 m3/hr

Calibrated on:

25.11.2023

Calibration due on:

24.11.2024

Calibration Frequency:

One Year

MASTER INSTRUMENT DETAILS:

Instrument name: Electromagnetic flowmeter

Make: E&H

S.No: N1070620000

Certificate Number: WOI/23744-02 Calibrated on: 23.03.2023 Calibration Due On: 22.03.2024

PERFORMANCE DATA

S.No	Master Instrument Flowmeter (m3/hr)	Actual reading in Test Instrument EMFM (m3/hr)		
01	0.00	0.00		
02	3.00	3.01		
03	5.00	5.01		

Conclusion:

The test Instrument is verified with Master Instrument and it is found working satisfactorily. Hence the test instrument is fit for use.

Tested by:

Verified by:

Approved by:

Internal



ASIAN PAINTS LIMITED PENTA DIVISION AN ISO 9001 ISO 14001 & ISO 45001 UNIT

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 Pan: AAACA3622K GST No. 33AAACA3622K1Z2

Asian Paints Limited B-5 to B-10 Sipcot Industrial Complex, Kudikadu Village, Cuddalore - 607 005. Tamil Nadu Tel.No-04142-239248 www.asianpaints.com

Asian Paints Instrumentation

CALIBRATION RECORD FOR ELECTROMAGNECTIC FLOWMETER LOCATED IN ETP OF APL - PENTA.

INSTRUMENT UNDER CALIBRATION:

Instrument Name:

Electromagnetic Flowmeter

Instrument Tag:

INST-FM-02

Location:

ETP Inlet

Range:

0 to 400 LPM

Calibrated on:

20.11.2023

Calibration due on:

19.11.2024

Calibration Frequency:

One Year

MASTER INSTRUMENT DETAILS:

Instrument name: Electromagnetic flowmeter

Make: E&H

S.No: N1070620000

Certificate Number: WOI/23744-02 Calibrated on: 23.03.2023 Calibration Due On: 22.03.2024

PERFORMANCE DATA

S.No	Master Instrument Flowmeter (LPM)	Actual reading in EMFM (LPM)		
01	0.00	0		
02	50.00	50		
03	90.00	90		

Conclusion:

The test Instrument is verified with Master Instrument and it is found working satisfactorily. Hence the test instrument is fit for use.

Tested by:

Verified by:

Approved by:

Internal



ASIAN PAINTS LIMITED PENTA DIVISION AN ISO 9001 ISO 14001 & ISO 45001 UNIT 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 <u>careers@asianpaints.com</u> For Media related queries, e-mail to <u>proffice@asianpaints.com</u>

Pan: AAACA3622K

GST No. 33AAACA3622K1Z2

Asian Paints Limited B-5 to B-10 Sipcot Industrial Complex, Kudikadu Village, Cuddalore - 607 005. Tamil Nadu

Tel.No-04142-239248 www.asianpaints.com

Asian Paints

Instrumentation

CALIBRATION RECORD FOR ELECTROMAGNECTIC FLOWMETER LOCATED IN ETP OF APL – PENTA.

INSTRUMENT UNDER CALIBRATION:

Instrument Name:

Electromagnetic Flowmeter

Instrument Tag:

INST-FM-03

Location:

RO2 Reject / MEE Feed

Range:

0 to 3000 LPH

Calibrated on:

20.11.2023

Calibration due on:

19.11.2024

Calibration Frequency:

One Year

MASTER INSTRUMENT DETAILS:

Instrument name: Electromagnetic flowmeter

Make: E&H

S.No: N1070620000

Certificate Number: WOI/23744-02 Calibrated on: 23.03.2023 Calibration Due On: 22.03.2024

PERFORMANCE DATA

S.No	Master Instrument Flowmeter (LPH)	Actual reading in EMFM (LPH)		
01	0.00	0.0		
02	750.00	750.1		
03	1500.00	1500.2		

Conclusion:

The test Instrument is verified with Master Instrument and it is found working satisfactorily. Hence the test instrument is fit for use.

Tested by:

Verified by:

Approved by:

Internal





CC-3196

ISO / IEC 17025 ACCREDITED CALIBRATION LABORATORY BY NABL VIDE CERTIFICATE NUMBER CC-3196

Unit 1: # 42, MEC Layout, 8th Cross, Peenya Industrial Area, Bengaluru - 560 058. | Unit 2: # 47, Ganapathi Nagar, Peenya Industrial Area, Bengaluru - 560 058. Ph: 99000 99913 / 99000 99912 / 99000 32111 | Email: worldoneinstruments@gmail.com / info@wois.in | Website: www.wois.in

CALIBRATION CERTIFICATE

THE CC210622000010172F

				OLI CCJIJOESOCOOIOI, E.		
Certific	ate No.:	W	01/23744-02	Page 1 of 1		
	Date of Issue: Calibrated on: Calibration Due on:	Date of Issue:	24 March 2023	Field of Parameter		
SRF No.:		Calibrated on:	23 March 2023	Field of Parameter		
		22 March 2024	Fluid Flow			

Name & Address of the Customer:

M/s. ASIAN PAINTS LIMITED,

Penta Plant, B5 - B10, Sipcot industrial Complex, Kudikadu, Cuddalore,

Tamil Nadu - 607005.

Status of the item on receipt:	Satisfactory	
Date of Receipt :	23 March 2023	
Calibration Location:	In-House	
Usage Location:		

Description & Identification of Item (DUC):

Nomenclature :	Electromagnetic Flow Meter
Make :	Endress + Hauser
Model :	Promag 10
Serial No.	N1070620000

ID No.:	
Range / Capacity:	(0 to 100) m3/hr
Resolution:	0.01 m3/hr

Reference Equipment used for Calibration:

Serial No.	Certificate No	Validity
3K821900131086	2022-23/CFC/MUM/376/1	15 September 2023
3K822000145652	2022-23/CFC/MUM/376/2	15 September 2023
	3K821900131086	3K821900131086 2022-23/CFC/MUM/376/1

Calibration Procedure:		WOI-ME-SOP-Fluid Flow By Comparion Method			
Calibration Method:					
Environmental Condition of	Temperature: (25 ± 3) °C	Relative Humidity: (45 to 75)% RH			
Measurement:	Temperature (25 5 7)				

Standard Reading	DUC Reading	Error observed in	Expanded Measurement Uncertain ±		
m3/hr	m3/hr	m3/hr	%		
1.0236	1.12	0.0964	0.8		
10.0421	10.19	0.1479	0.8		
50.0557	50.23	0.1743	0.8		
80.0610	80.35	0.2890	0.8		

- Process: Water 1. Calibration: Water
- 2. All Results are average of Three Readings

X **Adjusted** Calibrated Repaired Status

Remarks:

1. The calibration results reported corresponds to the particular Item mentioned above

2. This Certificate refers to the values obtained at the time of calibration and under the above stated conditions

3. All Calibrations are done in SI units and are traceable to National/International standards as required in ISO/IEC/17025:2017

4. Certificate shall not be reproduced except in full without the written approval of Laboratory.

5. The reported uncertainty of measurement is stated as the standard uncertainty in measurement multiplied by the coverage factor k=2, for a confidence level at 95.45%.

6. The usage of NABL Symbol is as per NABL guidelines NABL-133.

Calibrated By

Bhaskar R

(Calibration Engineer)

Checked By

(Technical Manager)





RAIN WATER HARVESTING AT PENTA PLANT SITE



From Roof Tops

RAIN WATER HARVESTING AT PENTA PLANT SITE



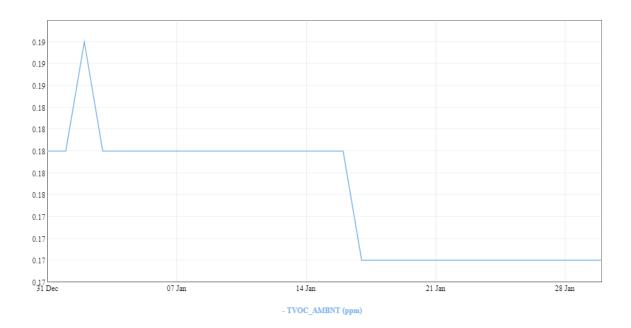
RAIN WATER HARVESTING AT PENTA PLANT SITE

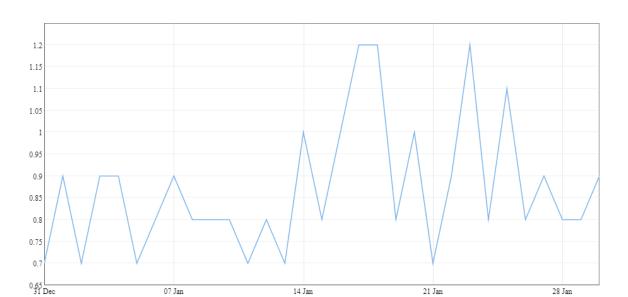


INSTALLATION OF ON LINE pH & TDS SENSORS IN STORM WATER DRAIN

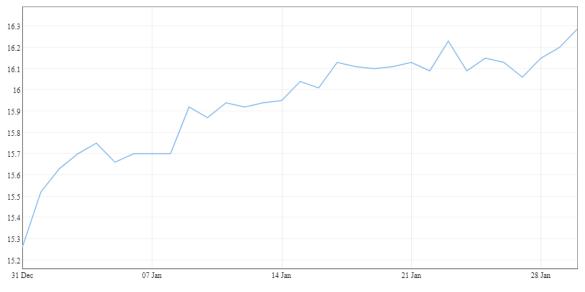


January 2024

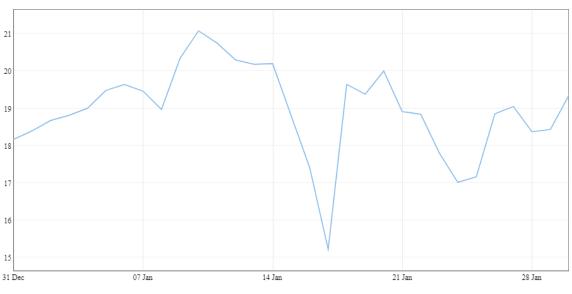




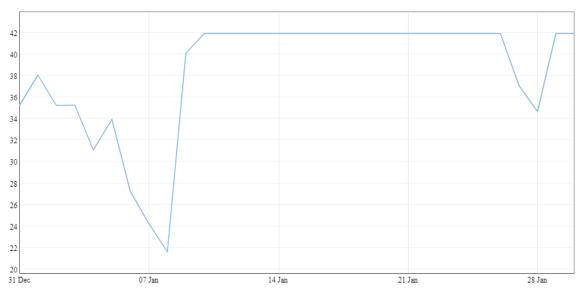
- TVOC (ppm)



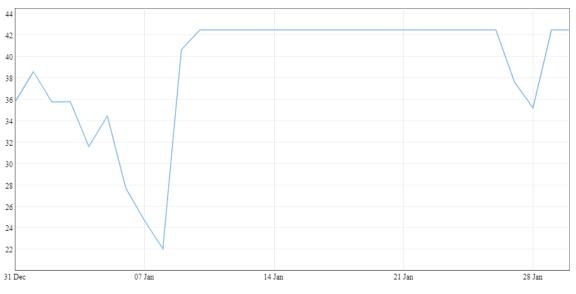
- SO2_AAQM_STATION (ug/m3)



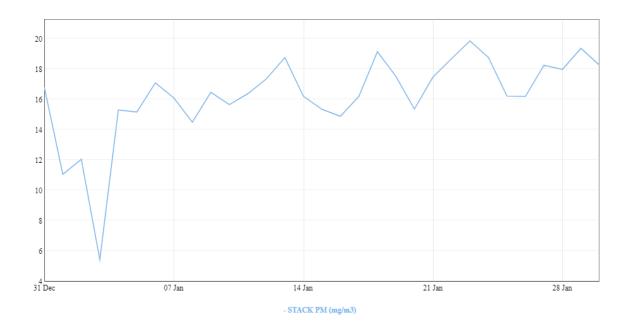
- NOX_AAQM_STATION (ug/m3)

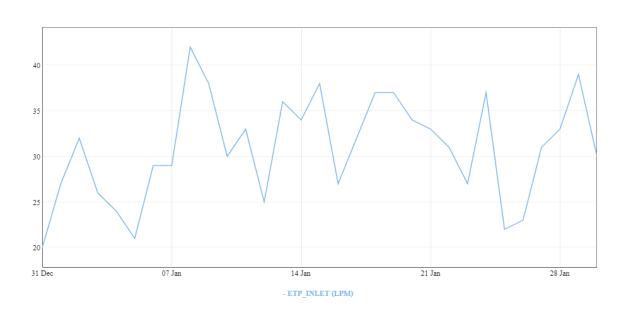


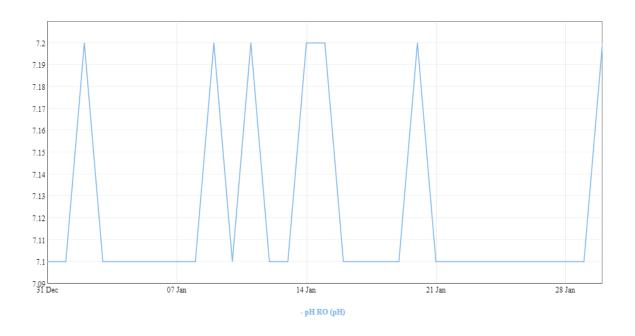
- PM2.5_AAQM_STATION (ug/m3)

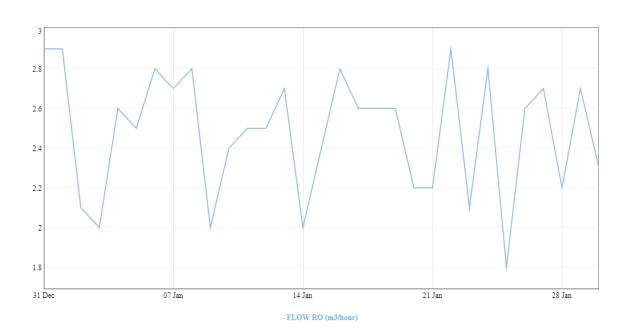


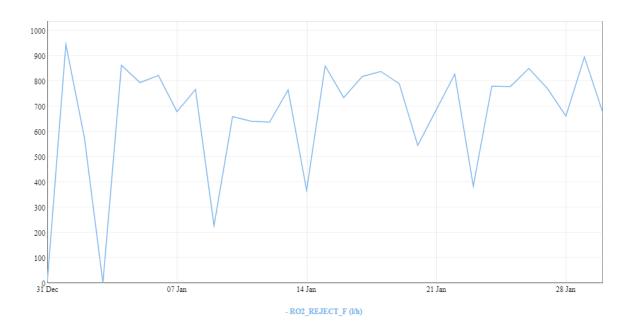
- PM10_AAQM_STATION (ug/m3)





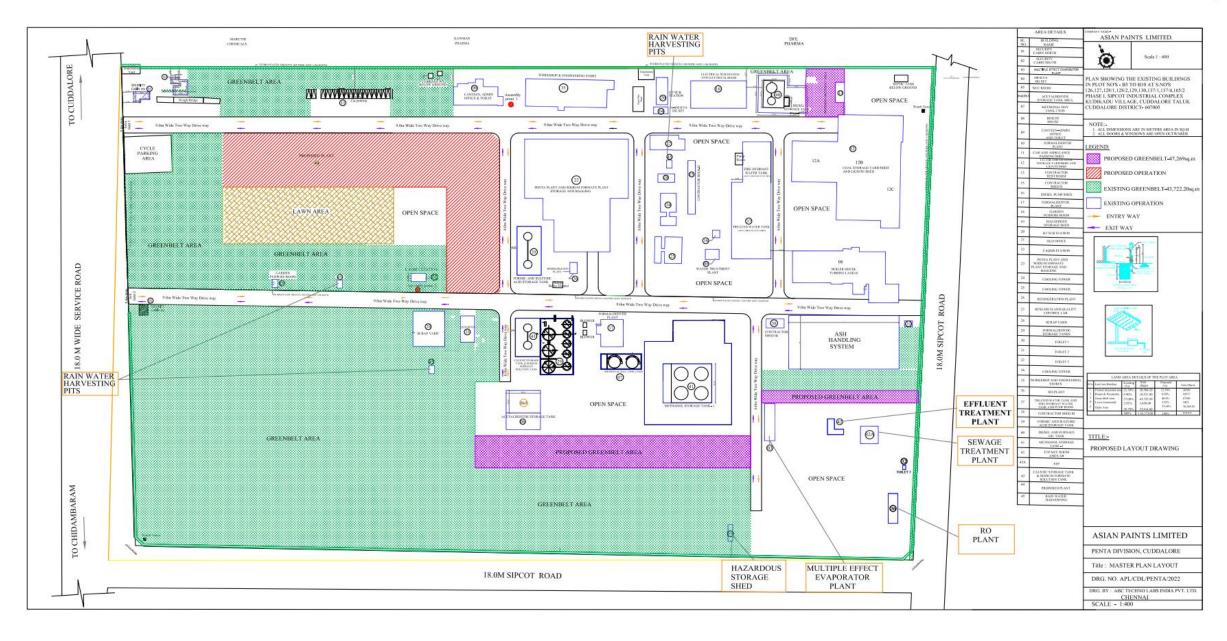




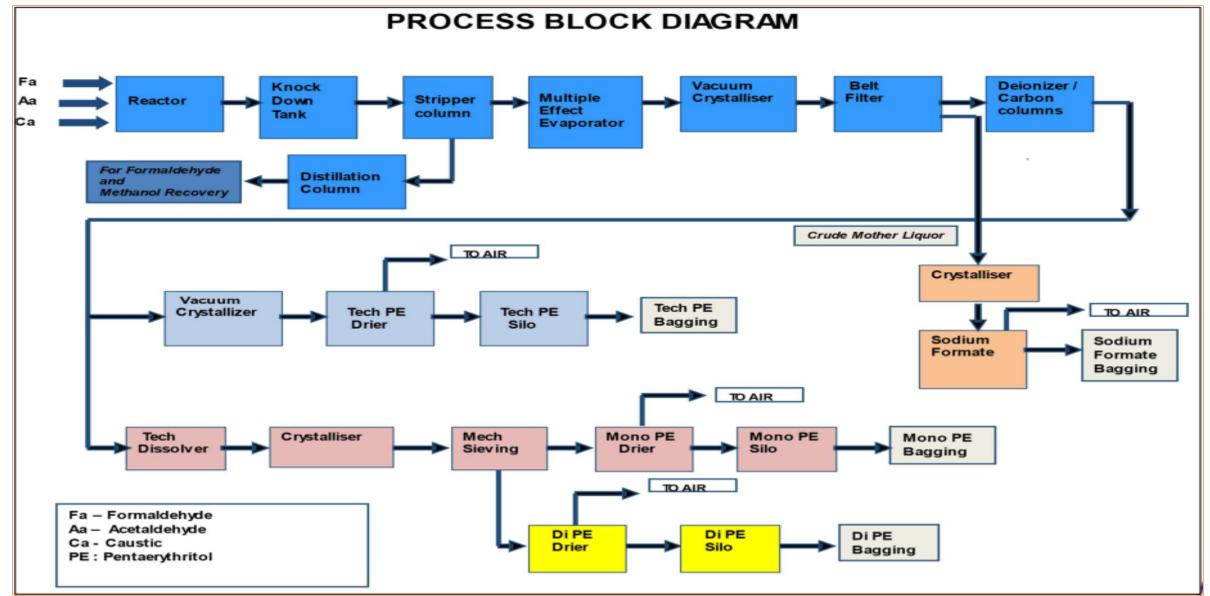


Engineering layout of the Project site



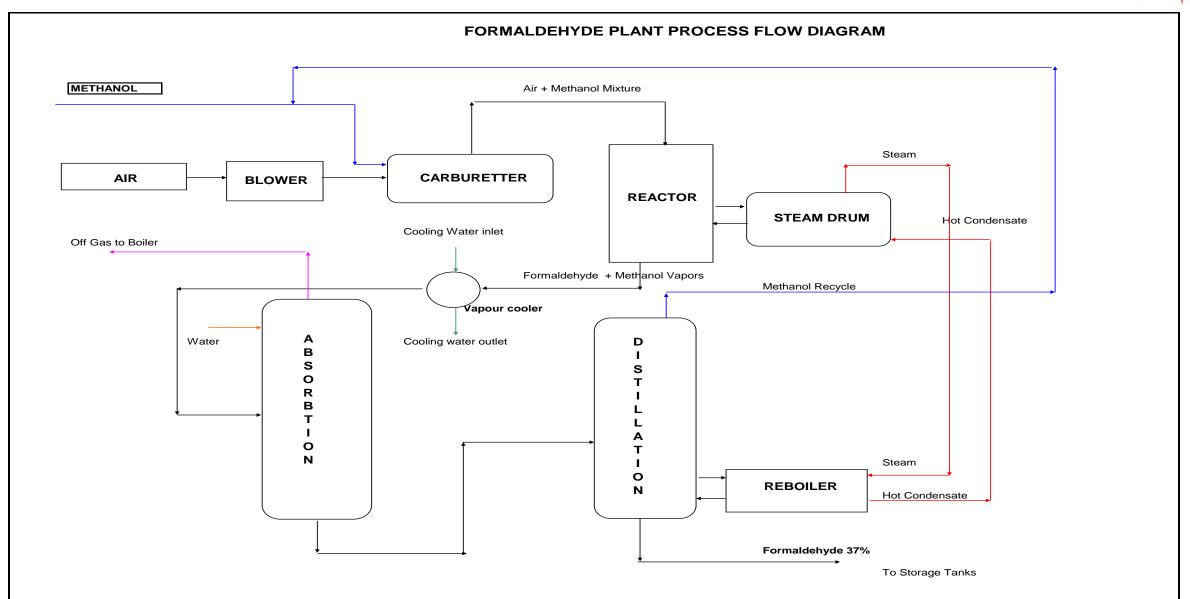






Process flow diagram for Pentaerythritol & Sodium Formate





Process flow diagram for Formaldehyde

Contents Water conservation methods – Process Water conservation methods – Non process Treatment facilities Air Pollution Control measures CSR contribution so far Plans for CSR in this year Plans for green belt activity in this year **Environment Audit** Road map for next 3 years Milestones for 6 months

APC Measures available – Process plant

CAQMS is available for live transmission of PM10,PM2.5,Sox, NOx

For Noise reduction Acoustic enclosure is available in one DG

Vacuum pumps are provided with acoustic enclosure

40% green belt is available (12894 no. of trees)

Dynamic wet scrubbers are available for process dryers.

Volatile organic content (VOC) measuring sensors are provided.

Environmental monitoring measures adopted

Soil analysis is carried out in 4 different locations by external NABL approved Lab – yearly

Ground water analysis is carried out in 4 different locations by external NABL approved Lab – yearly

Drinking water analysis is carried out in by external NABL approved Lab — 2 times per year

Environmental survey is done by NABL approved Lab – every quarter

Permanent Ambient Air quality monitoring station is available & quality data is transmitted

Leak detection arrest and repair (LDAR) survey is undertaken by NABL approved Lab – annually

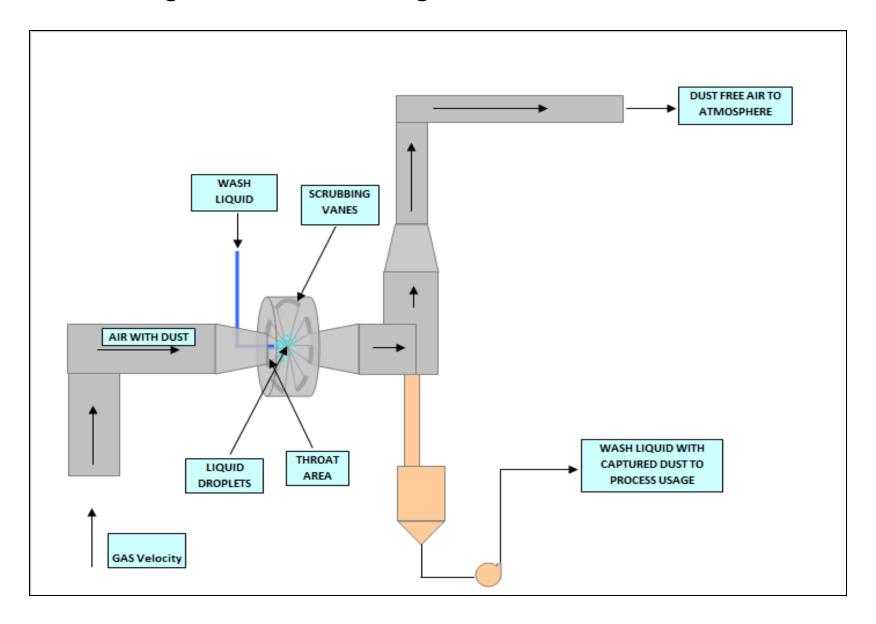
MONO SCRUBBER



DIPE SCRUBBER



Existing Scrubbers block diagram



Adequacy measures available in Boiler

Boiler – High efficiency Fluidized bed combustion boiler with Dust collector/ Bag filter

Economizer tubes are available to preheat the boiler feed water with flu gas.

Coal yard is covered

Fly ash is transported pneumatically to Ash silo kept in Ash yard.

Water conservation measures – Process
Steam condensate is collected and returned to Boiler as feed water up to 80%
Key raw material like Methanol is recovered as Distillate from the process is reused in process plant
Formaldehyde distillate is recovered and reused in process plant.
Treated sewage water is used for gardening purposes.

Safety initiatives

Risk Assessment & DMP



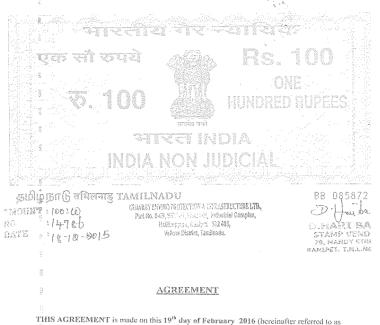
Proposed Control Measures

- Provide remote isolation of equipment upon detection of leak of acetaldehyde and ensure that water spray system with quartzoid bulb is available to mitigate the event in case of fire.
- Pipelines to be passive fire proofed with fire retardant paints which can act as a protective coating to reduce the spread of flames in the event of fire
- Critical cabling systems shall be fire resistant to IEC 60331-1:2018.
- Consider the usage of Iso-container as the probability of CR is likely to be eliminated.
- Provide gas detectors (in order to detect the leak of acetaldehyde release) and at Distillation Column (Top) Pumps
- Provide water spray system for Acetaldehyde Transfer Pump (P-102)
- Provide portable firefighting monitors in Acetaldehyde Transfer Pump (P-102) area floor
- Ensure that all remote operated valve's or shut down valves within the periphery of 38.14m of Acetaldehyde Transfer Pump (P-102) are fire safe for 2 hours fire rating.
- Pipe racks and pipe support carrying diesel in diesel storage area and pipe rack leading to diesel day tank in DG set building
- It is recommended to ensure that acid resistant tiling is provided at unloading & storage area and H2SO4 piping supports to be corrosion-proofed etc.

SPECIFIC TERMS OF REFERENCE FOR EIASTUDIES FOR SYNTHETIC ORGANIC CHEMICAL INDUSTRY



- (7) A copy of the Memorandum of Understanding signed with cement manufacturers indicating clearly that they co-process
- Agreement with M/s GEPIL is available for co-process of organic solid/hazardous waste generation. Copy of agreement attached as Annexure 21.



organic solid/hazardous waste generated.

the "Effective Date") between Gujarat Enviro Protection and Infrastructure Limited (Unit - Ranipet), a company incorporated and registered under the provisions of the Companies Act, 1956 and having its registered office at 252/2, G.I.D.C.. Pandesara, Surat - 394221, Gujarat (hereinafter referred to as "GEPIL" which expression shall unless repugnant to the context or meaning thereof shall mean and include its successors, permitted assigns) of the FIRST PART;

AND

M/s. Asian Paints Ltd – Penta Division which is a Company duly incorporated under the Provisions of 1956 and having its registered office at , No-6A, Shanthi nagar, Santa Cruz East, Mumbai-400055 and factory/works at B5-BlO, Sipcot industrial complex, Khölikadu, Cuddalore – 607005 (hereinafter referred to as "the Generator" which expression shall unless repugnant to the context or meaning thereof, shall mean and include its successors, assigns and affiliates) of the OTHER PART.

GEPIL and the Generator shall be individually referred to as Party and collectively as Parties, hereinafter.

WHEREAS:

- A. GEPIL is, inter alia, engaged in the business activity of development, operations and maintenance of infrastructure projects for hazardous waste management and has been granted Consent to Operate an 'Alternate Fuel Resource Facility' at Plot NO. S-60, Phase-III, SIPCOT Industrial Estate, Ranipet, District Vellore, Tamil Nadu (India) (hereinafter referred to as "AFRF") by Tamil Nadu Pollution Control Board (hereinafter "TNPCB") as per The Environment (Protection) Act, 1986 and Hazardous Waste (Management, Handling and Transhoundary) Rules, 2008 and amended thereafter (hereinafter referred to as "the Rules").
- B. The Generator is a member of the Industrial Waste Management Association (hereinafter called as "IWMA"), Tamil Nadu and is, inter alia, engaged in business activity relating to Production of Pentaerythritol, Sodium Formate and is generating Hazardous Liquid/Semi Solid/Solid Waste (hereinafter referred to as "Hazardous Waste") as specified in the Rules.
- C. GEPIL represented that it is fully capable and competent to treat and dispose of the Hazardous Waste in full compliance of applicable laws, rules and regulations and accordingly the Generator is desirous of sending its Hazardous Waste to the AFRF for necessary treatment and safe disposal of the same by GEPIL.
- D. GEPIL has agreed to manage, treat and dispose of the Hazardous Waste of the Generator at its AFRF and whereas the Generator agrees to send its Hazardous Waste to GEPIL on the terms and conditions stated hereunder.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS AND OBLIGATIONS SET FORTH HEREIN, BY THE PARTIES HERETO, IT IS AGREED AS FOLLOWS:

1. DEFINITIONS & INTERPRETATIONS

DEFINITIONS

- 1.1. "Anthorisation" shall mean any governmental or related regulatory authority's permission, in written format, for complying with any of the obligations envisaged under the terms of this Agreement:
- 1.2. "Day" means a period of Twelve (12) consecutive hours beginning at 08.00 hours and ending at 20.00 hours:
- 1.3. "Effective Date" shall mean the date on which this Agreement has been entered into and takes effect between the Generator and GEPIL;
- 1.4. "Financial Year" means a year starts from 1st day of April month of the year and ending on 31st day of March month of next year;

Signed for & on behalf of GEPIL

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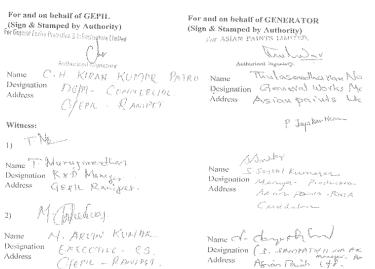
- 18.2. The arbitral proceedings shall be in English and the venue shall be Chennai
- 18.3. The terms of the sole arbitrator shall be final and binding on both Parties.
- 18.4. The Parties shall bear their own costs and expenses for the conduct of the arbitration proceedings.

19. GOVERNING LAW AND JURISDICTION

Signed for & on behalf of curpti-

The terms of this Agreement shall be governed by the laws of India and the Courts of Chennai shall have exclusive jurisdiction to decide upon any matters arising from the terms of this Agreement, or having any connection thereto.

IN WITNESS WHEREOF the parties hereto acting through their properly constituted representatives have set their hands to cause this AGREEMENT signed and executed in their respective names and on their behalf.



Condidor of an

Signed for & on behalf of GEPH. Signed for & on babalf of A sinn Paints

14

SPECIFIC TERMS OF REFERENCE FOR EIASTUDIES FOR SYNTHETIC ORGANIC CHEMICAL INDUSTRY



(8) Authorization/Membership for the disposal of liquid effluent in CETP and solid/hazardous waste in TSDF, if any.

- Detailed ETP scheme and its adequacy for achieving ZLD provided in Chapter 2, section 2.10.3.
 Authorization/Membership for CETP not required.
- Authorization/Membership for TSDF available and attached as Annexure 20.

Tel: 91-44-45522655 Email: contactus@iwma.in Web: www.iwma.in GSTIN: 33AAAA10746E1Z8



Industrial Waste Management Association

#409, 3rd Floor, Ten Square Mall, 100 Feet Road, #64, Jawaharlal Nehru Rd, Koyambedu, Chennai - 600107.

Membership Number: 133 Date: 10-Jan-2022

To M/S . Asian Paints Ltd Kind Attention : Sr.Manager

Dear Sir,

SUB: Subscription Demand Notice towards Annual Membership Renewal Fee to Industrial Waste Management Association 2 year(s) pending - reg

This is to inform you that we have enclosed the notice for the Annual Subscription Renewal Fee to be paid to Industrial Waste Management Association (IWMA) for the year 2020-2021, 2021-2022.

We request you to kindly arrange the payment either through online transfer or through Demand Draft (DD) in favour of "Industrial Waste Management Association" payable at Chennai. The last day for renewal of the IWMA Membership for any financial year is 31st May. This deadline is irrespective of the date of admission of your membership. Members who have not renewed their membership by 31st May will lose their membership benefit and hence will not be able to utilize CHWTSDF facilities of IWMA.

And for those who have pending dues for more than a year, please treat this as our urgent notice and arrange to pay the arrears as soon as possible. We would be glad if you could furnish us a proof of payment (copy of our receipt), if remittance has already been effected for the pending dues, enable us to amend our records.

Special Note for Financial Year 2020-21: Due to COVID-19 pandemic which has impacted all our members, our Executive Committee has decided to give one-time concession in membership fees for the financial year 2020-21 alone. Hence, for the financial year 2020-21, IWMA annual membership subscription and registration fees has been discounted by 50% for micro, small and medium category industries and 25% for large category industries.

Subscription amount pending as per the above: Rs.30,975.00. (Enclosed a separate notice)

Yours Sincerely,

For Industrial Waste Management Association

18mm/

N. Palanisamy Secretary

Chairman: Baskaran.K Vice Chairman: Rajan. C.S. Secretary: Palanisamy.N Treasurer: Suresh Manoharan Jt Secretary: Thirugnanam.R Members: Anbarasu.C., Devi.S., George.N.C., Jagannathan.K., Mohamed Khaleel.T., Muruganantham.R., Natarajan.K., Purushothaman.P.E., Senthil Murugan.E., Thiyagarajan.M.

□ Proposed CER expenditure (2022-2027)



APL-Penta Division proposed to allocate INR 17 Lacs towards Corporate Environmental Responsibility (CER) within the study area for a period of 5 years (2022-2027) as per as per Office Memorandum of color vide F. No. 22-65/2017.IA.III dated 30.09.2020

CL No.	CER Activities (After Proposed Expansion)	Linit (Niconala au)	Unit Cost (In Lacs	Cost Allocation (INR	CER Budget (In Lacs INR)				
SI. No		Unit (Number)	INR)	Lacs)	Y1	Y2	Y3	Y4	Y5
4	Safe drinking water supply through installation of RO plant	1	2	2	0.4	0.4	0.4	0.4	0.4
1	(Capacity 1000 Litter/ day)	1	2	2	0.4	0.4	0.4	0.4	0.4
	Total	2		4	0.8	0.8	0.8	0.8	0.8
	Sanitation facility (Construction of Community Toilets with	1	3	3	0.6	0.6	0.6	0.6	0.6
2	Septic Tank and Soak pit, Construction of Individual								
2	Household Latrines (IHHLs), Individual Sanitation in Rural	1	3	3	0.6	0.6	0.6	0.6	0.6
	Areas								1
	Total	2		6	1.2	1.2	1.2	1.2	1.2
3	Procurement of Medical Equipment's and providing	1	2	2	0.4	0.4	0.4	0.4	0.4
3	Financial Assistance for local Health centre etc	1	1 2	2	0.4	0.4	0.4	0.4	0.4
	Total	1		2	0.4	0.4	0.4	0.4	0.4
4	Installation of Deep Bore Wells with High Platform in	1	1	1	0.2	0.2	0.2	0.2	0.2
	villages	1	1	1	0.2	0.2	0.2	0.2	0.2
	Total	2		2	0.4	0.4	0.4	0.4	0.4
5	Promoting Eco-friendly behaviour through use of Green	3	1	3	0.6	0.6	0.6	0.6	0.6
	Energy in 03 schools	3	5 1	1	3	0.6	0.6	0.6	0.6
	Total	3		3	0.6	0.6	0.6	0.6	0.6
Total				17	3.4	3.4	3.4	3.4	3.4
Grand Total							17.0		

Wastewater/effluent Treatment, Disposal & Reuse

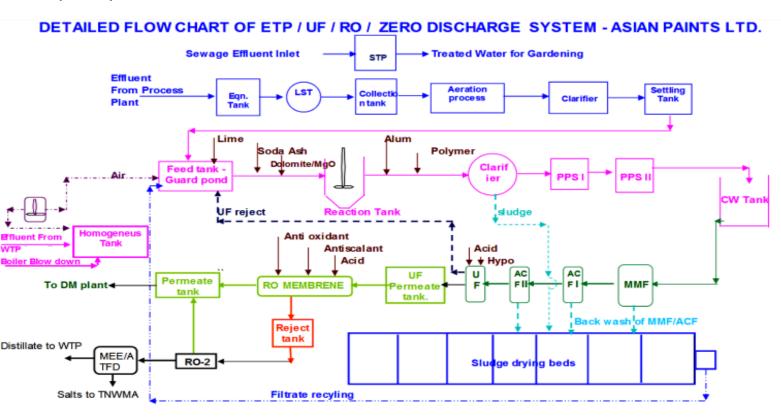


Wastewater Treatment and Disposal

- The wastewater treatment plant is Zero Liquid Discharge (ZLD) consists of fully functional ETP, reverse osmosis plant, multiple effect evaporator and agitated thin film dryer.
- The wastewater treatment process is based on Activated sludge process.
- The design capacity of ZLD is 194 KLD.
- The existing ETP operation is 70% of total capacity.

ETP System:

- Equalization Tank:
- Settling Tank:
- Buffer Tank:
- Nutrient Addition Tank (CRT):
- Aeration Tank:
- Primary Clarifier:
- Settling Tank 2:
- Secondary Clarifier:
- Pressure sand filter and ACF:
- Ultra Filtration:
- RO I system:
- Recovery 80% RO II System:
- MEE and ATFD:



Wastewater/effluent Treatment, Disposal & Reuse





Raw Effluent Collection Tank



Clarifier 2



Aeration Tank



Tertiary Treatment PSF/Activated Carbon Filter



Clarifier 1



Flow Meters for Inlet Feed



RO Plant – Spiral Wound Membrane





Multiple Effect Evaporator With ATFD



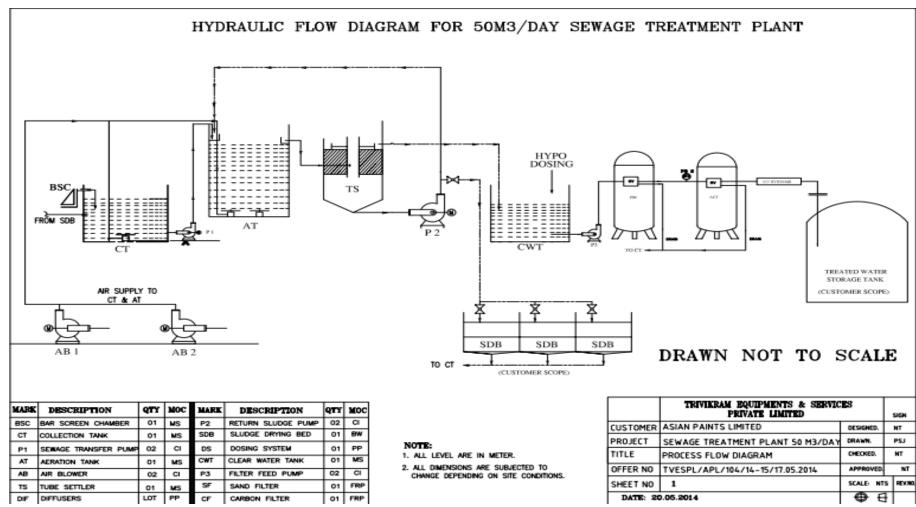
Sewage Treatment, Disposal & Reuse



- The domestic sewage generated from toilets/sanitation system and is treated in existing Sewage Treatment Plant.
- The capacity of STP is 50 KLD and will be adequate after expansion for treating sewage.
- Treated sewage reused in green belt development.

STP System:

- Bar screen Chamber
- Collection Tank
- Aeration Tank
- Tube Settler
- Diffusers
- Sludge drying bed
- Dosing system
- Clear Water Tank
- Sand Filter
- Activated Carbon Filter







Solar energy usage for drying of Hazardous waste



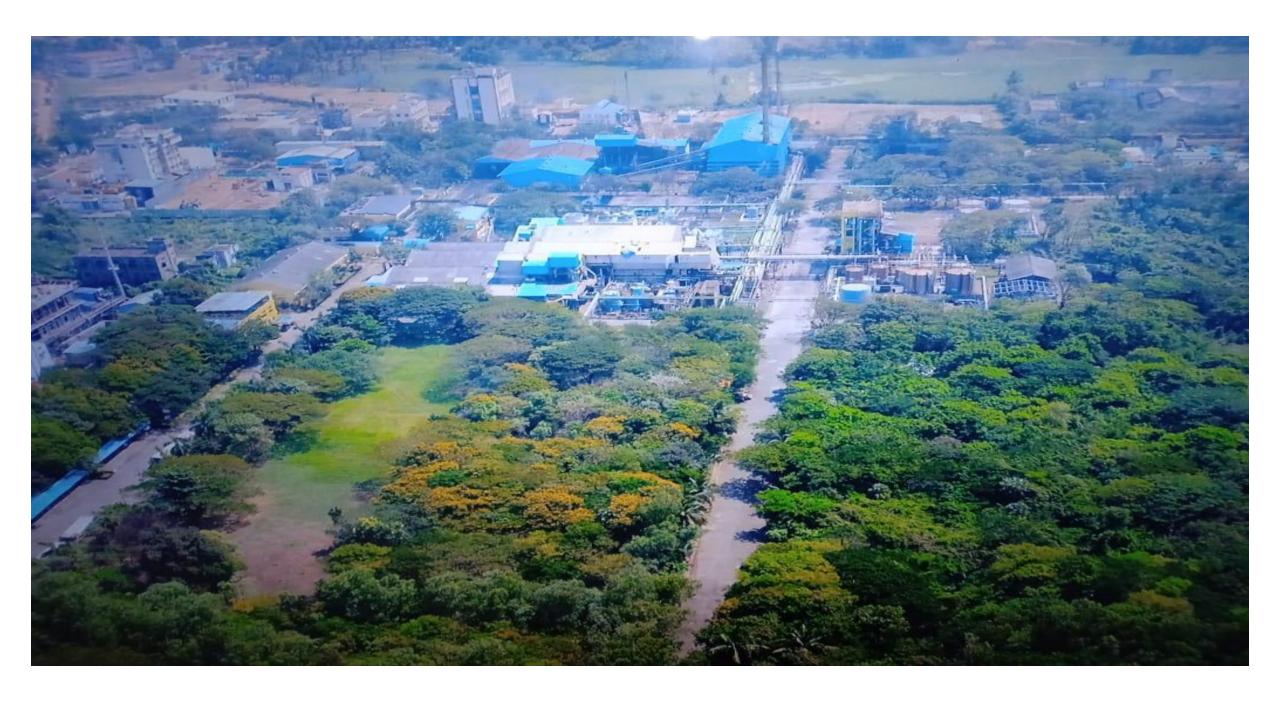


Green Belt details



Herbal Garden











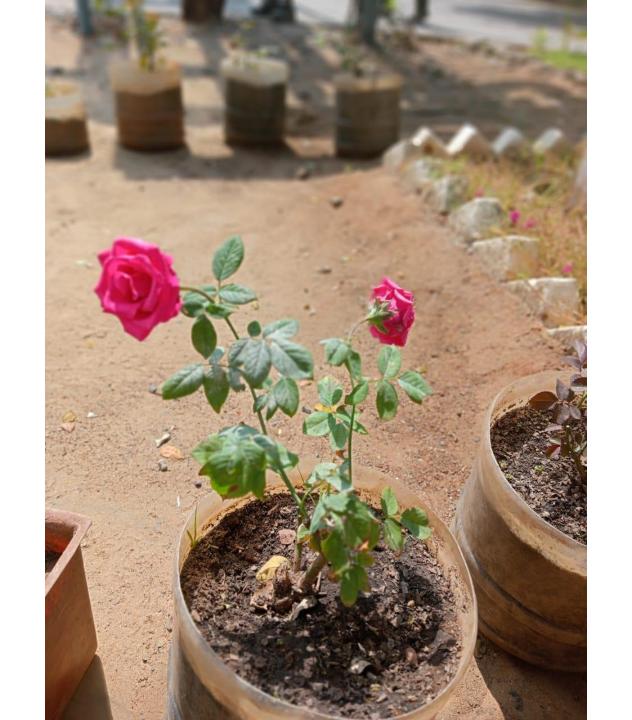
















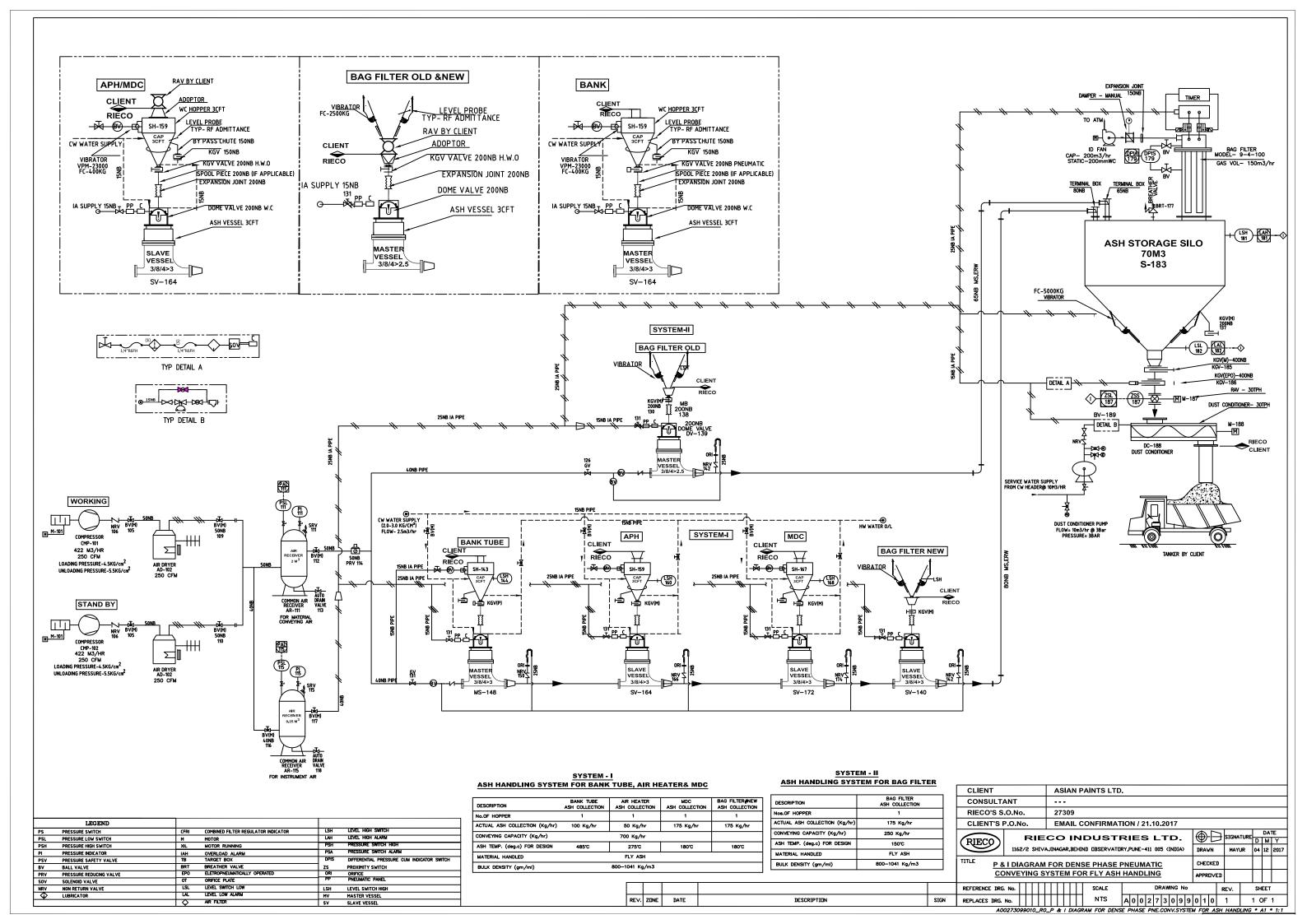
Green Belt Development Plan



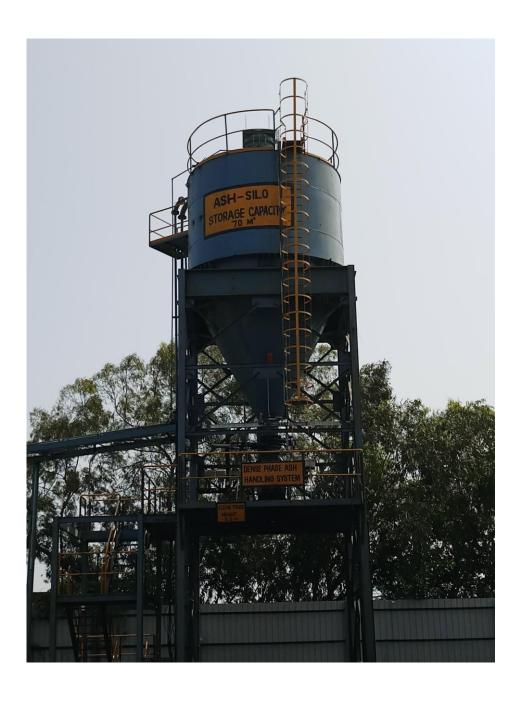
Existing Tree plantation within Plant Premises

	T. I. I. I.		
SI. No	Species name	Common name	Total No. of
			trees
1	Prunus dulcis	Almond	664
2	Terminalia arjuna	Arjun Tree	229
3	Saraca asoca	Ashoka	569
4	Ficus benghalensis	Banyan Tree	18
5	Syzygium cumin	Black Plum	533
6	Anacardium occidentale	Cashew tree	8
7	-	Casual Fruits	11
8	Hibiscus rosa-sinensis	Chinese hibiscus	4
9	Cocos nucifera	Coconut Tree	330
10	Nyctanthes arbor-tristis	Coral Jasmine	11
11	Tabernaemontana divaricata	Crepe Jasmine	102
12	Moringa oleifera	Drumstick Tree	18
13	Eucalyptus globulus	Eucalyptus	662
14	Cassia fistula	Golden shower	2578
15	Psidium guajava	Guava	2
16	Lannea coromandelica	Indian ash tree	50
17	Pongamia pinnata	Indian Beech	2424
18	Millingtonia hortensis	Indian Cork Tree	19
19	Phoenix sylvestris	Indian date	22
20	Morinda citrifolia	Indian Mulberry	22
21	Artocarpus heterophyllus	Jackfruit Tree	15
22	Ixora coccinea	Jungle geranium	6
23	Citrus limon	Lemon	14
24	Swietenia mahagoni	Mahogany	619
25	Madhuca longifolia	Mahua	769

SI. No	Species name	Common name	Total No. of trees
26	Mangifera indica	Mango	209
27	Azadirachta indica	Neem	312
28	Carica papaya	Papaya	27
29	Thespesia populnea	Portia	334
30	Samanea saman	Rain tree	686
31	Roystonea regia	Royal Palm	111
32	Ficus religiosa	Sacred Fig	39
33	Santalum album	Sandal Tree	6
34	Albizia lebbeck	Siris	1
35	Mimusops elengi	Spanish cherry	41
36	Leucaena leucocephala	Subabul	666
37	Tamarindus indica	Tamarind	25
38	Tectona grandis	Teak	342
39	Ficus benjamina	Weeping Fig	396
	Total		12894



Fly Ash Handling SILO



CSR Photographs 2023 – 2024

M/s. Asian Paints Limited (Penta Division) – at B5-B10 SIPCOT Industrial Complex, Kudikadu Village, Cuddalore Taluk, Cuddlore District

Rejuvenation of Water Body at Krishnankuppam Panchayat













Tree Plantation - Krishnankuppam Panchayat







































MQJ2+QFJ, Cuddalore, Tamil Nadu 607005, India

Latitude

1°

Local 10:59:47 AM

GMT 05:29:47 AM

Longitude

11.6809296933934 79.75122604519129

Altitude 4 meters Friday, 01.09.2023



Mission Life in Asian Paints, Cuddalore

A Campaign for Mission life started in Asian paints ltd. Penta division, Employees and Contract employees voluntarily committed them self for comply Mission life statement.

Total 110 Employees & 155 Contract Employees shared their commitment towards compliance of Mission Life statement.



Pledge taken for commit & comply Mission Life statement

Employee - Mission Life Compliance







Employee - Mission Life Compliance









Tree Sapling in Poondiyakuppam School



CSR - REJUVENATION OF KRISHNANKUPPAM WATER BODIES

- . Increase in Water-holding capacity of waterbody and feeder channel
- . Increasing the Groundwater recharge through desilting and reducing the desilting rate inside waterbody
- . Improving the Green cover biodiversity enhancement through beneficial Agro- forestry plants in shoring area of waterbody

BEFORE





Awareness Sessions on Malnutrition

- Covered undernutrition and overweight and obesity, as well as diet-related noncommunicable diseases.
- Our Medical Consultant used to visit 100 days work – MGNAREGA and make awarness talk on Mal Nutrition.
- Conducted 79 awarness sessions so far, out of this 18 awarness session on Mal Nutrition of Women.





AWARENESS SESSION IN ECHANKADU VILLAGE

Mr. Rajendra Babu – AGM participated and delivered speech at Echankadu Village People on awareness camp.



M/s. Asian Paints Limited - Penta Division

Consolidated Report of Analysis - Boiler Stack - External Lab

S.No.	Date	Location	Carbon Dioxide as CO2	Carbon Monoxide as CO	Nitrogen Oxide as Nox	Oxygen as O2	Particulate Matter	Stack Temperature	Sulphur Dioxide as SO2	Velocity	Volume of Gas Discharged
			%	mg/Nm ³	mg/Nm ³	%	mg/Nm ³	K	mg/Nm ³	m/s	Nm ³ /hr
1	23.08.2023	Boiler 16 TPH	6.1	1360	133	10.3	43.4	414	65	12.6	25599
2	06.01.2024	Boiler 16 TPH	3.8	283	273	14.3	44.6	419	560	11.4	22885
3	22.03.2024	Boiler 16 TPH	5.3	438	121	11.7	46.5	419	543	11	28823



TEST REPORT



TC-6118

ULR - TC611823000026648F

Report No: QEN23080327-04

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

: Boiler 16 TPH

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m)

: 1.0 m

Ambient Temperature

:34°C

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Limit as per CPCB
Chem	ical				
1	Carbon Dioxide as CO2	SMSLA/EN/SOP/017	%	6.1	
2	Carbon Monoxide as CO	SMSLA/EN/SOP/017	mg/Nm3	1360	
3	Nitrogen Oxides as Nox	SMSLA/EN/SOP/017	mg/Nm3	133	
4	Oxygen as O2	SMSLA/EN/SOP/017	%	10.3	
5	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	43.4	*
6	Stack temperature	IS 11255 (Part 03)	K	414	
7	Sulphur Dioxide as SO2	IS 11255 (Part 02)	mg/Nm3	65	
8	Velocity	EPA 1-3	m/s	12.6	
9	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	25599	

*Note: Less than 2 (Ton/Hour)

: 500 mg/Nm3

2 to Less than 10 (Ton/Hour)

: 150 mg/Nm3

10 and Above (Ton/Hour)

: 100 mg/Nm3

Remarks: The above tested sample conforms the CPCB standards for the above tested parameters.





TEST REPORT



TC-6118

ULR - TC611824000000778F

Page 1 of 1

Report No: QEN24010013-04

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

Test Request Form Dated 26,12,2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

: Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: Boiler 16 TPH

Test Completed on

: 06 Jan 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

: 34°C

Diameter of Stack (m) : 1.0 m

TEST RESULTS

s.no	Parameter	Test Method	Unit	Results	Limit as per CPCB
Chem	ical				
1	Carbon Dioxide as CO2	SMSLA/EN/SOP/017	%	3.8	
2	Carbon Monoxide as CO	SMSLA/EN/SOP/017	mg/Nm3	. 283	^
3	Nitrogen Oxides as Nox	SMSLA/EN/SOP/017	mg/Nm3	273	
4	Oxygen as O2	SMSLA/EN/SOP/017	%	14.3	
5	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	44.6	*
6	Stack temperature	IS 11255 (Part 03)	К	419	
7	Sulphur Dioxide as SO2	IS 11255 (Part 02)	mg/Nm3	560	
8	Velocity	EPA 1-3	m/s	11,4	
9	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	22885	-

*Note: Less than 2 (Ton/Hour)

: 500 mg/Nm3

2 to Less than 10 (Ton/Hour) : 150 mg/Nm3 10 and Above (Ton/Hour)

: 100 mg/Nm3

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested Parameters.

/******* End of the Report ********/

Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611824000013572F Report No: QEN24030396-09 Page 1 of 1

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

: Laboratory

Test Started on

: 18 Mar 2024

Sample Location

: Boiler 16 TPH

Test Completed on

: 22 Mar 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

: 34°C

Diameter of Stack (m) : 1.0 m

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Limit as per CPCB
Chem	ical		L		
1	Carbon Dioxide as CO2	SMSLA/EN/SOP/017	%	5.3	
2	Carbon Monoxide as CO	SMSLA/EN/SOP/017	mg/Nm3	438	
3	Nitrogen Oxides as Nox	SMSLA/EN/SOP/017	mg/Nm3	121	
4	Oxygen as O2	SMSLA/EN/SOP/017	%	11.7	
5	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	46.5	*
6	Stack temperature	IS 11255 (Part 03)	К	419	
7	Sulphur Dioxide as SO2	IS 11255 (Part 02)	mg/Nm3	543	
8	Velocity	EPA 1-3	m/s	11.0	
9	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/I-Ir	28823	

*Note : Less than 2 (Ton/Hour)

: 500 mg/Nm3

2 to Less than 10 (Ton/Hour) : 150 mg/Nm3 10 and Above (Ton/Hour)

: 100 mg/Nm3

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested Parameters.

/****** End of the Report ********/

M. Sarathkumar **Authorized Signatory-Chemical**

M/s. Asian Paints Limited - Penta Division

Consolidated Report of Analysis - Ambient Air Quality - External Lab

Date of Rep	ort	04.07.2023	04.07.2023	23.08.2023	23.08.2023	06.01.2024	06.01.2024	22.03.2024	22.03.2024		
Location	Units	Near Coal Yard (Up Wind)	Near Weigh Bridge (Down Wind)	Near Coal Yard (Up Wind)	Near Weigh Bridge (Down Wind)	Near Coal Yard (Up Wind)	Near Weigh Bridge (Down Wind)	Near Coal Yard (Up Wind)	Near Weigh Bridge (Down Wind)	Average	NAAQ Standards
Ammonia as NH ₃	μg/m ³	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	400
Carbon Monooxide as CO (8hrs)	mg/m ³	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	BLQ(LOQ:1.14)	2
Nitrogen dioxide as NO ₂	μg/m ³	20.1	23.1	22.1	19.2	23.0	20.8	24.4	22.7	21.93	80
Ozone as O ₃	μg/m ³	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	BLQ(LOQ:20.0)	180
Particulate Matter (PM ₁₀)	μg/m ³	62.1	58.0	61.4	66.8	61.1	65.5	65.8	63.0	62.96	100
Particulate Matter (PM _{2.5})	μg/m ³	26.3	23.2	26.3	28.6	25.2	27.5	27.5	25.9	26.31	60
Sulphur Sioxide as SO ₂	μg/m ³	8.9	11.4	9.9	11.8	12.5	9.5	12.6	11.9	11.06	80
Benzo(a)Pyrene (Particulate Phase)	ng/m ³	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	BLQ(LOQ:0.05)	1
Arsenic as As	ng/m ³	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	6
Lead as Pb	μg/m ³	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	BLQ(LOQ:0.001)	1
Nickel as Ni	ng/m ³	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	BLQ(LOQ:0.1)	20
Benzene	μg/m ³	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	BLQ(LOQ:1.0)	5

Note: BLQ – Below Limit of Quantification,

LOQ – Limit of Quantification



TEST REPORT



ULR - TC611823000019995F

Page 1 of 1

Report No: QEN23060493-01

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sampling Date & Time : 26 to 27 Jun 2023

09.10 am to 09.10 am

Sample Description

Sample Received on

: 29 Jun 2023

Reference

: Ambient Air Quality Monitoring : Test Request Form Dated 27.06.2023

Test Started on

: 29 Jun 2023

Sample Drawn By

: 04 Jul 2023

: Laboratory

Test Completed on

Sample Location Sample Procedure

: Near Coal Yard (Up Wind) : IS 5182

Relative Humidity

: 64%

Ambient Temperature

:33°C

TEST DESILITS

s.no	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as NH3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	IS 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	20.1	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(LOQ:20.0)	μg/m³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	62.1	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	26.3	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	8.9	μg/m³	80 Max
Polycy	yclic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ (LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	ile Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested sample conforms the NAAQ standards for the above tested parameters.



TEST REPORT



Page 1 of 1

ULR - TC611823000019996F

Report No: QEN23060493-02

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

Sample Description

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sampling Date & Time : 26 to 27 Jun 2023

09.20 am to 09.20 am

Sample Received on

: 29 Jun 2023

Report Date: 04 Jul 2023

Reference

: Ambient Air Quality Monitoring : Test Request Form Dated 27,06,2023

Test Started on

: 29 Jun 2023

Sample Drawn By

: Laboratory

Test Completed on

: 04 Jul 2023

Sample Location

: Near Weigh Bridge (Down Wind)

Sample Procedure Relative Humidity : IS 5182 : 64%

Ambient Temperature

:33°C

TEST RESULTS

s.no	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as NH3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	IS 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	23.1	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(LOQ:20.0)	μg/m³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	58.0	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	23.2	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	11.4	μg/m³	80 Max
Polycy	yelic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ (LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method 1O-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	ile Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

BLQ: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested sample conforms the NAAQ standards for the above tested parameters.





TEST REPORT



TC-6118

ULR - TC611823000026644F

Report No: QEN23080327-01

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sampling Date & Time : 16 to 17 Aug 2023

09.10 am to 09.10 am

Sample Description

Sample Received on

: 19 Aug 2023

Reference

: Ambient Air Quality Monitoring : Test Request Form Dated 16.08.2023

Test Started on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Completed on

: 23 Aug 2023

Sample Location

: Near Coal Yard (Up Wind)

Sample Procedure Relative Humidity : IS 5182 : 64%

Ambient Temperature

:33°C

TEST RESULTS

s.no	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as NH3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	1S 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	22.1	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(LOQ:20.0)	μg/m ³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	61.4	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	26.3	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	9.9	$\mu g/m^3$	80 Max
Polycy	velic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ(LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	le Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested sample conforms the NAAQ standards for the above tested parameters.



TEST REPORT



TC-6118

ULR - TC611823000026646F

Report No: QEN23080327-02

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sampling Date & Time : 16 to 17 Aug 2023

09.20 am to 09.20 am

Sample Description

Sample Received on

: 19 Aug 2023

Reference

: Ambient Air Quality Monitoring : Test Request Form Dated 16.08.2023

Test Started on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Sample Location

: Near Weigh Bridge (Down Wind)

Test Completed on

: 23 Aug 2023

Sample Procedure Relative Humidity : IS 5182

Ambient Temperature

:33°C

: 64%

TEST RESULTS

S.NO	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as NH3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	IS 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	19.2	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(LOQ:20.0)	μg/m ³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	66.8	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	28.6	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	11.8	μg/m³	80 Max
Polycy	yelic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ(LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements		14		
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	le Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

: BLO: Below Limit of Quantification LOO: Limit of Quantification

Conclusion: The above tested sample conforms the NAAQ standards for the above tested parameters.



TEST REPORT



TC-6118

ULR - TC611824000000775F

Page 1 of 1

Report No: QEN24010013-01

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

Ambient Air Quality Monitoring

Sampling Date & Time

: 26 to 27 Dec 2023

bumple Hame

10.30 am to 10.30 am

Sample Description

: Ambient Air Quality Monitoring

Sample Received on

: 02 Jan 2024

Reference

: Test Request Form Dated 26.12.2023

Test Started on

: 03 Jan 2024

Sample Drawn By

Laboratory

Test Completed on

: 06 Jan 2024

Sample Location

: Near Coal Yard (Down Wind)

Sample Procedure Relative Humidity : IS 5182 : 78%

Ambient Temperature

: 29°C

TEST RESULTS

S.NO	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as N113	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	1S 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	23.0	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(1.OQ:20.0)	μg/m³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	61.1	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	25.2	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	12.5	μg/m³	80 Max
Polycy	yelic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ(LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	ile Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested Sample Conforms to the NAAQS Standards for the above tested Parameters.

/******* End of the Report ********/

Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611824000000776F

Page 1 of 1

Report No: OEN24010013-02

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

Ambient Air Quality Monitoring

Sampling Date & Time

: 26 to 27 Dec 2023

10.50 am to 10.50 am

Sample Description

Ambient Air Quality Monitoring

Sample Received on

: 02 Jan 2024

Reference

Test Request Form Dated 26.12.2023

Test Started on

: 03 Jan 2024

Sample Drawn By

Laboratory

Test Completed on

Sample Location

Near Weigh Bridge (Down Wind)

: 06 Jan 2024

Sample Procedure Relative Humidity

: IS 5182 : 78%

Ambient Temperature

: 29°C

TEST RESULTS

s.no	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
- 1	Ammonia as NU3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	IS 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	20.8	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	B1.Q(1.OQ:20.0)	μg/m³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	65.5	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	27.5	μg/m³	60 Max
7	Sulphur Dioxide as SO2	1S,5182 (Part 02)	9.5	μg/m³	80 Max
Polycy	yelic Aromatic Hydrocarbons				,
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ(LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method 1O-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method 1O-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method 1O-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	ile Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested Sample Conforms to the NAAQS Standards for the above tested Parameters.

/****** End of the Report *********/

Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611824000013563F Report No: QEN24030396-01 Page 1 of 1

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

Ambient Air Quality Monitoring

Sampling Date & Time : 15 to 16 Mar 2024

09.10 am to 09.10 am

Sample Description

Ambient Air Quality Monitoring

Sample Received on

: 18 Mar 2024

Reference

Test Request Form Dated 15.03.2024

Test Started on

: 18 Mar 2024

Sample Drawn By

Laboratory

Test Completed on

: 22 Mar 2024

Sample Location

Near Coal Yard (Down Wind)

Sample Procedure Relative Humidity

IS 5182

64%

Ambient Temperature

TEST RESULTS

		TEST RESC.			
s.no	Parameter	Test Method	Results ·	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as NH3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	IS 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	22.7	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(LOQ:20.0)	μg/m³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	63.0	μg/m³	100 Max
. 6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	25.9	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	11.9	μg/m³	80 Max
Polycy	clic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ(LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max
Volati	le Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested Sample Conforms to the NAAQS Standards for the above tested Parameters.

/******* End of the Report ********/

M. Sarathkumar **Authorized Signatory-Chemical**



TEST REPORT



TC-6118

ULR - TC611824000013565F Report No: QEN24030396-02 Page 1 of 1

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient Air Quality Monitoring

Sampling Date & Time : 15 to 16 Mar 2024

09.00 am to 09.00 am

Sample Received on

: 18 Mar 2024

Sample Description Reference

: Ambient Air Quality Monitoring Test Request Form Dated 15.03.2024

Test Started on

: 18 Mar 2024

Sample Drawn By

: Laboratory

Test Completed on

: 22 Mar 2024

Sample Location Sample Procedure : Near Weigh Bridge (Up Wind) IS 5182

Relative Humidity

: 64%

Ambient Temperature

: 33°C

TEST RESULTS

		TEST RESUL			
s.no	Parameter	Test Method	Results	Unit	Limit as per NAAQS Specification
Chem	ical				
1	Ammonia as NH3	IS 5182 (Part 25)	BLQ(LOQ:20.0)	μg/m³	400 Max
2	Carbon Monoxide as CO (8hrs)	IS 5182 (Part 10)	BLQ(LOQ:1.14)	mg/m³	02 Max
3	Nitrogen dioxide as NO2	IS 5182 (Part 06)	24.4	μg/m³	80 Max
4	Ozone as O3	IS 5182 (Part 09)	BLQ(LOQ:20.0)	μg/m³	180 Max
5	Particulate Matter (PM10)	IS 5182 (Part 23)	65.8	μg/m³	100 Max
6	Particulate Matter (PM2.5)	IS 5182 (Part 24)	27.5	μg/m³	60 Max
7	Sulphur Dioxide as SO2	IS 5182 (Part 02)	12.6 .	μg/m³	80 Max
Polycy	clic Aromatic Hydrocarbons				
8	Benzo(a)Pyrene (Particulate Phase)	SMSLA/GS/SOP/06	BLQ(LOQ:0.05)	ng/m³	01 Max
Trace	Metal Elements				
9	Arsenic	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	06 Max
10	Lead	Compendium Method IO-3.4	BLQ(LOQ:0.001)	μg/m³	1.0 Max
11	Nickel	Compendium Method IO-3.4	BLQ(LOQ:0.1)	ng/m³	20 Max *
Volati	le Organic Compounds				
12	Benzene	SMSLA/GM/SOP/31	BLQ(LOQ:1.0)	μg/m³	05 Max

: BLO: Below Limit of Quantification LOQ: Limit of Quantification

Conclusion: The above tested Sample Conforms to the NAAQS Standards for the above tested Parameters.

/****** End of the Report ********/

M. Sarathkumar **Authorized Signatory-Chemical**

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

M/s. Asian Paints Limited - Penta Division

Consolidated Report of Analysis - DG Stack - External Lab

S.No.	Date	Location	Carbon Dioxide as CO ₂	Carbon Monoxide as CO	Nitrogen Oxide as Nox	Oxygen as O ₂	Particulate Matter	Stack Temperature	Sulphur Dioxide as SO ₂	Velocity	Volume of Gas Discharged
			%	g/kw-hr	g/kw-hr	%	g/kw-hr	K	mg/Nm ³	m/s	Nm ³ /Hr
1	04.07.2023	DG 600 KVA	1.9	0.51	0.29	17.9	0.016	456	25	8.8	1015
2	23.08.2023	DG 600 KVA	1.9	0.48	0.31	17.7	0.015	444	26	9	1066
3	06.01.2024	DG 600 KVA	1	2.82	0.32	-	0.017	-	27	-	-
4	22.03.2024	DG 600 KVA	-	1.01	0.4	-	0.016	-	25	-	-
	Limits as per	r CPCB	-	3.5	0.4	-	0.02	-	-	-	-



TEST REPORT



TC-6118

ULR - TC611823000019998F

Report No: QEN23060493-04

Page 1 of 1

Report Date: 04 Jul 2023

Customer Name

: M/s, Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

: Laboratory

Test Started on

: 29 Jun 2023

Sample Location

: DG 600 KVA

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.25 m

TEST RESULTS

s.NO	Parameter	Test Method	Unit	Results	Limit as per CPCI Specification
Chem	ical			-	
1	Carbon Dioxide as CO2	SMSLA/EN/SOP/017	%	1.9	
2	Carbon Monoxide as CO	SMSLA/EN/SOP/017	g/kw-hr	0.51	3.5 Max
			mg/ Nm3	241.4	
3	Nitrogen Oxides as NOx	SMSLA/EN/SOP/017	g/kw-hr	0.29	0.40
			mg/ Nm3	137.5	
4	Oxygen as O2	SMSLA/EN/SOP/017	%	17.9	**
5	Particulate Matter	er 1S 11255 (Part 1)	g/kw-hr	0.016	0.02 Max.
1985			mg/ Nm3	7.5	
6	Stack temperature	IS 11255 (Part 03)	K	456	
7	Sulphur Dioxide as SO2	IS 11255 (Part 02)	mg/Nm3	25	-
8	Velocity	EPA 1-3	m/s	8.8	-
9	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	1015	

Conclusion: The above tested sample conforms the CPCB standards for the above tested parameters,

/******* End of the Report ********/

R. PRABHU



TEST REPORT



TC-6118

ULR - TC611823000026649F

Report No: QEN23080327-05

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

: DG 600 KVA

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m)

: 0.25 m

Ambient Temperature :34°C

TEST RESULTS

s.no	Parameter	Test Method	Unit	Results	Limit as per CPCI Specification
Chem	ical				
1	Carbon Dioxide as CO2	SMSLA/EN/SOP/017	%	1.9	-
2	Carbon Monoxide as CO	SMSLA/EN/SOP/017	g/kw-hr	0.48	3.5 Max
		511017472140017017	mg/ Nm3	218.0	
3	Nitrogen Oxides as NOx	SMSLA/EN/SOP/017	g/kw-hr	0.31	0.40 Max
-		Sindaria	mg/ Nm3	141.3	
4	Oxygen as O2	SMSLA/EN/SOP/017	%	17.7	
5	Particulate Matter	IS 11255 (Part 1)	g/kw-hr	0.015	0.02 Max.
		10 (125 (141(1)	mg/ Nm3	6.7	
6	Stack temperature	IS 11255 (Part 03)	К	444	
7	Sulphur Dioxide as SO2	IS 11255 (Part 02)	mg/Nm3	26	-
8	Velocity	EPA 1-3	m/s	9.0	
9	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	1066	_

Conclusion: The above tested sample conforms the CPCB standards for the above tested parameters.



TEST REPORT



ULR - TC611824000000779F

Page 1 of 1

Report No: QEN24010013-05

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED, (PENTA DIVISION)

Customer Address

: B5 - B10, StPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Test Started on

: 03 Jan 2024

Sample Drawn By

: Laboratory

Test Completed on

Sample Location

: DG 600 KVA

: 06 Jan 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.25 m

Ambient Temperature : 34°C

Anthorized Signatory-Chemical

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Limit as per CPCB
Chem	ical				
1	Carbon Monoxide as CO	SMSLA/EN/SOP/017	g/kw-hr	2.82	3.5 Max
2	Nitrogen Oxides as NOx	SMSLA/EN/SOP/017	g/kw-hr	0.32	0.40 Max
3	Particulate Matter	IS 11255 (Part 1)	mg/Nm3	0.017	0.02 Max.
4	Sulphur Dioxide as SO2	IS 11255 (Part 02)	mg/Nm3	27	_

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested Parameters.

/****** End of the Report *******/

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT



TC-6118

ULR - TC611824000013567F

Page 1 of 1

Report No: QEN24030396-04

Report Date: 22 Mar 2024

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

Sample Received on

: 18 Mar 2024

Test Request Form Dated 15.03.2024

Test Started on

: 18 Mar 2024

Sample Drawn By

Laboratory

Sample Location

DG - 600KVA

Test Completed on

: 22 Mar 2024

Sample Procedure

IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

: 34°C

Diameter of Stack (m): 0.25 m

4 Sulphur Dioxide as SO2

TEST RESULTS

		TEST RESC	B10		
S.NO	Parameter	Test Method	Unit	Results	Limit as per CPCB,
Chem	ical			*	
1	Carbon Monoxide as CO	SMSLA/EN/SOP/017	g/kw-hr	1.01	3.5 Max
2	Nitrogen Oxides as NOx	SMSLA/EN/SOP/017	g/kw-hr	0.34	0.40 Max
3	Particulate Matter	IS 11255 (Part 1)	g/kw-hr	0.016	0.02 Max

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested Parameters.

IS 11255 (Part 02)

****** End of the Report ********/

mg/Nm3

M.S. M. Sarathkumar

Authorized Signatory-Chemical

M/s. Asian Paints Limited - Penta Division

Consolidated Report of Analysis - Trade Effluents - External Lab

Pa	rameters	pH @ 25∘C	Total Dissolved Solids	Total Suspended Solids	Chloride as Cl	Sulphate as SO4	Chemical Oxygen Demand	Lead as Pb	Copper as Cu	Zinc as Zn	Total Phosphorous as PO4	Hexavalent Chromium as Cr6+	BOD @ 27°C 3 days	Sulphide as S	Phenolic Compound as C ₆ H ₅ OH	Cyanide as CN
	Units	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	ETP Inlet	4.41	21349	144	399	2316	49920	0.69	0.09	0.84	6.42	BDL(DL:0.5)	14400	BDL(DL:0.5)	0.58	Absent
23	RO-I Inlet	7.28	4122	12	1010	877	141	0.18	BDL (DL:0.02)	0.32	0.08	BDL(DL:0.5)	16	BDL(DL:0.5)	BDL(DL:0.5)	Absent
26.07.2023	RO II Inlet	7.48	5409	15	1679	1039	204	0.18	BDL (DL:0.02)	0.06	0.25	BDL(DL:0.5)	21	BDL(DL:0.5)	BDL(DL:0.1)	Absent
79	RO Permeate	6.6	285	BDL (DL:2.0)	130	18.3	12.5	BDL (DL:0.02)	BDL (DL:0.02)	0.07	BDL (DL:0.05)	BDL(DL:0.05)	BDL(DL:2.0)	BDL(DL:0.5)	BDL(DL:0.1)	Absent
	RO Reject	7.69	11993	29	4123	2230	308	0.37	BDL (DL:0.02)	BDL (DL:0.02)	0.07	BDL(DL:0.05)	45	BDL(DL:0.5)	BDL(DL:0.1)	Absent
	ETP Inlet	3.63	26920	930	6260	2410	7010	BLQ (LOQ:0.005)	0.03	0.18	4.8	BLQ (LOQ:0.03)	1620	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
23	RO-I Inlet	7.14	4750	28	1380	790	259	BLQ (LOQ:0.005)	0.015	0.155	0.89	BLQ (LOQ:0.03)	60	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
21.10.2023	RO II Inlet	7.49	6930	2.8	1970	1020	456	BLQ (LOQ:0.005)	0.008	0.12	0.13	BLQ (LOQ:0.03)	105	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
21	RO Permeate	7.72	77	BLQ (LOQ:2.0)	26	13	BLQ (LOQ:4.0)	BLQ (LOQ:0.005)	BLQ (LOQ:0.003)	0.09	BDL (LOQ:0.05)	BLQ (LOQ:0.03)	BDL(LOQ:2.0)	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
	RO Reject	7.81	14820	164	3360	1298	1020	BLQ (LOQ:0.005)	0.015	0.13	0.13	BLQ (LOQ:0.03)	230	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
	ETP Inlet	1.68	15048	2.6	99	2136	165	0.025	0.013	0.188	0.23	BLQ (LOQ:0.03)	38	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
2	RO-I Inlet	7.62	2080	BLQ (LOQ:2.0)	222	691	16	BLQ (LOQ:0.005)	0.008	0.209	BDL (LOQ:0.05)	BLQ (LOQ:0.03)	3.5	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
06.01.2024	RO II Inlet	6.1	3490	BLQ (LOQ:2.0)	1409	543	BLQ (LOQ:4.0)	BLQ (LOQ:0.005)	BLQ (LOQ:0.003)	0.095	BDL (LOQ:0.05)	BLQ (LOQ:0.03)	BDL(LOQ:2.0)	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
90	RO Permeate	6.01	54	BLQ (LOQ:2.0)	22	BLQ (LOQ:1.0)	BLQ (LOQ:4.0)	BLQ (LOQ:0.005)	BLQ (LOQ:0.003)	0.138	BDL (LOQ:0.05)	BLQ (LOQ:0.03)	BDL(LOQ:2.0)	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)
	RO Reject	6.57	7930	BLQ (LOQ:2.0)	3991	1298	114	BLQ (LOQ:0.005)	0.01	0.113	BDL (LOQ:0.05)	BLQ (LOQ:0.03)	26	BLQ (LOQ:1.0)	BLQ (LOQ:0.002)	BLQ (LOQ:0.1)

Note: BDL – Below Detection Limit

DL – Detection Limit

BLQ – Below Limit of Quantification

LOQ – Limit of Quantification



TEST REPORT



TC-6118

ULR - TC611823000033961F

Page 1 of 1

Report Date: 21 Oct 2023

Report No: QEN23100356-01

: M/s. ASIAN PAINTS LIMITED, (PENTA DIVISION)

Customer Name Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

: ETP Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: ETP Inlet Water

: 16 Oct 2023

Reference

: Test Request Form Dated 16.10.2023

Sampling Date

: 18 Oct 2023

Sample Drawn By

: Laboratory

Sample Received on Test Started on

: 18 Oct 2023

Sample Location

: ETP Area

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

	TEST RESULTS									
s.no	Parameter	Test Method	Unit	Results						
Chem	ical									
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	1620						
2	Chloride as CI	APHA 23rd Edition:4500 Cl B 2017	mg/L	6260						
3	COD	APHA 23rd Edition:5220 B 2017	mg/L	7010						
4	Cyanide as CN	APHA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(LOQ:0.1)						
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/L	BLQ(LOQ:0.03)						
6	Phenolic compound (as C6I15OII)	APHA 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0.002)						
7	Sulphate as \$O4	APHA 23rd Edition:4500 SO4 E 2017	mg/L	2410						
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	BLQ(LOQ:1.0)						
Physic	cal									
9	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017	<u></u> 0	3.63						
10	Total Dissolved solids (Inorganic)	APHA 23rd Edition:2540 C 2017	mg/L	26920						
11	Total suspended solids (TSS)	APITA 23rd Edition:2540 D 2017	mg/L	930						
Trace	Metal Elements									
12	Copper	IS 3025 (Part 65)	mg/L	0.030						
13	Lead	IS 3025 (Part 65)	mg/L	BLQ(LOQ:0.005)						
14	Zinc	IS 3025 (Part 65)	mg/L	0.180						

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

1 m/ Smeec A. Manikandan Authorized Signatory - Chemical

MICI

M. Sarathkumar Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallec Taluk, Chennai - 600124.

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SMS LABS SERVICES PRIVATE LIMITED **TEST REPORT**

Page 1 of 1

Report No: QEN23100356-01

Report Date: 21 Oct 2023

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

: ETP Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: ETP Inlet Water

Sampling Date

: 16 Oct 2023

Reference

Sample Received on

: 18 Oct 2023

Sample Drawn By

: Test Request Form Dated 16.10.2023 : Laboratory

Test Started on

: 18 Oct 2023

Sample Location

: ETP Area

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	4.8

/******* End of the Report ********/

MICT

M. Sarathkumar Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611823000033962F

Page 1 of 1 Report Date: 21 Oct 2023

Report No: QEN23100356-02

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Name Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

: RO - I Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: RO - I Inlet Water

Sampling Date

: 16 Oct 2023

Reference

Test Request Form Dated 16,10,2023

Sample Received on

: 18 Oct 2023

Sample Drawn By

Laboratory

Test Started on

: 18 Oct 2023

Sample Location

RO - Plant - I

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical		*:	
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	60
2	Chloride as Cl	APHA 23rd Edition:4500 CI B 2017	mg/L	1380
3	COD	APHA 23rd Edition:5220 B 2017	mg/L	259
4	Cyanide as CN	APHA 23rd Edition:4500 CN C ₂ E 2017	mg/L	BLQ(LOQ:0.1)
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/L	BLQ(LOQ:0.03)
6	Phenolic compound (as C6H5OH)	APHA 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0.002)
7	Sulphate as SO4	APHA 23rd Edition:4500 SO4 E 2017	mg/L	790
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	BLQ(LOQ:1.0)
Physic	cal			
9	pH value at 25°C	APHA 23rd Edition:4500 II+ - B 2017	-12	7.14
10	Total Dissolved solids (Inorganic)	APHA 23rd Edition:2540 C 2017	mg/L	4750
11	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	28
Trace	Metal Elements			
12	Copper	IS 3025 (Part 65)	mg/L	0.015
13	1.ead	IS 3025 (Part 65)	mg/L	BLQ(LOQ:0.005)
14	Zinc	IS 3025 (Part 65)	mg/L	0.155

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Im/fineee. End of the Report A. Manikandan Authorized Signatory - Chemical

MIF

M. Sarathkumar Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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TEST REPORT

Page 1 of 1

Report Date: 21 Oct 2023

Report No: QEN23100356-02

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

RO - I Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: RO - I Inlet Water

Sampling Date

: 16 Oct 2023

Reference

: Test Request Form Dated 16.10.2023

Sample Received on

: 18 Oct 2023

Sample Drawn By

Laboratory

Test Started on

: 18 Oct 2023

Sample Location

: RO - Plant - I

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chen	nical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	0.89

/******* End of the Report *********/

M. Sarathkumar Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611823000033963F Report No: QEN23100356-03

Page 1 of 1

Report Date: 21 Oct 2023

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

RO - II Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description : RO - II Inlet Water

Sampling Date

: 16 Oct 2023

Reference

: Test Request Form Dated 16.10.2023

Sample Received on

: 18 Oct 2023

Sample Drawn By

: Laboratory

Test Started on

: 18 Oct 2023

Sample Location

: RO - Plant - II

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

		TEST RESULTS	- Instrument	
S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	105
2	Chloride as Cl	APHA 23rd Edition:4500 Cl B 2017	mg/L	1970
3	COD	APHA 23rd Edition:5220 B 2017	mg/I.	456
4	Cyanide as CN	APHA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(I.OQ:0.1)
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/L	BLQ(LOQ:0.03)
6	Phenolic compound (as C6H5OH)	APHA 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0.002)
7	Sulphate as SO4	APITA 23rd Edition:4500 SO4 E 2017	mg/L	1020
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	B1.Q(I.OQ:1.0)
Physic	cal	38		
9	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017		7.49
10	Total Dissolved solids (Inorganic)	APHA 23rd Edition:2540 C 2017	mg/L	6930
11	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	2.8
Trace	Metal Elements			
12	Copper	IS 3025 (Part 65)	mg/L	0.008
13	Lead	IS 3025 (Part 65)	mg/L	BLQ(LOQ:0.005)
14	Zinc	IS 3025 (Part 65)	mg/L	0.120

Note: BLQ: Below Limit of Quantification LQQ: Limit of Quantification.

Im/Imeec. A. Manikandan Authorized Signatory-Chemical

******** End of the Report *********/

MICE M. Saraihkumar

Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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TEST REPORT

Page 1 of 1

Report Date: 21 Oct 2023

Report No: QEN23100356-03

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

: RO - II Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

RO - II Inlet Water

Sampling Date

: 16 Oct 2023

Reference

Sample Received on

: 18 Oct 2023

Sample Drawn By

Test Request Form Dated 16.10.2023

: Laboratory

Test Started on

: 18 Oct 2023

Sample Location

: RO - Plant - II

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem				
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	0.13

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

M. Sarethleumar Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611823000033964F

Page 1 of 1

Report No: QEN23100356-04

Report Date: 21 Oct 2023

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

RO Permeate Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

RO Permeate Water

Sampling Date

: 16 Oct 2023

Reference

Test Request Form Dated 16,10,2023

Sample Received on

: 18 Oct 2023

Sample Drawn By

: Laboratory : RO Plant Test Started on Test Completed on : 18 Oct 2023 : 21 Oct 2023

Sample Location Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	BLQ(LOQ:2.0)
2	Chloride as Cl	APHA 23rd Edition:4500 Cl B 2017	mg/L	26
3	COD	APIIA 23rd Edition:5220 B 2017	mg/L	BLQ(LOQ:4.0)
4	Cyanide as CN	APITA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(LOQ:0.1)
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/L	BI.Q(LOQ:0.03)
6	Phenolic compound (as C6H5OH)	APHA 23rd Edition:5530 A 2017	mg/l,	BLQ(LOQ:0.002)
7	Sulphate as SO4	APHA 23rd Edition:4500 SO4 E 2017	mg/L	13
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	BLQ(LOQ:1.0)
Physic	cal	· · · · · · · · · · · · · · · · · · ·		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9	pH value at 25°C	APHA 23rd Edition:4500 II+ - B 2017		7.72
10	Total Dissolved solids (Inorganic)	APHA 23rd Edition:2540 C 2017	mg/L	77
11	Total suspended solids (TSS)	APITA 23rd Edition:2540 D 2017	mg/L	BLQ(LOQ:2.0)
Trace	Metal Elements			
12	Соррет	IS 3025 (Part 65)	mg/L	BLQ(LOQ:0,003)
13	Lead	IS 3025 (Part 65)	mg/L	BLQ(LOQ:0.005)
14	Zinc	1S 3025 (Part 65)	mg/L	0.090

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

A. Manikandan

**** End of the Report *******/

M. Sarathkumar

Authorized Signatory-Chemical

Authorized Signatory - Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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TEST REPORT

Page 1 of 1

Report Date: 21 Oct 2023

Report No: QEN23100356-04

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

RO Permeate Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

RO Permeate Water

Sampling Date

: 16 Oct 2023

Reference

Test Request Form Dated 16.10.2023

Sample Received on

: 18 Oct 2023

Sample Drawn By

: Laboratory

Test Started on

: 18 Oct 2023

Sample Location

RO Plant

Test Completed on

: 21 Oct 2023

Sample Procedure

SMSLA/EN/SOP/001

TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Chem	nical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	BLQ(LOQ:0.05)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

M.C.J. M. Sarathkamar Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT



TC-6118

ULR - TC611823000033965F

Page 1 of 1

Report No: QEN23100356-05

Report Date: 21 Oct 2023

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

: RO Reject Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: RO Reject Water

Sampling Date

: 16 Oct 2023

Reference

: Test Request Form Dated 16.10.2023

Sample Received on

: 18 Oct 2023

Sample Drawn By

: Laboratory

Test Started on

: 18 Oct 2023

Sample Location

: RO Plant

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	230
2	Chloride as Cl	APHA 23rd Edition:4500 C1 B 2017	mg/L	3360
3	COD	APHA 23rd Edition:5220 B 2017	mg/L	1020
4	Cyanide as CN	APHA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(LOQ:0.1)
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	, mg/L	BLQ(I.OQ:0.03)
6	Phenolic compound (as C6II5OII)	APHA 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0.002)
7	Sulphate as SO4	APHA 23rd Edition:4500 SO4 E 2017	mg/L	1298
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	BLQ(LOQ:1.0)
Physic	cal	10		
9	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017		7.81
10	Total Dissolved solids (Inorganic)	APIIA 23rd Edition:2540 C 2017	mgЛ.	14820
11	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	164
Trace	Metal Elements	<u> </u>		
12	Copper	1S 3025 (Part 65)	mg/L	0.015
13	Lead	IS 3025 (Part 65)	mg/L	BLQ(LOQ:0.005)
14	Zinc	IS 3025 (Part 65)	mg/L	0.130

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

m | 4 mcee /******** End of the Report *********/ A. Manikandan Authorized Signatory-Chemical

Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruwallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT

Page 1 of 1

Report Date: 21 Oct 2023

Report No: QEN23100356-05

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore - 607005.

Sample Name

RO Reject Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: 16 Oct 2023

: RO Reject Water

Sampling Date

: 18 Oct 2023

Reference Sample Drawn By : Test Request Form Dated 16.10.2023

Sample Received on Test Started on

: Laboratory

: 18 Oct 2023

Sample Location

: RO Plant

Test Completed on

: 21 Oct 2023

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chen	nical			-
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	0.13

/***** End of the Report *********/

M. Sarathkumar Authorized Signatory-Chemical



TEST REPORT



ULR - TC611824000000812F

Report No: QEN24010013-13

Page 1 of 1

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

RO - II Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

RO - II Inlet Water

: 27 Dec 2023

Sampling Date

: 02 Jan 2024

Reference Sample Drawn By

Laboratory

Test Started on

: 03 Jan 2024

Sample Location

ETP Area

Test Completed on

Sample Received on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

Test Request Form Dated 26.12.2023

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	icat			
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	BLQ(LOQ:2,0)
2	Chloride as Cl	APIIA 23rd Edition:4500 CLB 2017	mg/l.	1409
3	con	APIIA 23rd Edition:5220 B 2017	mg/L	BLQ(1.OQ:4.0)
4	Cyanide as CN	APITA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(I.OQ:0.1)
5	Hexavalent Chromium as Cr6+	APIIA 23rd Edition:3500 Cr B 2017	mg/L	BLQ(LOQ:0.03)
6	Phenolic compound (as C6H5OH)	APHA 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0,002)
7	Sulphate as SO4	APIIA 23rd Edition:4500 SO4 E 2017	mg/L	543
8	Sulphide as S	APIIA 23rd Edition:4500 S F 2017	mg/L	BLQ(LOQ:1.0)
Physic	cal			
9	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017	**	6.10
10	Total Dissolved solids (Inorganic)	APHA 23rd Edition:2540 C 2017	mg/L	3490
11	Total suspended solids (TSS)	APIIA 23rd Edition:2540 D 2017	mg/I.	BLQ(LOQ:2.0)
Trace	Metal Elements			
12	Соррет	IS 3025 (Part 65)	mg/1.	BLQ(1.OQ:0.003)
13	1.ead	IS 3025 (Part 65)	mg/L	BL.Q(LOQ:0.005)
14	Zinc	1S 3025 (Part 65)	mg/L	0.095

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

atory - Chemical Jur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-13

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: RO - II Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: RO - II Inlet Water

Sampling Date

: 27 Dec 2023

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chen	nical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	BLQ(LOQ:0.05)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

Authorized Simutory-Chemical



TEST REPORT



ULR - TC611824000000813F

Page 1 of 1

Report No: QEN24010013-14

Report Date: 06 Jan 2024

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore, -607005.

Sample Name

; RO - II Permeate Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

Sampling Date

: RO - II Permeate Water

: 26 Dec 2023

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024 : 03 Jan 2024

Sample Identification Sample Drawn By

: Laboratory

Test Started on Test Completed on

Sample Location

: ETP Area

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO		Test Results	*1		As per TNPCI
S.NO	Parameter	Test Method	Unit	Results	Limit
Chem	ical	W			
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	BLQ(LOQ:2.0)	30 Max
2	Chloride as Cl	APHA 23rd Edition:4500 Cl B 2017	mg/L	22	1000 Max
3	COD	APHA 23rd Edition:5220 B 2017	mg/L	BLQ(LOQ:4.0)	250 Mux
4	Cyanide as CN	APHA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(LOQ:0.1)	0.2 Max
5	Hexavalent Chromium as Cr6+	APIIA 23rd Edition:3500 Cr B 2017	mg/1.	B1.Q(1.OQ:0.03)	0.1 Max
6	Phenolic compound (as C6H5OH)	APHA 23rd Edition:5530 A 2017	mg/l.	BLQ(LOQ:0.002)	1 Max
7	Sulphate as SO4	APHA 23rd Edition:4500 SO4 E 2017	mg/L	B1.Q(LOQ:1.0)	1000 Max
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	BLQ(1.OQ:1.0)	2 Max
Physic	cat				
9	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017	77	6.01	5.5 - 9.0
10	Total Dissolved solids	APHA 23rd Edition:2540 C 2017	mg/I;	54	
11	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	BLQ(1.OQ:2.0)	100 Max
Trace	Metal Elements			-	
12	Copper	1S 3025 (Part 65)	mg/l.	B1.Q(LOQ:0.003)	3 Мах
13	Lead	1S 3025 (Part 65)	mg/L	BLQ(LOQ:0.005)	0.1 Max
14	Zinc	IS 3025 (Part 65)	mg/L	0.138	1 Max

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Remarks: The Permeate Water Sample Conforms to the TNPCB Discharge limit for the Parameters tested above,

/******* End of the Report ********/ -

Authorized Signatory-Chemical

Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements, while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



TEST REPORT

Page 1 of 1 "

Report Date: 06 Jan 2024

Report No: QEN24010013-14

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: RO - II Permit Water

Sample Quantity

: I Ltr x 2 No's

Sample Description

Sampling Date

: 27 Dec 2023

RO - II Permit Water

Reference

Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	B1.Q(1.OQ:0.05)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/



TEST REPORT



ULR - TC611824000000814F

Page 1 of 1

Report No: QEN24010013-15

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: RO - I Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: RO - I Inlet Water

Sampling Date

: 27 Dec 2023

Reference

Sample Received on

: 02 Jan 2024

Sample Drawn By

: Test Request Form Dated 26.12.2023

Test Started on

: 03 Jan 2024

Sample Location

Laboratory : ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

s.no	Parameter	Test Method	Unit	Results	
Chem	ical				
1	BOD at 27°C for 3 days	1S 3025 (Part 44)	mg/L	3.5	
2	Chloride as Cl	APHA 23rd Edition:4500 CLB 2017	mg/L	222	
3	COD	APHA 23rd Edition:5220 B 2017	mg/l,	16	
4	Cyanide as CN	APIIA 23rd Edition:4500 CN C,E 2017	mg/L	BLQ(LOQ:0.1)	
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/1.	BLQ(LOQ:0.03)	
6	Phenolic compound (as C6115O11)	APIIA 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0.002)	
7	Sulphate as SO4	APIIA 23rd Edition:4500 SO4 E 2017	mg/L	691	
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/L	BLQ(1.OQ:1.0)	
Physic	cal				
9	pl1 value at 25°C	APIIA 23rd Edition:4500 H+ - B 2017		7.62	
10	Total Dissolved solids (Inorganic)	APIIA 23rd Edition:2540 C 2017	mg/L	2080	
11	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	B1.Q(1.OQ:2.0)	
Trace	Metal Elements				
12	Copper	IS 3025 (Part 65)	mg/L	800,0	
13	1.ead	IS 3025 (Part 65)	mg/L	BLQ(LQQ:0.005)	
14	Zinc	IS 3025 (Part 65)	mg/L	0.209	

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Authorized Signatory-Chemical

** End of the Report ***

Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-15

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: RO - I Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

Sampling Date

: 27 Dec 2023

: RO - 1 Inlet Water

Reference

Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

: Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chen	nical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	BLQ(LOQ:0.05)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification,

/****** End of the Report ********/

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT



TC-6118

ULR - TC611824000000815F

Page 1 of 1

Report No : QEN24010013-16

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: RO - II Reject Water

Sample Quantity

: I Ltr x 2 No's

Sample Description

Sampling Date

: 27 Dec 2023

Reference

: RO - Il Reject Water

Sample Received on

: 02 Jan 2024

Sample Drawn By

Test Request Form Dated 26.12,2023

Test Started on

: 03 Jan 2024

Sample Location

: Laboratory : ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical	9		
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	26
2	Chloride as Cl	APHA 23rd Edition:4500 CLB 2017	mg/l.	3991
3	COD	APHA 23rd Edition:5220 B 2017	mg/L	114
4	Cyanide as CN	APHA 23rd Edition:4500 CN C _s E 2017	mg/L	BLQ(LOQ:0.1)
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/L	BLQ(LOQ:0,03)
6	Phenotic compound (as C6115O11)	AP11A 23rd Edition:5530 A 2017	mg/L	BLQ(LOQ:0.002)
7	Sulphate as SO4	APHA 23rd Edition:4500 SO4 E 2017	mg/L	1298
8	Sulphide as S	AP11A 23rd Edition:4500 S F 2017	mg/L	BLQ(LOQ:1.0)
Physi	cul			
9	pH value at 25°C	APILA 23rd Edition:4500 II+ - B 2017	-	6.57
10	Total Dissolved solids (Inorganic)	APIIA 23rd Edition:2540 C 2017	mg/L	7930
11	Total suspended solids (TSS)	APIIA 23rd Edition:2540 D 2017	mg/L	BLQ(LOQ:2.0)
Trace	Metal Elements			
12	Copper	IS 3025 (Part 65)	mg/L	0.010
13	1.ead	IS 3025 (Part 65)	mg/L	BLQ(I.OQ:0.005)
14	Zinc	IS 3025 (Part 65)	mg/L	0.113

Note : BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

M. Sarathkumer

Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-16

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

RO - II Reject Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: RO - II Reject Water

Sampling Date

: 27 Dec 2023

Reference

Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical	- M		
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	BLQ(LOQ:0.05)

Note: BLO: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT



ULR - TC611824000000816F

Page 1 of 1

Report No : QEN24010013-17

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005,

Sample Name

: ETP Inlet Water

Sample Quantity

: 1 Lir x 2 No's

Sample Description

: ETP Inlet Water

Sampling Date

: 27 Dec 2023

Reference

Sample Received on

: 02 Jan 2024

Sample Drawn By

Test Request Form Dated 26.12.2023 Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

TEST RESULTS					
S.NO	Parameter	Test Method	Unit	Results	
Chem	ical				
1	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	38	
2	Chloride as CI	APIIA 23rd Edition:4500 CLB 2017	mg/L	99	
3	COD	APHA 23rd Edition:5220 B 2017	mg/L	165	
4	Cyanide as CN	APHA 23rd Edition:4500 CN C,E 2017	mg/L	B1,Q(1.OQ:0,1)	
5	Hexavalent Chromium as Cr6+	APHA 23rd Edition:3500 Cr B 2017	mg/L	BLQ(LOQ:0.03)	
6	Phenolic compound (as C6H5OH)	APIIA 23rd Edition;5530 A 2017	mg/L	BLQ(LOQ:0.002)	
7	Sulphate as SO4	APIIA 23rd Edition:4500 SO4 E 2017	mg/l.	2136	
8	Sulphide as S	APHA 23rd Edition:4500 S F 2017	mg/l.	BLQ(LOQ:1.0)	
Physic	cal				
9	pl1 value at 25°C	APHA 23rd Edition:4500 H+ - B 2017		1.68	
10	Total Dissolved solids (Inorganic)	APIIA 23rd Edition:2540 C 2017	mg/L	15048	
П	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	.mg/L	2,6	
Trace	Metal Elements			Vic - 2000	
12	Copper	IS 3025 (Part 65)	mg/L	0.013	
13	Lead	IS 3025 (Part 65)	mg/L	0.025	
14	Zinc	IS 3025 (Part 65)	mg/L	0.188	

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

A. Manikandan Authorized Signatory-Chemica!

/******** End of the Report *********/

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



TEST REPORT

Page I of I

Report Date: 06 Jan 2024

Report No: QEN24010013-17

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: ETP Inlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: 27 Dec 2023

: ETP Inlet Water

Sampling Date

Reference Sample Drawn By : Test Request Form Dated 26.12.2023

Sample Received on Test Started on

: 02 Jan 2024 : 03 Jan 2024

: Laboratory

Sample Location

: ETP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Cher	nical			
1	Phosphate as PO4	APHA 23rd Edition:4500 P B, D: 2017	mg/L	0.23

/******** End of the Report ********/



Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road, Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657





TEST REPORT

SAMPLE CODE NO.

EWW2306-972

REPORT DATE

27.06.2023

REPORT NO.

ECAR2306-972

SAMPLE DRAWN BY

Courier

ULR NO.

C-573023000000374F

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED,

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

ETP Inlet

QUANTITY OF SAMPLE RECID

1*2 Liters

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECEIVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Parameters Test Method		Unit	
1.	pH @ 25°C	APHA 23 rd Edition 2017, 4500 H ⁺ B	4.41		
2.	Total Dissolved Solids	APHA 23 rd Edition 2017, 2540 C	21,349	mg/L	
3.	Total Suspended Solids	APHA 23 rd Edition 2017, 2540 D	144	mg/L	
4.	Chloride as Cl	APHA 23 rd Edition 2017, 4500 Cl B	399	mg/L	
5.	Sulphate as SO ₄	APHA 23 rd Edition 2017, 4500 SO ₄ E	2316	mg/L	
6.	Chemical Oxygen Demand	APHA 23 rd Edition 2017, 5220 B	49,920	mg/L	
7.	Lead as Pb	APHA 23 rd Edition 2017, 3114 B	0.69	mg/L	
8.	Copper as Cu	APHA 23 rd Edition 2017,3111 B	0.09	mg/L	
9.	Zinc as Zn	APHA 23 rd Edition 2017, 3111 B	0.84	mg/L	
	Total Phosphorus as PO ₄	APHA 23rd Edition 2017, 4500 P D	6.42	mg/L	
	Hexavalent Chromium as Cr ⁶⁺	APHA 23rd Edition 2017, 3500 Cr B	BDL[DL:0.05]	mg/L	

Note: NA:-Not Applicable; BDL:-Below Detection Limit; DL:-Detection Limit

Verified by: (Ishwarya)



For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory N.Priyanka-Tech.Manager

1. The test results relate only to the items tested.

NOTE:

2. The test report shall not be reproduced anywhere except in full and in the same format without the permission of the laboratory.

3. Unless informed by customer, the test items will not be retained for more than 7 days from the date of issue of the test report.

End of Report



Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road, Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657







TEST REPORT

SAMPLE CODE NO.

EWW2306-977

REPORT DATE

27.06.2023

REPORT NO.

ECAR2306-977

SAMPLE DRAWN BY

Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED,

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

ETP Inlet

QUANTITY OF SAMPLE REC'D

1*2 Ltrs

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECIEVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Test Method		Unit	
1.	Biochemical Oxygen Demand 3 days @ 27°C*	APHA 23 rd Edition 2017, 5210 B	14,400	mg/L	
2.	Sulphide as S ^{2-*}	APHA 23 rd Edition 2017, 4500 S ²⁻ F	BDL[DL:0.5]	mg/L	
3.	Cyanide as CN**	IS:3025 (Part-27)	Absent	mg/L	
4.	Phenolic Compounds as C ₆ H ₅ OH*	APHA 23 rd Edition 2017, 5530 D	0.58	mg/L	

Note: NA:-Not Applicable; BDL-Below Detection Limit; DL- Detection Limit *:- Non-Scope Parameter; **:-Subcontracted Parameters

Verified by:(Ishwarya)

For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory N.Priyanka-Tech.Manager

NOTE:

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End of Report



Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road,

Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91- 044 - 2247 9809 / 2247 0206 E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657





TEST REPORT

SAMPLE CODE NO.

EWW2306-976

REPORT DATE

27.06.2023

REPORT NO.

E¢AR2306-976

SAMPLE DRAWN BY

Courier

ULR NO.

T¢-573023000000378F

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED.

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO Reject

QUANTITY OF SAMPLE REC'D

1*2 Liters

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

20.06.2023

SAMPLE RECEIVED ON TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Parameters Test Method		Unit
1.	pH @ 25°C	APHA 23 rd Edition 2017, 4500 H ⁺ B	7.69	
2.	Total Dissolved Sol ds	APHA 23 rd Edition 2017, 2540 C	11,993	mg/L
_3.	Total Suspended Solids	APHA 23 rd Edition 2017, 2540 D	29.0	mg/L
4.	Chloride as Cl	APHA 23 rd Edition 2017, 4500 Cl ⁻ B	4123	mg/L
5.	Sulphate as SO ₄	APHA 23 rd Edition 2017, 4500 SO ₄ E	2230	mg/L
6.	Chemical Oxygen Deman		308	mg/L
7.	Lead as Pb	APHA 23 rd Edition 2017, 3114 B	0.37	mg/L
8.	Copper as Cu	APHA 23 rd Edition 2017,3111 B	BDL[DL:0.02]	mg/L
9.	Zinc as Zn	APHA 23 rd Edition 2017, 3111 B	BDL[DL:0.02]	mg/L
10.	Total Phosphorus as PO ₄	APHA 23rd Edition 2017, 4500 P D	0.07	mg/L
<u> 11.</u>	Hexavalent Chromium as	Cr ⁶⁺ APHA 23rd Edition 2017, 3500 Cr B	BDL[DL:0.05]	mg/L

Note: NA:-Not Applicable; BDL:-Below Detection Limit; DL:-Detection Limit

Verified by: (Ishwarya)

For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory N.Priyanka-Tech.Manager

NOTE:

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3. Unless informed by customer, the test items will not be retained for more than 7 days from the date of issue of the test report.

End of Report



Eau Chemical (Mfg) Pvt. Ltd. Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road, Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206 E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657







TEST REPORT

SAMPLE CODE NO. REPORT NO.

EWW2306-981

ECAR2306-981

REPORT DATE

27.06.2023

SAMPLE DRAWN BY

Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED.

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO Reject

QUANTITY OF SAMPLE REC'D

1*2 Ltrs

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECIEVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Test Method	Result	Unit
1.	Biochemical Oxygen Demand 3 days @ 27°C*	APHA 23 rd Edition 2017, 5210 B	45.0	mg/L
2.	Sulphide as S ^{2-*}	APHA 23 rd Edition 2017, 4500 S ²⁻ F	BDL[DL:0.5]	mg/L
3.	Cyanide as CN**	IS:3025 (Part-27)	Absent	mg/L
4.	Phenolic Compounds as C ₆ H ₅ OH*	APHA 23 rd Edition 2017, 5530 D	BDL[DL:0.1]	mg/L

Note: NA:-Not Applicable; BDL-Below Detection Limit; DL- Detection Limit *:- Non-Scope Parameter; **:-Subcontracted Parameters

Verified by:(Ishwarya)



For Eau Chemical (Mfg) Pvt. Ltd

Authorized signator N.Priyanka-Tech.Manager

NOTE:

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3. Unless informed by customer, the test items will not be retained for more than 7 days from the date of issue of the test report.

End of Report



Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road,

Keelkattalai, Chennai - 600 117, Tamii Nadu,India. Phone: +91-044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657





TEST REPORT

SAMPLE CODE NO.

EWW2306-975

REPORT DATE

27.06.2023

REPORT NO.

ECAR2306-975

SAMPLE DRAWN BY

Courier

ULR NO.

TC-573023000000377F

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED,

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO Permeate

QUANTITY OF SAMPLE REC'D

1*2 Liters

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECEIVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Parameters Test Method		Unit
1.	pH @ 25°C	APHA 23 rd Edition 2017, 4500 H ⁺ B	6.60	
2.	Total Dissolved Solids	APHA 23 rd Edition 2017, 2540 C	285	mg/L
3.	Total Suspended Solids	APHA 23 rd Edition 2017, 2540 D	BDL[DL:2.0]	mg/L
4.	Chloride as Cl	APHA 23 rd Edition 2017, 4500 Cl B	130	mg/L
5.	Sulphate as SO ₄	APHA 23 rd Edition 2017, 4500 SO ₄ E	18.3	mg/L
6.	Chemical Oxygen Demand	APHA 23 rd Edition 2017, 5220 B	12.5	mg/L
7.	Lead as Pb	APHA 23 rd Edition 2017, 3114 B	BDL[DL:0.02]	mg/L
8.	Copper as Cu	APHA 23 rd Edition 2017,3111 B	BDL[DL:0.02]	mg/L
9.	Zinc as Zn	APHA 23 rd Edition 2017, 3111 B	0.07	mg/L
10.	Total Phosphorus as PO ₄	APHA 23rd Edition 2017, 4500 P D	BDL[DL:0.05]	mg/L
11.	Hexavalent Chromium as Cr ⁶⁺	APHA 23rd Edition 2017, 3500 Cr B	BDL[DL:0.05]	mg/L

Note: NA:-Not Applicable; BDL:-Below Detection Limit; DL:-Detection Limit

Verified by: (Ishwarya)

MFG CHENNAI

For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory N.Priyanka-Tech.Manager

NOTE:

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3. Unless informed by customer, the test items will not be retained for more than 7 days from the date of issue of the test report.

End of Report



Eau Chemical (Mfg) Pvt. Ltd. Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road,

Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657







TEST REPORT

SAMPLE CODE NO. REPORT NO.

EWW2306-980

ECAR2306-980

REPORT DATE

SAMPLE DRAWN BY

27.06.2023 Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED,

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore – 5.

SAMPLE MARK

: RO Permeate

QUANTITY OF SAMPLE REC'D

1*2 Ltrs

SAMPLING METHOD

. NA

SAMPLE COLLECTED ON

NΑ

SAMPLE RECIEVED ON

: 20.06.2023

TEST COMMENCED ON

: 20.06.2023

TEST COMPLETED ON

: 26.06.2023

S.No	Parameters Test Method		Result	Unit	
1.	Biochemical Oxyger Demand 3 days @ 27°C*	APHA 23 rd Edition 2017, 5210 B	BDL[DL:2.0]	mg/L	
2.	Sulphide as S ^{2-*}	APHA 23 rd Edition 2017, 4500 S ²⁻ F	BDL[DL:0.5]	mg/L	
3.	Cyanide as CN**	IS:3025 (Part-27)	Absent	mg/L	
4.	Phenolic Compounds as C ₆ H ₅ OH*	APHA 23 rd Edition 2017, 5530 D	BDL[DL:0.1]	mg/L	

Note: NA:-Not Applicable; BDL-Below Detection Limit; DL- Detection Limit
*:- Non-Scope Parameter; **:-Subcontracted Parameters

Verified by:(Ishwarya)

CHENNAI 600 117.

For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory N.Priyanka-Tech.Manager

<u>NOTE:</u>

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End of Report



Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road, Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206 E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657





TEST REPORT

SAMPLE CODE NO.

EWW2306-974

REPORT DATE

27.06.2023

REPORT NO.

ECAR2306-974

SAMPLE DRAWN BY

ULR NO.

TC-573023000000376F

Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED.

Address: Asian Paints Limited.

Penta Division B5-B10, SIPCOT Industrial Complex.

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO-II Inlet

QUANTITY OF SAMPLE REC'D

1*2 Liters

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECEIVED ON

20.06.2023 20.06.2023

TEST COMMENCED ON TEST COMPLETED ON

26.06.2023

S.No	Parameters	Test Method	Result	Unit
1.	pH @ 25°C	APHA 23 rd Edition 2017, 4500 H ⁺ B	7.48	
2.	Total Dissolved Solids	APHA 23 rd Edition 2017, 2540 C	5409	mg/L
3.	Total Suspended Solids	APHA 23 rd Edition 2017, 2540 D	15.0	mg/L
4.	Chloride as Cl	APHA 23 rd Edition 2017, 4500 Cl ⁻ B	1679	mg/L
5.	Sulphate as SO ₄	APHA 23 rd Edition 2017, 4500 SO ₄ E	1039	mg/L
6.	Chemical Oxygen Demand	APHA 23 rd Edition 2017, 5220 B	204	mg/L
7.	Lead as Pb	APHA 23 rd Edition 2017, 3114 B	0.18	mg/L
8.	Copper as Cu	APHA 23 rd Edition 2017,3111 B	BDL[DL:0.02]	mg/L
9.	Zinc as Zn	APHA 23 rd Edition 2017, 3111 B	0.06	mg/L
10.	Total Phosphorus as PO ₄	APHA 23rd Edition 2017, 4500 P D	0.25	mg/L
11.	Hexavalent Chromium as Cr	6+ APHA 23rd Edition 2017, 3500 Cr B	BDL[DL:0.05]	mg/L

Note: NA:-Not Applicable; BDL:-Below Detection Limit; DL:-Detection Limit

Verified by: (Ishwarya)

CHENNAI 600 117.

For Eau Chemical (Mfg) Pvt. Ltd

N.Priyanka -Tech.Manager

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End of Report



Eau Chemical (Mfg) Pvt. Ltd. **Laboratory Service Division**

Eguchem Towers, Plot No. 90-A, Ambal Nagar Main Road,

Keelkattalai, Chennai - 600 117, Tamil Nadu,India. Phone: +91- 044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657







TEST REPORT

SAMPLE CODE NO.

EWW2306-979

REPORT DATE

27.06.2023

REPORT NO.

ECAR2306-979

SAMPLE DRAWN BY

Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED,

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO II Inlet

QUANTITY OF SAMPLE REC'D

1*2 Ltrs

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECIEVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Test Method	Result	Unit
1.	Biochemical Oxygen Demand 3 days @ 27°C*	APHA 23 rd Edition 2017, 5210 B	21.0	mg/L
2.	Sulphide as S ^{2-*}	APHA 23 rd Edition 2017, 4500 S ²⁻ F	BDL[DL:0.5]	mg/L
3.	Cyanide as CN**	IS:3025 (Part-27)	Absent	mg/L
4.	Phenolic Compounds as C ₆ H ₅ OH*	APHA 23 rd Edition 2017, 5530 D	BDL[DL:0.1]	mg/L

Note: NA:-Not Applicable; BDL-Below Detection Limit; DL- Detection Limit *:- Non-Scope Parameter; **:-Subcontracted Parameters

Verified by: (Ishwarya)

NOTE:



For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory

N.Priyanka-Tech.Manager

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End of Report



Laboratory Service Division

Eauchem Towers, Plot No. 90-A, Ambal Nagar Main Road, Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657





TEST REPORT

SAMPLE CODE NO.

EWW2306-973

REPORT DATE

27.06.2023

REPORT NO.

ECAR2306-973

SAMPLE DRAWN BY

ULR NO.

TC-573023000000375F

Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED.

Address: Asian Paints Limited.

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO-I Inlet

QUANTITY OF SAMPLE REC'D

1*2 Liters

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECEIVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters	Test Method	Result	Unit
1.	pH @ 25°C	APHA 23 rd Edition 2017, 4500 H ⁺ B	7.28	
2.	Total Dissolved Solids	APHA 23 rd Edition 2017, 2540 C	4122	mg/L
3.	Total Suspended Solids	APHA 23 rd Edition 2017, 2540 D	12.0	mg/L
4	Chloride as Cl	APHA 23 rd Edition 2017, 4500 Cl ⁻ B	1010	mg/L
<u>5.</u>	Sulphate as SO ₄	APHA 23 rd Edition 2017, 4500 SO ₄ E	877	mg/L
6.	Chemical Oxygen Demand	APHA 23 rd Edition 2017, 5220 B	141	mg/L
7	Lead as Pb	APHA 23 rd Edition 2017, 3114 B	0.18	mg/L
8.	Copper as Cu	APHA 23 rd Edition 2017,3111 B	BDL[DL:0.02]	mg/L
9.	Zinc as Zn	APHA 23 rd Edition 2017, 3111 B	0.32	mg/L
10.	Total Phosphorus as PO ₄	APHA 23rd Edition 2017, 4500 P D	0.08	mg/L
11.	Hexavalent Chromium as Cr ⁶⁺	APHA 23rd Edition 2017, 3500 Cr B	BDL[DL:0.05]	mg/L

Note: NA:-Not Applicable; BDL:-Below Detection Limit; DL:-Detection Limit

Verified by:(Ishwarya)



For Eau Chemical (Mfg) Pvt. Ltd

Authorized\signator N.Privanka - Tech. Manager

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End of Report



Eau Chemical (Mfg) Pvt. Ltd. **Laboratory Service Division**

Equchem Towers, Plot No. 90-A, Ambal Nagar Main Road,

Keelkattalai, Chennai - 600 117, Tamil Nadu,India.

Phone: +91-044 - 2247 9809 / 2247 0206

E-Mail: lab@eauchem.com / hr@eauchem.com

Website: www.eauchem.com CIN: U24111TN2000PTCO45657







TEST REPORT

SAMPLE CODE NO. REPORT NO.

EWW2306-978

REPORT DATE

27.06.2023

ECAR2306-978

SAMPLE DRAWN BY

Courier

COMPANY NAME & ADDRESS

ASIAN PAINTS LIMITED,

Address: Asian Paints Limited,

Penta Division B5-B10, SIPCOT Industrial Complex,

Kudikadu, Cuddalore - 5.

SAMPLE MARK

RO-I Inlet

QUANTITY OF SAMPLE REC'D

1*2 Ltrs

SAMPLING METHOD

NA

SAMPLE COLLECTED ON

NA

SAMPLE RECIEVED ON

20.06.2023

TEST COMMENCED ON

20.06.2023

TEST COMPLETED ON

26.06.2023

S.No	Parameters Test Method		Result	Unit
1.	Biochemical Oxygen Demand 3 days @ 27°C*	APHA 23 rd Edition 2017, 5210 B	16.0	mg/L
2.	Sulphide as S ²⁻ *	APHA 23 rd Edition 2017, 4500 S ²⁻ F	BDL[DL:0.5]	mg/L
3.	Cyanide as CN**	IS:3025 (Part-27)	Absent	mg/L
4.	Phenolic Compounds as C ₆ H ₅ OH*	APHA 23 rd Edition 2017, 5530 D	BDL[DL:0.1]	mg/L

Note: NA:-Not Applicable; BDL-Below Detection Limit; DL- Detection Limit *:- Non-Scope Parameter; **:-Subcontracted Parameters

Verified by: (Ishwarya)



For Eau Chemical (Mfg) Pvt. Ltd

Authorized signatory N.Priyanka-Tech.Manager

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M/s. Asian Paints Limited - Penta Division Consolidated Report of Analysis - Noise - External Lab

		Noise Level dB(A)				CPCB Standards
S.No.	Location		Day Time			
5.110.	Location	04.07.2023	23.08.2023	06.01.2024	22.03.2024	(Industrial Area) Leq dB(A)
1	Near Northern Side Compound Wall	60.1	70.7	65.5	65.5	
2	Near North East Side Compound Wall	70.3	70.3	60.8	60.8	
3	Near Eastern Side Compound Wall	62.0	70.2	63.5	63.5	
4	Near ETP	69.4	73.9	68.4	68.4	
5	Near Southern Side Compound Wall	52.5	58.3	54.7	54.7	
6	Near Main Gate	60.4	54.9	64.1	64.1	75 dB(A)
7	Near Western Side Compound Wall	61.2	57.3	62.3	62.3	
8	Near Vehicle Shed	60.3	70.6	67	67	
9	Near Old Gate	60.5	71.8	62.6	62.6	
10	Near North Eastern Side Compund Wall	59.3	57.2	-	-	
11	Near South East Compound Wall	-	-	65.8	65.8	



TEST REPORT



TC-6118

ULR - TC611823000026647F

Report No: QEN23080327-03

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Noise

Sample Description

: Ambient Noise

Sampling Date

: 17 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Sample Procedure

: IS 9989

TEST RESULTS

SI. No	Location	Noise Level dB (A)	CPCB Standards (Industrial Area) For Noise in Leq dB (A)
22, 1.0	200000	Day Time	Day Limit
1	Near Northern Side Compound Well	70.7	
2	Near North East Side Compound Well	70.3	
3	Near Eastern Side Compound Well	70.2	
4	Near ETP	73.9	
5	Near Southern Side Compound Well	58.3	
6	Near Main Gate	54.9	75 dB (A)
7	Near Western Side Compound Well	57.3	# _ # ₂
8	Near Vehicle Shed	70.6	
9	Near Old Gate	71.8	
10	Near North Eastern Side Compound Well	57.2	

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested locations.

/******* End of the Report *********/





TEST REPORT



TC-6118

ULR - TC611824000000777F Report No: QEN24010013-03 Page 1 of 1

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient Noise (Day & Night)

Sampling Date

: 26 Dec 2023

Sample Description : Ambient Noise (Day & Night)

Sample Received on

: 02 Jan 2024

Reference

Test Request Form Dated 26.12.2023

Sample Drawn By

: Laboratory

Sample Procedure

: IS 9989

TEST RESULTS

SI. No	Location	Noise Level dB (A)	CPCB Standards (Industrial Area) For Noise in Leq dB (A)
011110	300000	Day Time	Day Limit
1	Near Northern Side Compound Wall	65.5	
2	Near East Side Compound Wall	63.5	
3	Near North East Side Compound Wall	60.8	
4	Near ETP	68.4	
5	Near Southern Side Compound Wall	54.7	75 JD (A)
6	Near Main Gate	64.1	75 dB (A)
7	Near Western Side Compound Wall	62.3	
8	Near Vehicle Shed	67.0	
9	Near Old Gate	62.6	
10	Near South East Compound Wall	65.8	

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested Locations.

/****** End of the Report ********/

Authorized Signatory-Chemical



TEST REPORT



TC-6118

ULR - TC611824000013566F Report No: QEN24030396-03 Page 1 of 1

Report Date: 22 Mar 2024

: 15 Mar 2024

: 18 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sampling Date

Sample Received on

Sample Name

: Ambient Noise Level Monitoring (Day)

Sample Description

: Ambient Noise Level Monitoring (Day) Test Request Form Dated 15.03.2024

Sample Drawn By

Reference

: Laboratory

Sample Procedure

: IS 9989

TEST RESULTS

SI. No	Location	Noise Level dB (A)	CPCB Standards (Industrial Area) For Noise in Leq dB (A)
	~~~~	Day Time	Day Limit
1.	Near Northern Side Compound Wall	65.5	
2	Near East Side Compound Wall	63.5	
3	Near North East Side Compound Wall	60.8	
4	Near ETP	68.4	
5	Near Main Gate	54.7	75 10 (1)
6	Near Southern Side Compound Wall	64.1	75 dB (A)
7	Near Western Side Compound Wall	62.3	
8	Near Vehicle Shed	. 67.0	
9	Near Old Gate	62.6	
10	Near South East Compound Wall	65.8	

Conclusion : The above tested Sample Conforms to the CPCB Standards for the above tested Locations.

/******* End of the Report ********/

**Authorized Signatory-Chemical** 



## **TEST REPORT**



TC-6118

ULR - TC611823000019997F

Page 1 of 1 Report Date: 04 Jul 2023

Report No: QEN23060493-03

: M/s. Asian Paints Limited. (Penta Division)

Customer Name Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Noise

Sampling Date

: 27 Jun 2023

Sample Description

: Ambient Noise

Sample Received on

: 29 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Drawn By

: Laboratory

Sample Procedure

: IS 9989

### **TEST RESULTS**

SI. No	Location	Noise Level dB (A)	CPCB Standards (Industrial Area) For Noise in Leq dB (A)
22010		Day Time	Day Limit
I	Near Northern Side Compound Well	60.1	
2	Near North East Side Compound Well	70.3	
3	Near Eastern Side Compound Well	62.0	
4	Near ETP	69.4	
5	Near Southern Side Compound Well	52.5	75 ID (A)
6	Near Main Gate	60.4	75 dB (A)
7	Near Western Side Compound Well	61.2	
8	Near Vehicle Shed	60.3	*
9	Near Old Gate	60.5	
10	Near North Eastern Side Compound Well	59.3	

Conclusion: The above tested Sample Conforms to the CPCB Standards for the above tested locations.

/****** End of the Report ********/

Senior Chemist

### M/s. Asian Paints Limited - Penta Division

## Consolidated Report of Analysis - All Process Stack - External Lab

S.No.	Date	Location	Acetaldehyde	Formaldehyde	Methanol.	Particulate Matter	Velocity	Volume of Gas Discharged
			mg/m ³	mg/m ³	mg/m ³	mg/Nm ³	m/s	Nm³/Hr
1	04.07.2023	DI Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	18.3	9.1	231
2	04.07.2023	Mono Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	14.7	7.5	639
3	04.07.2023	Fluedised Bed Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	17	10.6	4271
4	04.07.2023	Sodium Formate Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	16	13.4	3170
5	23.08.2023	DI Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	16.2	10.6	225
6	23.08.2023	Mono Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	14.1	10.6	924
7	23.08.2023	Fluedised Bed Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	19	11.1	3661
8	23.08.2023	Sodium Formate Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	17.4	11.2	2168
9	06.01.2024	DI Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	15.8	10.3	211
10	06.01.2024	Mono Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	15.3	10.8	1069
11	06.01.2024	Fluedised Bed Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	18.4	11.4	4593
12	06.01.2024	Sodium Formate Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	18.0	10.9	2595
13	22.03.2024	DI Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	15.1	10.5	276
14	22.03.2024	Mono Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	14.9	10.9	1075
15	22.03.2024	Fluedised Bed Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	18.7	11.2	293
16	22.03.2024	Sodium Formate Dryer	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	BLQ (LOQ:0.1)	17.2	10.7	2555

**Note:** BLQ – Below Limit of Quantification

LOQ – Limit of Quantification



## TEST REPORT



ULR - TC611823000020002F

Page 1 of 1

Report No: QEN23060493-07

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

Test Started on

: 29 Jun 2023

Sample Location

: Laboratory

: Mono Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.2 m Ambient Temperature

:34°C

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	rical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	14.7
2	Velocity	EPA 1-3	m/s	7.5
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	639
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/



### TEST REPORT

Page 1 of 1

Report Date: 04 Jul 2023

Report No: QEN23060493-07

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Test Started on

: 29 Jun 2023

Sample Drawn By

: Laboratory

Sample Location

: Mono Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.2 m

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldehy		NIONI 2520	1	DI OZ OGAN
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

Senior Chemist



## **TEST REPORT**



ULR - TC611823000020004F

Page 1 of 1

Report No: QEN23060493-08

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Reference

: 29 Jun 2023

Sample Drawn By

: Laboratory

Test Started on

Sample Location

: Fluedised Bed Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m)

: 0.4 m

Ambient Temperature

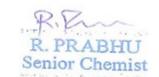
:34°C

### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	17.0
2	Velocity	EPA 1-3	m/s	10.6
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	4271
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/





### **TEST REPORT**

Page 1 of 1

Report Date: 04 Jul 2023

Report No: QEN23060493-08

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

Test Started on

: 29 Jun 2023

Sample Location

: Laboratory

: Fluedised Bed Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m)

: 0.4 m

Ambient Temperature

:34°C

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
i	Acetaldehyde	NIOSH - 2539	mg/m²	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/



## TEST REPORT



TC-6118

ULR - TC611823000026650F

Report No: QEN23080327-06

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

Test Completed on

: D1 Dryer

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.1 m Ambient Temperature

:34°C

TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Chen	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	16.2
2	Velocity	EPA 1-3	m/s	10.6
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	225
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report *********/



### **TEST REPORT**

Page 1 of 1

Report Date: 23 Aug 2023

Report No: QEN23080327-06

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

: Laboratory

Test Started on

Sample Drawn By

: 19 Aug 2023

Sample Location

: D1 Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.1 m

TEST RESULTS

			70	
s.no	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLO(LOO:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

Senior Chemist



### TEST REPORT



TC-6118

ULR - TC611823000026651F

Report No: QEN23080327-07

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

: Sodium Formate Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.3 m

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chen	nical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	17.4
2	Velocity	EPA 1-3	m/s	11.2
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	2168
Volat	ile Organic Compounds		•	
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0,1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/



#### TEST REPORT

Page 1 of 1

Report Date: 23 Aug 2023

Report No: QEN23080327-07

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

: Sodium Formate Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.3 m

Ambient Temperature

:34°C

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

K.PRAKASH Senior Chemist



# **TEST REPORT**



TC-6118

ULR - TC611823000026652F

Report No: QEN23080327-08

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

: Mono Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.2 m

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	nical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	14.1
2	Velocity	EPA 1-3	m/s	10.6
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	924
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.





#### TEST REPORT

Page 1 of 1

Report Date: 23 Aug 2023

Report No: QEN23080327-08

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Test Started on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Sample Location

: Mono Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.2 m

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

Senior Chemist



### TEST REPORT



TC-6118

ULR - TC611823000026653F

Page 1 of 1

Report No: QEN23080327-09

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

Test Started on

: 19 Aug 2023

Sample Location

: Laboratory : Fluedised Bed Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature :34°C

Diameter of Stack (m) : 0.4 m

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	19.0
2	Velocity	EPA 1-3	m/s	11.1
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	3661
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.



#### TEST REPORT

Page 1 of 1

Report Date: 23 Aug 2023

Report No: QEN23080327-09

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 19 Aug 2023

Sample Location

: Fluedised Bed Dryer

Test Completed on

: 23 Aug 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

: 0.4 m Diameter of Stack (m)

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldeh	iydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.



# **TEST REPORT**



TC-6118

ULR - TC611824000000780F

Page I of I

Report No: QEN24010013-06

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

Sample Drawn By

: Laboratory

Test Started on

Sample Location

; D1 Dryer

Test Completed on

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.1 m

Ambient Temperature

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	15.8
2	Velocity	EPA 1-3	m/s	10.3
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	211
Volati	le Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	B1.Q(1.OQ:0.1)

Note: BLQ: Below Limit of Quantification, LOQ: Limit of Quantification,

/******** End of the Report *********/

A. Manikandan Authorized Signatory-Chemical Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



### TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-06

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

: Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: D1 Dryer

Sample Procedure

Test Completed on

: 06 Jan 2024

Diameter of Stack (m) : 0.1 m

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

: 34°C

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldel	iydes			
1	Acetaldehyde	NIOS11 - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

fim smcee A. Manikandan Authorized Signatory-Chemical



### TEST REPORT



TC-6118

ULR - TC611824000000781F

Page Lof I

Report No: QEN24010013-07

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

Sample Drawn By

: Laboratory

Test Started on

Sample Location

: Sodium Formate Dryer

Test Completed on

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

. 10 11255 66 51115

Ambient Temperature

Diameter of Stack (m) : 0.3 m

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	18.0
2	Velocity	EPA 1-3	m/s	10.9
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	2595
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

A. Manikandan

Authorized Signatory-Chemical

M. Sarathkuiner
Authorized Skenetory-Chemical



#### TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-07

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

Test Request Form Dated 26.12.2023

: 02 Jan 2024

Sample Received on

Sample Drawn By

Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: Sodium Formate Dryer

Test Completed on

: 06 Jan 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.3 m

Ambient Temperature

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldel	iydes			
1	Acetaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

a) implance A. Manikandan Authorized Signatory-Chemical



# TEST REPORT



TC-6118

ULR - TC611824000000782F

Page I of I

Report Date: 06 Jan 2024

Report No: QEN24010013-08

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Name Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

: Laboratory

Test Started on

: 03 Jan 2024

Sample Location

Test Completed on

: 06 Jan 2024

: Mono Dryer : IS 11255 & SMSLA/EN/SOP/017

Sample Procedure

Diameter of Stack (m) ; 0.2 m

Ambient Temperature

: 34°C

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	15.3
2	Velocity	EPA 1-3	m/s	10.8
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	1069
Volat	ile Organic Compounds			
4	Methanol	SMS1.A/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report *********/ .

A. Manikandan Authorized Signatory-Chemical



### TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-08

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

: Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Sample Drawn By

Laboratory

Test Started on

: 03 Jan 2024

Sample Location

: Mono Dryer

Test Completed on

: 06 Jan 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.2 m

Ambient Temperature

: 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldchyde	NIOSII - 2539	mg/m³	BLQ(1.OQ:0,1)
2	Formaldchyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/



# TEST REPORT



TC-6118

ULR - TC611824000000783F

Page 1 of 1

Report No: QEN24010013-09

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring .

Sampling Date

: 26 Dec 2023

Reference

Sample Received on

: 02 Jan 2024

: Test Request Form Dated 26.12.2023

: 03 Jan 2024

Sample Drawn By

: Laboratory

Test Started on

Sample Location

: Fluedised Bed Dryer

Test Completed on

: 06 Jan 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.4 m

Ambient Temperature : 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	18,4
2	Velocity	EPA 1-3	m/s	11,4
3	Volume of Gas Discharged	1S 11255 (Part 03)	Nm3/Hr	4593
Volati	le Organic Compounds			0
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BI,Q(1.OQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

in Knee

/******* End of the Report ********/

A. Manikandan



### TEST REPORT

Page I of I

Report Date: 06 Jan 2024

Report No: QEN24010013-09

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION) .

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Dec 2023

Reference

Test Request Form Dated 26.12.2023

Sample Received on

: 02 Jan 2024

Test Started on

: 03 Jan 2024

Sample Drawn By Sample Location

: Laboratory

: Fluedised Bed Dryer-

Test Completed on

: 06 Jan 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.4 m

Ambient Temperature

: 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	rical			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/



# TEST REPORT



TC-6118

ULR - TC611824000013568F

Page 1 of 1

Report No: QEN24030396-05 (Part A)

Report Date: 22 Mar 2024"

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

: Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

: Laboratory

Test Started on

: 18 Mar 2024

Sample Location

: D1 Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.1 m

Ambient Temperature

: 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	15.1
2	Velocity	EPA 1-3	m/s	10.5
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	276
Volati	le Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

/******* End of the Report ********/

Authorized Signatory-Chemical



### TEST REPORT

Page 1 of 1

Report Date: 22 Mar 2024

Report No: QEN24030396-05 (Part B)

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

: Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

Test Started on

: 18 Mar 2024

: Laboratory

Sample Location

: DI Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.1 m

Ambient Temperature

: 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	53.53			
1	Acetaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification, LQQ: Limit of Quantification.

/******* End of the Report ********/



# **TEST REPORT**



ULR - TC611824000013569F

Page 1 of 1

Report No: QEN24030396-06 (Part A)

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

: Laboratory

Test Started on

: 18 Mar 2024

Sample Location

: Sodium Formate Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

: 1S 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.3 m

Ambient Temperature

: 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	17.2
2	Velocity	EPA 1-3	m/s	10.7
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	2555
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLO: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report *********/

**Authorized Signatory-Chemical** 



#### TEST REPORT

Page 1 of 1

Report Date: 22 Mar 2024

Report No: QEN24030396-06 (Part B)

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

: Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

Test Started on

: 18 Mar 2024

: Laboratory

Sample Location

: Sodium Formate Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.3 m

Ambient Temperature : 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Bclow Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/ .

**Authorized Signatory-Chemical** 

Laboratory Address: 39/6, Thiruwallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



# TEST REPORT



ULR - TC611824000013570F

Page 1 of 1

Report No: QEN24030396-07 (Part A)

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

Test Started on

: 18 Mar 2024

Sample Location

: Laboratory : Mono Drycr

0.2 m

Test Completed on

: 22 Mar 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) :

Ambient Temperature : 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	nical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	14.9
2	Velocity	EPA 1-3	m/s	10.9
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	1075
Volat	ile Organic Compounds			
4	Methanol	-SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

A. Manikandan

Authorized Signatory-Chemical

M. Sarathkumar Authorized Signatory-Chemical



### TEST REPORT

Page 1 of 1

Report Date: 22 Mar 2024

Report No: QEN24030396-07 (Part B)

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

Sample Received on

: 18 Mar 2024

: Test Request Form Dated 15.03.2024

: 18 Mar 2024

Sample Drawn By

Laboratory

Test Started on

Sample Location

Mono Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) :

0.2 m

Ambient Temperature : 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	iydes			
1	Acetaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(I.OQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



# **TEST REPORT**



ULR - TC611824000013571F

Page 1 of 1

Report No: QEN24030396-08 (Part A)

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

Sample Received on

: 18 Mar 2024

: Test Request Form Dated 15.03.2024

: 18 Mar 2024

Sample Drawn By

: Laboratory

Test Started on

Sample Location

: Fluedised Bed Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.1 m

Ambient Temperature : 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	18.7
2	Velocity	EPA 1-3	m/s	11.2
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	293
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

Authorized Signatory-Chemical

M. Sarathkumar Authorized Signatory-Chemical



#### TEST REPORT

Page 1 of 1

Report Date: 22 Mar 2024

Report No: QEN24030396-08 (Part B)

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Description

: Stack Monitoring

Sampling Date

: 15 Mar 2024

Reference

: Test Request Form Dated 15.03.2024

Sample Received on

: 18 Mar 2024

Sample Drawn By

: Laboratory

Test Started on

: 18 Mar 2024

Sample Location

: Fluedised Bed Dryer

Test Completed on

: 22 Mar 2024

Sample Procedure

: 1S 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.1 m

Ambient Temperature

: 34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLO: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

A. Manikandan Authorized Signatory-Chemical



### TEST REPORT



ULR - TC611823000019999F

Page 1 of 1

Report No: QEN23060493-05

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005

Sample Description

: Stack Monitoring

Sampling Date

: 27 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

: Laboratory

Test Started on

: 29 Jun 2023

Sample Location

Test Completed on

: D1 Dryer

: 04 Jul 2023

Sample Procedure Diameter of Stack (m)

: IS 11255 & SMSLA/EN/SOP/017 : 0.1 m

Ambient Temperature

:34°C

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Chen	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	18.3
2	Velocity	EPA 1-3	m/s	9.1
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	231
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.





### TEST REPORT

Page 1 of 1

Report Date: 04 Jul 2023

Report No: OEN23060493-05

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalorc.-607005

Sample Description

: Stack Monitoring

Sampling Date

: 27 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

: Laboratory

: 29 Jun 2023

Test Started on

Sample Location

: D1 Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Ambient Temperature

:34°C

Diameter of Stack (m) : 0.1 m

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.



# **TEST REPORT**



TC-6118

ULR - TC611823000020001F

Page 1 of 1

Report No: QEN23060493-06

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

: IS 11255 & SMSLA/EN/SOP/017

Test Started on

: 29 Jun 2023

: Laboratory

Sample Location

: Sodium Formate Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure Diameter of Stack (m)

: 0.3 m

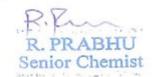
Ambient Temperature

:34°C

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Chem	ical			
1	Particulate Matter	IS 11255 (Part 01)	mg/Nm3	16.0
2	Velocity	EPA 1-3	m/s	13.4
3	Volume of Gas Discharged	IS 11255 (Part 03)	Nm3/Hr	3170
Volat	ile Organic Compounds			
4	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.





#### TEST REPORT

Page 1 of 1

Report Date: 04 Jul 2023

Report No: QEN23060493-06

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Description

: Stack Monitoring

Sampling Date

: 26 Jun 2023

Reference

Sample Received on

: 29 Jun 2023

: Test Request Form Dated 27.06.2023

Sample Drawn By

: Laboratory

Test Started on

: 29 Jun 2023

Sample Location

: Sodium Formate Dryer

Test Completed on

: 04 Jul 2023

Sample Procedure

: IS 11255 & SMSLA/EN/SOP/017

Diameter of Stack (m) : 0.3 m

Ambient Temperature

:34°C

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldel	iydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

#### M/s. Asian Paints Limited - Penta Division

# Consolidated Report of Analysis - STP Outlet - External Lab

S.No	Parameters	Unit	Result			Result			Standard for Sewage Treatment
			04.07.2023	23.08.2023	06.01.2024	22.03.2024	Plant		
1	Faecal Coliforms	MPN/100mL	70	<1.8	350	240	1000		
2	Ammonical nitrogen as NH ₃ -N	mg/L	BLQ (LOQ:1.0)	BLQ (LOQ:1.0)	BLQ (LOQ:1.0)	3.5	-		
3	BOD @ 27°C 3 days	mg/L	4.5	3.5	3	13	20		
4	COD	mg/L	20.0	16.0	13.0	66	50		
5	Total Kjeldahl Nitrogen as N	mg/L	3.2	2.6	2.0	15	-		
6	рН @ 25°С	-	7.63	7.28	7.06	7.11	5.5 -9.0		
7	Total Suspended Solids (TSS)	mg/L	4.2	2.8	2.8	20	30		

Note: BLQ – Below Limit of Quantification

LOQ – Limit of Quantification



# **TEST REPORT**



ULR - TC611824000000807F

Page 1 of 1

Report No: QEN24010013-12

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

STP Outlet Water

Sample Quantity

: 1 Ltr x 2 No's

Sample Description

: 27 Dec 2023

STP Outlet Water

Sampling Date

: 02 Jan 2024

Reference

Test Request Form Dated 26.12.2023

Sample Received on Test Started on

: 02 Jan 2024

Sample Drawn By

Laboratory

Sample Location

STP Area

Test Completed on

: 06 Jan 2024

Sample Procedure

: SMSLA/EN/SOP/001 & SMSLA/MB/SOP/06

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	As per TNPCB Limit
Biolog	ical				
1	Faecal coliforms	APHA 23rd Edition 9221 E	MPN/100ml.	350	Desirable - 230 Permissible - 1000
Chem	ical				
2	Ammonical Nitrogen as NII3-N	APHA 23rd Edition:4500 NH3 B,C 2017	mg/L	B1.Q(1.OQ:1.0)	
3	BOD at 27°C for 3 days	1S 3025 (Part 44)	mg/L	3.0	10 Max .
4	COD	APHA 23rd Edition:5220 B 2017	mg/L	13	50 Max
5	Total Kjeldahl Nitrogen as N	APHA 23rd Edition:4500 N org B 2017	mg/L	2.0	
Physic	cal				
6	pH value at 25°C	APHA 23rd Edition:4500 II+ - B 2017		7.06	5.5 - 9.0
7	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	2.8	20 Max

: MPN : Most Probable Number.BLQ: Below Limit of Quantification LOQ: Limit of Quantification. Remarks: The STP Outlet Water Sample Conforms to the TNPCB Discharge limit for the Parameters tested above.

J.Mohammed Shabir Authorized Signatory-Biological ****** End of the Report ********/

M. Sarathkumar Authorized Signatory-Chemical



# **TEST REPORT**



TC-6118

ULR - TC611824000013575F Report No: QEN24030396-12 Page 1 of 1

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: STP Outlet Water

Sample Quantity

: 2 Ltr x 1 No

Sample Description

STP Outlet Water

Sampling Date

: 16 Mar 2024

Reference

Sample Received on

: 18 Mar 2024

Sample Drawn By

Test Request Form Dated 15.03.2024 : Laboratory

Test Started on

: 18 Mar 2024

Sample Location

: STP Area

Test Completed on

: 21 Mar 2024

Sample Procedure

: SMSLA/EN/SOP/001, SMSLA/MB/SOP/06

TEST RESULTS

		TEST RESULTS			
s.no	Parameter	Test Method	Unit	Results	As per TNPCB Limit
Biolog	gical				
1	Faecal coliforms	APHA 23rd Edition 9221 E	MPN/100mL	240	Desirable - 230 Permissible - 1000
Chem	ical				
2	Ammonical Nitrogen as NII3-N	APHA 23rd Edition:4500 NH3 B,C 2017	mg/I.	3.5	
3	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	13	20 Max
4	COD	APHA 23rd Edition:5220 B 2017	mg/L	66	100 Max
5	Total Kjeldahl Nitrogen as N	APIIA 23rd Edition:4500 N org B 2017	mg/L	15	
Physic	cal				
6	pI-I value at 25°C	APIIA 23rd Edition:4500 H+ - B 2017		7.11	5.5 - 9.0
7	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	20	30 Max

: MPN : Most Probable Number. BLO: Below Limit of Quantification LOQ: Limit of Quantification. Remarks: The STP Outlet Water Sample Conform to the TNPCB Discharge limit for the Parameters tested above.

/****** End of the Report ********/

Authorized Signatory-Biological

M. Sarathkumar **Authorized Signatory-Chemical** 



### **TEST REPORT**



TC-6118

ULR - TC611823000020007F

Page 1 of 1

Report No: QEN23060493-11

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sample Quantity

: 1Ltr x 2No's

Sample Description

: STP Outlet Water

Sampling Date

: 27 Jun 2023

: 29 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Sample Received on

: 29 Jun 2023

Sample Drawn By

: Laboratory : STP Area

Test Started on Test Completed on

: 04 Jul 2023

Sample Location Sample Procedure

: SMSLA/EN/SOP/001 & SMSLA/MB/SOP/06

#### **TEST RESULTS**

S.NO	Parameter	Test Method	Unit	Results	As per TNPCB Limit				
Biolog	Biological								
1	Faecal coliforms	IS 1622	MPN/100mL	70	Desirable - 100 Permissible - 230				
Chem	ical								
2	Ammonical Nitrogen as NH3-N	APHA 23rd Edition:4500 NH3 B,C 2017	mg/L	BLQ(LOQ:1.0)					
3	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	4.5	20				
4	COD	APHA 23rd Edition:5220 B 2017	mg/L	20	100				
5	Total Kjeldahl Nitrogen as N	APHA 23rd Edition:4500 N org B 2017	mg/L	3.2					
Physic	cal								
6	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017		7.63	5.5 - 9.0				
7	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	4.2	30				

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Remarks: The STP Outlet Water sample conforms to the TNPCB discharge limit for the Parameters tested above.

/***** End of the Report *********/

Microbiologist



# TEST REPORT



TC-6118

ULR - TC611823000026669F

Report No: QEN23080327-12

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Water

Sample Quantity

: 1Ltr x 2No's

Sample Description

: STP Outlet Water

Sampling Date

: 17 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

Test Started on

: Laboratory

: 19 Aug 2023

Sample Location

: STP Area

Test Completed on

: 23 Aug 2023

Sample Procedure

: SMSLA/EN/SOP/001 & SMSLA/MB/SOP/06

#### **TEST RESULTS**

s.no	Parameter	Test Method	Unit	Results	As per TNPCB Limit
Biolog	ical				
1	Faecal coliforms	IS 1622	MPN/100mL	<1.8	Desirable - 100 Permissible - 230
Chem	ical				
2	Ammonical Nitrogen as NH3-N	APHA 23rd Edition:4500 NH3 B,C 2017	mg/L	BLQ(LOQ:1.0)	
3	BOD at 27°C for 3 days	IS 3025 (Part 44)	mg/L	3.5	20
4	COD	APHA 23rd Edition:5220 B 2017	mg/L	16	100
5	Total Kjeldahl Nitrogen as N	APHA 23rd Edition:4500 N org B 2017	mg/L	2.6	
Physic	cal				
6	pH value at 25°C	APHA 23rd Edition:4500 H+ - B 2017		7.28	5.5 - 9.0
7	Total suspended solids (TSS)	APHA 23rd Edition:2540 D 2017	mg/L	2.8	30

: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

Microbiologist

Remarks: The STP Outlet Water sample conforms to the TNPCB discharge limit for the Parameters tested above.

#### M/s. Asian Paints Limited - Penta Division

#### Consolidated Report of Analysis - Ambient Air Quality VOC - External Lab

S.No.	Date	Location	Total Hydrocarbons	Acetaldehyde	Formaldehyde	Methanol
			$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
1	04.07.2023	Near Coal Yard (Down Wind)	BDL(LOQ:0.0001)	BDL(LOQ:0.001)	BDL(LOQ:0.003)	BDL(LOQ:0.001)
2	04.07.2023	Near Wiegh Bridge (Up Wind)	BDL(LOQ:0.0001)	BDL(LOQ:0.001)	BDL(LOQ:0.003)	BDL(LOQ:0.001)
3	23.08.2023	Near Coal Yard (Down Wind)	BDL(LOQ:0.0001)	BDL(LOQ:0.001)	BDL(LOQ:0.003)	BDL(LOQ:0.001)
4	23.08.2023	Near Wiegh Bridge (Up Wind)	BDL(LOQ:0.0001)	BDL(LOQ:0.001)	BDL(LOQ:0.003)	BDL(LOQ:0.001)
5	6.01.02024	Near Coal Yard (Down Wind)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)
6	6.01.02024	Near Wiegh Bridge (Up Wind)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)
7	22.03.2024	Near Coal Yard (Down Wind)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)
8	22.03.2024	Near Wiegh Bridge (Up Wind)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)	BDL(LOQ:0.1)

Note:

BDL – Below Detection Limit

LOQ - Limit of Quantification



# TEST REPORT



ULR - TC611823000020005F

Page 1 of 1

Report No: QEN23060493-09

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005

Sample Name

Sampling Date

: 26 Jun 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 29 Jun 2023

Reference

Test Started on

: 30 Jun 2023

Sample Drawn By

: Test Request Form Dated 27.06.2023

: Laboratory

Test Completed on

: 04 Jul 2023

Sample Location

: Near Coal Yard (Down Wind)

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Others -	Hydrocarbons			
1 T	otal Hydrocarbons	SMSLA/GM/SOP/08	μg/m³	BLQ(LOQ:0.0001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.



### **TEST REPORT**

Page 1 of 1

Report Date: 04 Jul 2023

Report No: QEN23060493-09

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005

Sample Name

: Air

Sampling Date

: 26 Jun 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 29 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Test Started on

: 30 Jun 2023

Sample Drawn By

: Laboratory

Test Completed on

: 04 Jul 2023

Sample Location

: Near Coal Yard (Down Wind)

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.001)
2	Formaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.003)
Volati	le Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	μg/m³	BLQ(LOQ:0.001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/********* End of the Report ********/

K PRAKASH Senior Chemist

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



# **TEST REPORT**



ULR - TC611823000020006F

Report No: QEN23060493-10

Page 1 of 1

Report Date: 04 Jul 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Air

Sampling Date

: 26 Jun 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 29 Jun 2023

Reference

Test Started on

: 30 Jun 2023

Sample Drawn By

: Test Request Form Dated 27.06.2023 : Laboratory

Test Completed on

: 04 Jul 2023

Sample Location

: Near Weigh Bridge (UP Wind)

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Other	s - Hydrocarbons			
1	Total Hydrocarbons	SMSLA/GM/SOP/08	μg/m³	BLQ(LOQ:0.0001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

Senior Chemist



### TEST REPORT

Page 1 of 1

Report Date: 04 Jul 2023

Report No: QEN23060493-10

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sampling Date

: 26 Jun 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 29 Jun 2023

Reference

: Test Request Form Dated 27.06.2023

Test Started on

: 30 Jun 2023

Sample Drawn By

: Laboratory

Test Completed on

: 04 Jul 2023

Sample Location

: Near Weigh Bridge (UP Wind)

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes	'		
1	Acetaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.001)
2	Formaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.003)
Volati	ile Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	μg/m³	BLQ(LOQ:0.001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

Senior Chemist



# **TEST REPORT**



TC-6118

ULR - TC611823000026654F

Report No: QEN23080327-10

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Air

Sample Description

: Ambient VOC Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 21 Aug 2023

Sample Location

: Near Coal Yard (Up Wind)

Test Completed on

: 23 Aug 2023

TEST RESULTS

, --- , ---

S.NO	Parameter	Test Method	Unit	Results
Other	s - Hydrocarbons			
1	Total Hydrocarbons	SMSLA/GM/SOP/08	μg/m³	BLQ(LOQ:0.0001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report *********/

Fg 6



## TEST REPORT

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

Report No: QEN23080327-10

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

Sample Description

: Ambient VOC Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

: Laboratory

Test Started on

: 21 Aug 2023

Sample Drawn By

Sample Location

: Near Coal Yard (Up Wind)

Test Completed on

: 23 Aug 2023

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	
Aldeh	ydes				
1	Acetaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.001)	
2	Formaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.003)	
Volat	ile Organic Compounds				
3	Methanol	SMSLA/GM/SOP/07	μg/m³	BLQ(LOQ:0.001)	

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/



# **TEST REPORT**



TC-6118

ULR - TC611823000026655F

Report No: QEN23080327-11

Page 1 of 1

Report Date: 23 Aug 2023

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Air

Sample Description

: Ambient VOC Monitoring

Sampling Date

: 16 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Sample Received on

: 19 Aug 2023

Sample Drawn By

: Laboratory

Test Started on

: 21 Aug 2023

Sample Location

: Near Weigh Bridge (Down Wind)

Test Completed on

: 23 Aug 2023

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Other	s - Hydrocarbons			
I	Total Hydrocarbons	SMSLA/GM/SOP/08	μg/m³	BLQ(LOQ:0.0001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/***** End of the Report ********/

K.PRAKASH Senior Chemist



## **TEST REPORT**

Page 1 of 1

Report Date: 23 Aug 2023

Report No: QEN23080327-11

Customer Name

: M/s. Asian Paints Limited. (Penta Division)

Customer Address

: B5-B10, SIPCOT Industrial Complex, Kudikadu, Cuddalore.-607005.

Sample Name

: Air

Sampling Date

: 16 Aug 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 19 Aug 2023

Reference

: Test Request Form Dated 16.08.2023

Test Started on

: 21 Aug 2023

Sample Drawn By

: Laboratory

Test Completed on

: 23 Aug 2023

Sample Location

: Near Weigh Bridge (Down Wind)

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.001)
2	Formaldehyde	NIOSH - 2539	μg/m³	BLQ(LOQ:0.003)
Volati	le Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	μg/m³	BLQ(LOQ:0.001)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

K.PRAKASH Senior Chemist



# TEST REPORT



TC-6118

ULR - TC611824000000784F

Page 1 of 1

Report No: QEN24010013-10

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient VOC Monitoring

Sampling Date

: 26 Dec 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 02 Jan 2024

Reference

: Test Request Form Dated 26.12.2023

Test Started on

: 03 Jan 2024

Sample Drawn By

Test Completed on

Sample Location

: Laboratory

: 06 Jan 2024

: Near Coal Yard ( Down Wind)

Sample Procedure

: NIOSH & SOP'S

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Other	s - Hydrocarbons			
1	Total Hydrocarbons	SMSLA/GM/SOP/08	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

Authorized Signatory-Chemical

A. Manikandan



# TEST REPORT

Page 1 of 1.

Report Date: 06 Jan 2024

Report No: QEN24010013-10

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient VOC Monitoring

Sampling Date

: 26 Dec 2023

Sample Description

Sample Received on

: 02 Jan 2024

: Ambient VOC Monitoring

Reference

: Test Request Form Dated 26,12,2023

Test Started on

: 03 Jan 2024

Sample Drawn By

: Laboratory

Test Completed on

: 06 Jan 2024

Sample Location

: Near Coal Yard ( Down Wind)

Sample Procedure

: NIOSH & SOP'S

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldchyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0,1)
Volati	le Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report *********/

A. Manikandan Authorized Signatory-Chemical



# TEST REPORT



TC-6118

ULR - TC611824000000785F

Report No: QEN24010013-11

Page Lof L

Report Date: 06 Jan 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

Ambient VOC Monitoring

Sampling Date

: 26 Dec 2023

Sample Description

Sample Received on

: 02 Jan 2024

Reference

Ambient VOC Monitoring

Test Started on

: 03 Jan 2024

Sample Drawn By

Test Request Form Dated 26.12.2023 : Laboratory

Sample Location

Test Completed on

: 06 Jan 2024

: Near Weigh Bridge (Up Wind)

Sample Procedure

: NIOSH & SOP'S

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Other	s - Hydrocarbons			
1	Total Hydrocarbons	SMSLA/GM/SOP/08	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

A. Manikandan Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



# TEST REPORT

Page 1 of 1

Report Date: 06 Jan 2024

Report No: QEN24010013-11

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient VOC Monitoring

Sampling Date

: 26 Dec 2023

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 02 Jan 2024

Reference

: Test Request Form Dated 26.12.2023

Test Started on

02 Jan 2024

Sample Drawn By

rest recques

rest Started on

: 03 Jan 2024

Sample Location

Laboratory

Test Completed on

: 06 Jan 2024

Sample Location

: Near Weigh Bridge (Up Wind)

Sample Procedure

: NIOSH & SOP'S

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldel	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
Volati	ile Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0,1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

A. Manikandan
Authorized Signatory-Chemical



# TEST REPORT



ULR - TC611824000013573F

Page 1 of 1

Report No: QEN24030396-10 (Part A)

Report Date: 22 Mar 2024

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION) .

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient VOC Monitoring

Sampling Date

: 15 Mar 2024

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 18 Mar 2024

Reference

: Test Request Form Dated 15.03.2024

Test Started on

: 19 Mar 2024

Sample Drawn By

: Laboratory

Test Completed on

Sample Location

: Near Coal Yard (Down Wind)

: 21 Mar 2024

Sample Procedure

: NIOSH & SOP'S

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Others -	Hydrocarbons			
1. To	otal Hydrocarbons	SMSLA/GM/SOP/08	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report ********/

Authorized Signatory-Chemical



## TEST REPORT

Page 1 of 1

Report Date: 22 Mar 2024

Report No: QEN24030396-10 (Part B)

Customer Name

: M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

: B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient VOC Monitoring

Sampling Date

: 15 Mar 2024

Sample Description

: Ambient VOC Monitoring

Sample Received on

: 18 Mar 2024

Reference

: Test Request Form Dated 15.03.2024

Test Started on

: 19 Mar 2024

Sample Drawn By

: Laboratory

Test Completed on

: 21 Mar 2024

Sample Location

: Near Coal Yard (Down Wind)

Sample Procedure

: NIOSH & SOP'S

#### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSII - 2539	mg/m³	BLQ(LOQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
Volat	ile Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report *********/

A. Manikandan Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.



# TEST REPORT



ULR - TC611824000013574F

Page 1 of 1

Report No: QEN24030396-11 (Part A)

Report Date: 22 Mar 2024

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

: Ambient VOC Monitoring

Sampling Date

: 15 Mar 2024

Sample Description

Sample Received on

: 18 Mar 2024

Reference

Ambient VOC Monitoring Test Request Form Dated 15.03.2024

Test Started on

: 19 Mar 2024

Sample Drawn By

: Laboratory

Sample Location

: Near Weigh Bridge (Up Wind)

Test Completed on

: 21 Mar 2024

Sample Procedure

: NIOSH & SOP'S

TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Other	s - Hydrocarbons			
1	Total Hydrocarbons	SMSLA/GM/SOP/08	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/******* End of the Report ********/

Authorized Signatory-Chemical



# TEST REPORT

Page 1 of I

Report Date: 22 Mar 2024

Report No: QEN24030396-11 (Part B)

Customer Name

M/s. ASIAN PAINTS LIMITED. (PENTA DIVISION)

Customer Address

B5 - B10, SIPCOT Industrial Complex, Kudikadu Village, Cuddalore - 607005.

Sample Name

Ambient VOC Monitoring

Sampling Date

: 15 Mar 2024

Sample Description

Ambient VOC Monitoring

Sample Received on

: 18 Mar 2024

Test Started on

: 19 Mar 2024

Reference

Test Request Form Dated 15.03.2024 : Laboratory

Test Completed on

: 21 Mar 2024

Sample Drawn By Sample Location

: Near Weigh Bridge (Up Wind)

Sample Procedure

: NIOSH & SOP'S

#### TEST RESULTS

s.no	Parameter	Test Method	Unit	Results
Aldeh	ydes			
1	Acetaldehyde	NIOSH - 2539	mg/m³	BI.Q(I.OQ:0.1)
2	Formaldehyde	NIOSH - 2539	mg/m³	BLQ(LOQ:0.1)
Volati	le Organic Compounds			
3	Methanol	SMSLA/GM/SOP/07	mg/m³	BLQ(LOQ:0.1)

Note: BLQ: Below Limit of Quantification LOQ: Limit of Quantification.

/****** End of the Report *********/

Authorized Signatory-Chemical

# Report of Analysis (ROA) Summary: AAQ Monitoring

Month: May 2023

S. No.	Date of Survey	Location	Unit	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
1	03.05.2023	On top of the scaffolding near North East side Compound Wall	µg/m ³	64	40	28	31
2	03.05.2023	On top of the scaffolding near Eastern side compound Wall	μg/m ³	68	1	25	27
3	03.05.2023	On top of the scaffolding near ETP	μg/m ³	72	-	30	32
4	03.05.2023	On top of the scaffolding near Old gate	μg/m ³	74	54	33	36
	National Amb	pient Air Quality Standards	μg/m ³	100	60	80	80

Month: June 2023

S.	Date of	Location	Unit	PM ₁₀	PM _{2.5}	$SO_2$	NO ₂
No.	Survey	20000		1 1/110	2.172 2.3	502	1(02
1	15.06.2023	On top of the scaffolding near	μg/m ³	54	28	20	22
1	13.00.2023	II Main Gate	μg/III	34	20	20	22
2	15.06.2022	On top of the scaffolding near	the scaffolding near			22	24
2   15.06.202		Eastern side compound Wall	$\mu g/m^3$	64	-	22	24
3 15.06.2023		On top of the scaffolding near	μg/m ³	74	_	21	23
3	13.00.2023	Ash Silo Plant	με/ ΙΙΙ	7 +		21	NO ₂ 22  24  23  28  26  23  80
4	15.06.2023	On top of the scaffolding near	μg/m ³	76	40	26	28
	13.00.2023	Cold Storage Yard	μg/III	70	40	20	20
5	15.06.2023	On top of the scaffolding in	μg/m ³	66		24	26
3	13.00.2023	Lawn	μg/III	00	_	<i>2</i> 4	20
6	15.06.2023	On top of the scaffolding near	μg/m ³	59	_	21	23
	13.00.2023	EB yard	μg/ΙΙΙ	39	_	21	23
	National Amb	pient Air Quality Standards	μg/m ³	100	60	80	80

Month: October 2023

S.	Date of	Location	Unit	$PM_{10}$	PM _{2.5}	$SO_2$	$NO_2$
No.	Survey	Location	Omi	1 1/110	1 W1 2.5	$SO_2$	$NO_2$
1	16.10.2023 to 17.10.2023	On top of the scaffolding near Old Gate	μg/m ³	64	32	17	21
2	16.10.2023 to 17.10.2023	On top of the scaffolding near North East side compound Wall	µg/m ³	82	45	27	32
3	16.10.2023 to 17.10.2023	On top of the scaffolding near Eastern side compound Wall	µg/m ³	62	-	25	29
4	16.10.2023 to 17.10.2023	On top of the scaffolding near ETP	μg/m ³	65	-	20	24
	National Amb	pient Air Quality Standards	μg/m ³	100	60	80	80



1. Name of the Industry

: M/s. Asian Paints Ltd,

(Penta Division)

2. Address of the Industry

: Sipcot Industrial Complex,

Cuddalore - 5.

3. Category / Classification

: Red – Large.

4. Land use classification

: Industrial.

5. Date of Survey

: 03.05.2023

6. Duration of Survey

: 24 Hours.

7. Renewal Consent order No /

2308249444891 / 31.3.2024

Validity

# Meteorological Conditions.

Ambient Min Max Temperature (°C) 29 35 Weather condition Clear Predominant Wind NE-SW Direction	Relative Humidity(%) Rain Fall (mm) Mean Wind Speed (Km/hr.)	Min 66 N 8.	
-------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------	----------------------	--

# **Ambient Air Quality Survey Results**

SI. No	Location	Direction *	Distance (m)*	Height from GL (m)		utants C (µg, 4 Hours	/m³)	
1	Onton of II O	ë *	Dist (m)	Heic GL	PM ₁₀	PM _{2.5}	SO ₂	NO ₂
	On top of the Scaffolding near North East side Compound wall	NE	220	2	64	40	28	31
2	On top of the Scaffolding near Eastern side Compound wall	E	220	2	68		25	27
3	On top of the Scaffolding near	SE	260	2	72		30	
4	On top of the Scaffolding near	SW	200				_ 30	32
	Old gate e:* With respect to major emission		200	2	74	54	33	36

Note:* With respect to major emission sources.

Dy.CSO

TNPCB/AEL/CUDDALORE



# TAMIL NADU POLLUTION CONTROL BOARD ADVANCED ENVIRONMENTAL LABORATORY, CUDDALORE. AMBIENT AIR QUALITY SURVEY – REPORT OF ANALYSIS.

1. Name of the Industry

: M/s. Asian Paints Ltd,

(Captive Power Plant)

2. Address of the Industry

: Sipcot Industrial Complex,

Cuddalore - 5.

3. Category / Classification

: Red - Large.

4. Land use classification

: Industrial.

5. Date of Survey

: 15.06.2023

6. Duration of Survey

: 24 Hours.

7. Renewal Consent order No /

: 2308249445285 / 31.03.2024.

Validity

## Meteorological Conditions.

Ambient Temperature (°C)	Min 28	Max 37	Relative Humidity(%)	Min 42	Max 77
Weather condition			Rain Fall (mm) Nil		
Predominant Wind Direction			Mean Wind Speed (Km/hr.)	6.3	

# **Ambient Air Quality Survey Results**

SI. No	Location	Direction *	Distance (m)*	Height from GL (m)	Pollutants Concentrati (µg/m³) (24 Hours Average) PM ₁₀ PM _{2.5} SO ₂ N			
		* <u>ق</u>	Dista (m)*	윤딩	i ivi10	PM _{2.5}	SO ₂	NO ₂
1	On top of the Scaffolding near II Main Gate	- NE	220	2	54	28	20	22
2	On top of the Scaffolding near Eastern side Compound wall	E	220	2	64	-	22	24
3	On top of the Scaffolding near Ash silo plant	SE	260	2	74	-	21	23
4	On top of the Scaffolding near Cold Storage yard	SW	200	2	76	40	26	28
5	On top of the Scaffolding in Lawn	W	200	2	66		24	26
6	On top of the Scaffolding near EB yard	NW	200	2	59	-	21	23

Note:* With respect to major emission sources.

(Assistant Director (Lab)?)
TNPCB/AEL/CUDDALORE

Dy.CSO



1. Name of the Industry

: M/s. Asian Paints Ltd,

(Penta Division)

2. Address of the Industry

: Sipcot Industrial Complex,

Cuddalore - 5.

3. Category / Classification

: Red – Large.

4. Land use classification

: Industrial.

5. Date of Survey

: 16.10.2023 to 17.10.2023

6. Duration of Survey

: 24 Hours.

7. Renewal Consent order No /

: 2308249444891 / 31.3.2024

Validity

# Meteorological Conditions.

Ambient Temperature (°C) Weather condition	Min	Max	Relative		
	25		_	Min	Max
		35	Humidity(%)	52	96
	Clear		Rain Fall (mm)	Nil	
Predominant Wind Direction	SW	- NE	Mean Wind Speed (Km/hr.)	2.5	

# **Ambient Air Quality Survey Results**

SI. No	Location	Direction *	Distance (m)*	Height from GL (m)		utants C (µg/ 4 Hours	/m³)		
		Dire	Dist (m)*	Heiç GL	PM ₁₀	PM _{2.5}	SO ₂	NO ₂	
1	On top of the Scaffolding near Old gate	SW	200	2	68	32	17	21	
2	On top of the Scaffolding near North East side Compound wall	NE	220	2	82	45	27	32	
3	On top of the Scaffolding near Eastern side Compound wall	Е	220	2	62	-	25	29	
4	On top of the Scaffolding near	SE	260	2	65	-	20	24	

Note:* With respect to major emission sources.

Deputy Chief Scientific Officer (a/c), TNPCB/AEL/CUDDALORE

# Report of Analysis (ROA) Summary: Trade Effluent

Month: December 2023

S.No	Parameters	Unit	ETP Inlet
1	рН @ 25 °C	-	1.18
2	<b>Total Suspended Solids</b>	mg/L	18
3	<b>Total Dissolved Solids</b>	mg/L	29620
4	Chloride as Cl	mg/L	<5.0
5	Sulphate as SO ₄	mg/L	13240
6	BOD at 27 °C for 3 days	mg/L	Cannot be
U		mg/L	ascertained
7	COD	ma/I	Cannot be
,	COD	mg/L	ascertained
8	Phenolic Compounds	mg/L	<0.1
9	Phosphates	mg/L	5.0
10	Sulphide	mg/L	<1.0
11	Lead	mg/L	0.594
12	Cyanide	mg/L	< 0.05
13	Hexavalent Chromium	mg/L	< 0.05

S.No	Parameters	Unit	RO Feed	RO Permeate	RO Reject
1	pH @ 25 °C	-	4.63	17.01	6.00
2	Total Suspended Solids	mg/L	16	16	18
3	Total Dissolved Solids	mg/L	3730	130	8080
4	Chloride as Cl	mg/L	1349	35	3498
5	Sulphate as SO ₄	mg/L	490	25	1110
6	BOD at 27 °C for 3 days	mg/L	Cannot be ascertained	14	51.0

7	COD	mg/L	Cannot be ascertained	56.0	408	
8	Total Kjeldahl Nitrogen	mg/L	<0.1	<0.1	<0.1	
9	Phosphates	mg/L	< 0.5	< 0.5	< 0.5	
10	Sulphide	mg/L	<1	<1	<1	
11	Lead	mg/L	0.403	0.354	0.432	
12	Cyanide	mg/L	< 0.05	< 0.05	< 0.05	
13	Hexavalent Chromium	mg/L	<0.05	<0.05	<0.05	

Month: July 2023

S.No	Parameters	Unit	ETP Inlet	RO Feed	RO Permeate	RO Reject
1	рН @ 25 °C	-	6.90	7.32	6.38	7.65
2	Total Suspended Solids @ 105°C	mg/L	14	12	12	22
3	Total Dissolved Solids @ 180°C	mg/L	2130	3373	98.0	11180
4	Chloride as Cl	mg/L	51	850	37	4723
5	Sulphate as SO ₄	mg/L	215	410	08	980
6	BOD at 27 °C for 3 days	mg/L	24.0	16.0	3.0	26.0
7	COD	mg/L	96	56	24	120
8	Sulphide as S	mg/L	3.6	1.6	1.2	3.2
9	Cyanide as CN	mg/L	< 0.05	< 0.05	< 0.05	<0.05
10	Total	mg/L	< 0.5	< 0.5	< 0.5	< 0.5

	Phosphate					
	as PO ₄					
	Phenolic					
11	Compounds	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
	as C ₆ H ₅ OH					
	Hexavalent					
12	Chromium	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
	as Cr6+					
13	Lead as PB	mg/L	< 0.07	< 0.07	< 0.07	< 0.07



### REPORT OF ANALYSIS

## ROA NO 07/447 & 07/448 Dt 27.07.2023

Name & Address of the sender		District Environmental Er	Date of	03.07.2023	
or the sender		Tamilnadu Pollution Conti		Analysis	<u> </u>
Nature & Number of samples.		2 Number of Trade Sample Quantity Sealed and Effluent sample 2.5 L polythecontainer		Fastened in ene	
Date & Time of sample collection		03.07.2023 at 13.30 Hrs Date & Time of sample receipt at the lab		03.07.2023	at 15.30 Hrs
Point of Collection	1.	ETP Inlet	Page No	1 of 1	
Folia of Collection	2.	RO Feed	1 age No	1 01 7	

SI.	DEE Code no		KN	KN	
No			07/01	07/02	
	Lab Code no		447	448	Tested as per APHA23rd edition 2017
	Parameters	Unit		Parallela Tel	Carlos and Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlos Carlo
1.	pH @ 25° C	No.	6.90	7.32	APHA 23rdEdn 2017 – 4500 H ⁺ B
2.	Total Suspended Solids @ 105 C	mg/L	14	12	APHA 23 rd Edn2017 – 2540D
3.	Total Dissolved Solids @ 180°C	mg/L	2130	3373	APHA 23rdEdn 2017 - 2540 C
4.	Chloride as CI	mg/L	51	850 -	APHA 23 rd Edn 2017- 4500 - Cl ⁻ B
5.	Sulphate as SO₄	mg/L	215	410	APHA 23rdEdn 2017-4500- SO ₄ ² E
6.	BOD @ 27°C 3 days	mg/L	24.0	16.0	IS 3025 (Part 44) - 1993 (RA: 2009)
7.	COD	mg/L	96	56	IS 3025 (Part 58) – 2006 (RA 2017)
8.	Sulfide as S	mg/L	3.6	1.6	APHA 23rd EDt2017, 4500 –S ²⁻ F
9.	Cyanide as CN	mg/L	<0.05	<0.05	APHA 23 nd Edn 2017, 4500 – CN-C, E
10.	Total Phosphate as PO₄	mg/L	<0.5	<0.5	APHA 23rdEdn 2017 - 4500 P-B,E
11.	Phenolic compounds as C ₆ H ₅ OH	mg/L	<0.1	<0.1	APHA 23rd Edn 2017 – 5530 B, C
12.	Hexavalent Chromium as Cr6+	mg/L	<0.05	<0.05	APHA 23rd Edn 2017 - 3500 Cr - B
13.	Lead as Pb	mg/L	<0.07	<0.07	APHA 23rd Edn 2017 -3111 B

Note: <MDL indicates Less than minimum detectable limit. Statement to the effect that the results relate only to the items tested.

Assistant Director (Lab), TNPCB/AEL/CUDDALORE.



# REPORT OF ANALYSIS

## ROA NO 07/449 & 07/450 Dt 27.07.2023

Name & Address of the sender		District Environmental Er Tamilnadu Pollution Conti	Date of Analysis	03.07.2023	
Nature & Number of samples.		2 Number of Trade Effluent sample	Sample Quantity	Sealed and Fastened in 2.5 L polythene container	
Date & Time of sample collection		03.07.2023 at 13.30 Hrs Date & Time of sample receipt at the lab		03.07.2023	at 15.30 Hrs
Doint of Collection	1.	RO Permeate	Page No	1 of 1	
Point of Collection	2.	RO Reject	raye No	1 01 1	

SI.	DEE Code no		KN	KN	
No			07/03	07/04	
	Lab Code no		449	450	Tested as per APHA23rd edition 2017
	Parameters	Unit		and the same of the	
1.	pH @ 25° C	No.	6.38	7.65	APHA 23rdEdn 2017 – 4500 H ⁺ B
2.	Total Suspended Solids @ 105 C	mg/L	12	22	APHA 23 rd Edn2017 – 2540D
3.	Total Dissolved Solids @ 180°C	mg/L	98.0,	11180	APHA 23rdEdn 2017 - 2540 C
4.	Chloride as Cl	mg/L	37	4723	APHA 23 rd Edn 2017- 4500 - Cl ⁻ B
5.	Sulphate as SO ₄	mg/L	08	980	APHA 23rdEdn 2017-4500- SO ₄ ² E
6.	BOD @ 27°C 3 days	mg/L	3.0	26.0	IS 3025 (Part 44) - 1993 (RA : 2009)
7.	COD	mg/L	24	120	IS 3025 (Part 58) - 2006 (RA 2017)
8.	Sulfide as S	mg/L	1.2	3.2	APHA 23rd EDt2017, 4500 –S ²⁻ F
9.	Cyanide as CN	mg/L	<0.05	<0.05	APHA 23 nd Edn 2017, 4500 – CN-C, E
10.	Total Phosphate as PO₄	mg/L	<0.5	<0.5	APHA 23rdEdn 2017 - 4500 P-B,E
11.	Phenolic compounds as C ₆ H ₅ OH	mg/L	<0.1	<0.1	APHA 23rd Edn 2017 – 5530 B, C
12.	Hexavalent Chromium as Cr6+	mg/L	<0.05	<0.05	APHA 23rd Edn 2017 - 3500 Cr - B
13.	Lead as Pb	mg/L	<0.07	<0.07	APHA 23rd Edn 2017 -3111 B

Note: <MDL indicates Less than minimum detectable limit. Statement to the effect that the results relate only to the items tested.

Assistant Director (Lab), TNPCB/AEL/CUDDALORE.



## ROA NO: 07/451 Dt 27/07/2023

Name & Address		District Environmental E	Date of	03.07.2023		
of the sender		Tamilnadu Pollution Cor	Analysis			
Nature & Number of	:	1 Number of Sewage	Sealed and Fastened in			
samples.		samples		2.5 L polythene container		
Date & Time of		03.07.2023 at 13:50	Date & Time of sample	03.07.2023	at 15:30 Hrs	
sample collection		Hrs	receipt at the lab			
Point of Collection	1.	STP Outlet	•	Page N	lo 1 of 1	

SI. No	DEE Code no		KN 07/05	
	Lab Code no		451	Tested as per APHA23rd edition 2017
	Parameters	Unit		
1.	рН @ 25° C	No.	7.48	APHA 23rdEdn 2017 – 4500 H ⁺ B
2.	Total Suspended Solids @ 105 C	mg/L	18	APHA 23 rd Edn2017 – 2540D
3.	BOD @ 27°C 3 days	mg/L	6.0	IS 3025 (Part 44) - 1993 (RA: 2009)
4.	COD	mg/L	24	IS 3025 (Part 58) – 2006 (RA 2017)
5.	Ammoniacal nitrogen as NH ₃ -N	mg/L	3.36	APHA 23rd Edn 2017 - 4500-NH ₃ , B, C
6.	Total Kjeldhal Nitrogen	mg/L	6.72	APHA 23rd Edn 2017 - 4500-N _{org} -B

Note: <MDL indicates Less than minimum detectable limit.* Statement to the effect that the results relate only to the items tested.

Assistant Director (Lab), TNPCB/AEL/CUDDALORE



# REPORT OF ANALYSIS

ROA NO: 12/1455, 12/1456 & 12/1457 Dt:15.02.2024

Name & Address of the sender		District Environmental E Tamilnadu Pollution Cor	istrict Environmental Engineer, amilnadu Pollution Control Board,Cuddalore.			
Nature & Number of samples.	:	03 Number of Trade Effluent samples	Sample Quantity	2.5 L polyth	Fastened in ene	
Date & Time of sample collection		26 12.2023 at 14:00Hrs	Date & Time of sample receipt at the lab	container 26.12.2023 at 18:00 Hrs		
Point of Collection	1. 2. 3.	RO Feed RO Permeate RO Reject		Page N	o 1 of 1	

•					
		KN 12/37	KN 12/38	KN 12/39	
Lab Code No.	Unit			12/00	Test Method
Parameters		1455	1456	1457	
pH @ 25°C	_	4.63	7.01	6.00	APHA 23rd Edn 2017, 4500 H+ B
Total Suspended solids @ 105°C	mg/L	16	16	18	APHA 23rd Edn 2017, 2540 D
Total Dissolved Solids @ 180°C	mg/L	3730	130	8080	APHA 23rd Edn 2017, 2540-C
Chloride as Cl	mg/L	1349	35	3498	APHA 23rd Edn 2017, 4500-Cl B
Sulphate as SO ₄	f mg/L	490	25	1110	APHA 23rd Edn 2017 4500-SO ₄ ² - E
BOD (3 days @ 27°C)	mg/L	**	14	51.0	IS 3025 (Part – 44) :1993, Reaff: 2009
COD	mg/L	**	56.0	408	IS 3025 (Part – 58), Reaff 2006
Total Kjeldahl Nitrogen	mg/L	<0.1	<0.1	<0.1	APHA 23rd Edn 2017-4500-N-B
Phosphates	mg/L	<0.5	<0.5	<0.5	APHA 23rd Edn 2017-4500-P-E
Sulphide	mg/L	<1	<1	<1	APHA 23rd Edn 2017-4500-NH ₃ C
Lead	mg/L	0.403	0.354	0.432	APHA 23rd Edn 2017 - 3111 - B
Cyanide	mg/L	<0.05	<0.05	<0.05	APHA 23rd Edn 2017, 4500 - CN'E
	mg/L	<0.05	<0.05	<0.05	APHA 23rd Edn 2017,-3500-Cr-B
	Lab Code No.  Parameters  pH @ 25°C  Total Suspended solids @ 105°C  Total Dissolved Solids @ 180°C  Chloride as Cl  Sulphate as SO ₄ BOD (3 days @ 27°C)  COD  Total Kjeldahl Nitrogen  Phosphates  Sulphide  Lead	Lab Code No.  Parameters  pH @ 25°C  Total Suspended solids @ 105°C  mg/L  Total Dissolved Solids @ 180°C  mg/L  Chloride as Cl  Sulphate as SO ₄ BOD (3 days @ 27°C)  COD  mg/L  Total Kjeldahl Nitrogen  Phosphates  Sulphide  Lead  Cyanide  Hexavalent Chromium  Multipers  Unit  Horital Nitrogen  mg/L  mg/L  mg/L  mg/L  mg/L  mg/L  mg/L  mg/L	Lab Code No.  Parameters  pH @ 25°C  Total Suspended solids @ 105°C  Mg/L  Total Dissolved Solids @ 180°C  Chloride as Cl  Sulphate as SO ₄ BOD (3 days @ 27°C)  Total Kjeldahl Nitrogen  Phosphates  Sulphide  Lead  Cyanide  Hexavalent Chromium  Mark  12/37  1455  4.63  7 4.63  7 4.63  7 7 4.63  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Lab Code No. Parameters  pH @ 25°C  Total Suspended solids @ 105°C  mg/L  Total Dissolved Solids @ 180°C  mg/L  Total Dissolved Solids @ 180°C  Chloride as Cl  Sulphate as SO ₄ BOD (3 days @ 27°C)  Total Kjeldahl Nitrogen  Phosphates  mg/L  Mg/	Lab Code No.  Parameters  pH @ 25°C  Total Suspended solids @ 105°C  mg/L  Total Dissolved Solids @ 180°C  Chloride as Cl  Sulphate as SO ₄ BOD (3 days @ 27°C)  Total Kjeldahl Nitrogen  Phosphates  mg/L  Total Kjeldahl Nitrogen  Phosphates  mg/L  Mg/

Note: <MDL indicates Less than minimum detectable limit.

Statement to the effect that the results relate only to the items tested. ** Acidic pH BOD, COD cannot be ascertained

Chief Scientific Officer, TNPCB/AEL/CUDDALORE

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# REPORT OF ANALYSIS

ROA NO: 12/1454 Dt: 19.02.2024

Name & Address of the sender		District Environmental Tamilnadu Pollution Co	trict Environmental Engineer, milnadu Pollution Control Board, Cuddalore.		
Nature & Number of samples.	÷	01 Number of Trade Effluent samples	Sample Quantity	Sealed and 2.5 L polyth container	Fastened in ene
Date & Time of sample collection		26.12.2023 at 14.00 Hrs	Date & Time of sample receipt at the lab		at 18:00 Hrs
Point of Collection	1.	ETP Inlet		Page N	No 1 of 1

	<del></del>	100		
SI.	DEE Code No.		KN 12/36	*
No.		Unit		Test Method
	Parameters		1454	
1.	pH @ 25°C	_	1.18	APHA 23rd Edn 2017, 4500 H+ B
2.	Total Suspended solids @ 105°C	mg/L	18	APHA 23rd Edn 2017, 2540 D
3.	Total Dissolved Solids @ 180°C	mg/L	29620	APHA 23rd Edn 2017, 2540-C
4.	Chloride as Cl	mg/L	<5.0	APHA 23rd Edn 2017, 4500-CI B
5.	Sulphate as SO₄	mg/L	13240	APHA 23rd Edn 2017 4500-SO ₄ 2 E
6.	BOD (3 days @ 27°C)	mg/L	**	IS 3025 (Part – 44) :1993, Reaff: 2009
7.	COD	mg/L	**	IS 3025 (Part – 58), Reaff 2006
8.	Phenolic Compounds	mg/L	<0.1	APHA 23 rd Edi 2017 – 5530 - C
9.	Phosphates	mg/L	5.0	APHA 23rd Edn 2017-4500-P-E
10.	Sulphide	mg/L	<1.0	APHA 23 rd Edi 2017-4500 S ²⁻ F
11.	Lead	mg/L	0.594	APHA 23rd Edn 2017 - 3111 - B
12.	Cyanide	mg/L	<0.05	APHA 23rd Edn 2017, 4500 - CN ⁻ E
13.	Hexavalent Chromium	mg/L	<0.05	APHA 23rd Edn 2017,-3500-Cr-B
Note	<mdi aco="" as<="" i="" indicator="" td="" them=""><td></td><td></td><td></td></mdi>			

Note: <MDL indicates Less than minimum detectable limit.
Statement to the effect that the results relate only to the items tested.
** Acidic P^H – BOD, COD cannot be ascertained

Chief Scientific Officer, TNPCB/AEL/CUDDALORE

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# REPORT OF ANALYSIS

# ROA NO: 05/150 Dt: 03.07.2023

Name & Address of the sender			istrict Environmental Engineer, amilnadu Pollution Control Board, Cuddalore.			
Nature & Number of samples.	:	1 Number of Sewage samples	Sample Quantity		Fastened in ene container	
Date & Time of sample collection		08 05.2023 at 12.10 Hrs	Date & Time of sample receipt at the lab	08.05.2023		
Point of Collection	1.	STP Outlet.		Page N	No 1 of 1	

SI. No	DEE Code no		KN 05/ 01	
	Lab Code no		150	Tested as per APHA23rd edition 2017
	Parameters	Unit		
1.	pH @ 25° C	No.	8.1	APHA 23rdEdn 2017 – 4500 H ⁺ B
2.	Total Suspended Solids @ 105 C	mg/L	8 /	APHA 23 rd Edn2017 2540D
3.	BOD @ 27°C 3 days	mg/L	6.0	IS 3025 (Part 44) - 1993 (RA : 2009)
4.	COD	mg/L	32	IS 3025 (Part 58) – 2006 (RA 2017)
5.	Ammoniacal nitrogen as NH ₃ -N	mg/L	5.6	APHA 23rd Edn 2017 - 4500-NH ₃ , B, C
6.	Total Kjeldhal Nitrogen	mġ/L	9.52	APHA 23rd Edn 2017 - 4500-N _{org} -B

Note: <MDL indicates Less than minimum detectable limit. Statement to the effect that the results relate only to the items tested.

Assistant Director (Lab), TNPCB/AEL/CUDDALORE.

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# Report of Analysis (ROA) Summary: Noise Survey

Month: May 2023

S. No.	Location	Duration (in min)	Distance (in m)	Leq (in dB)	Min (in dB)	Max (in dB)	Ambient Noise Standard (in dB)
1	Near Northern side Compound Wall	10	100	61.3	54.9	67.6	75.00
2	Near North East side Compound Wall	10	220	60.5	55.9	66.8	75.00
3	Near Eastern Side Compound Wall	10	220	61.4	56.9	66.8	75.00
4	Near ETP	10	260	61.5	56.9	67.4	75.00
5	Near Old Gate	10	200	61.1	55.8	67.1	75.00

Month: June 2023

S. No.	Location	Duration (in min)	Distance (in m)	Leq (in dB)	Min (in dB)	Max (in dB)	Ambient Noise Standard (in dB)
1	Near Northern side Compound Wall	10	100	50.6	43.4	57.4	75.00
2	Near North East side Compound Wall	10	220	53.2	42.6	61.2	75.00
3	Near Eastern Side Compound Wall	10	220	51.1	41.7	64.7	75.00
4	Near ETP	10	260	52.8	40.2	67.7	75.00
5	Near Southern side Compound Wall	10	160	57.1	48.8	61.8	75.00
6	Near Old Gate	10	200	54.1	47.2	61.8	75.00

Month: October 2023

S. No.	Location	Duration (in min)	Distance (in m)	Leq (in dB)	Min (in dB)	Max (in dB)	Ambient Noise Standard (in dB)
1	Near Northern side Compound Wall	10	100	59.0	55.6	70.7	75.00
2	Near North East side Compound Wall	10	220	64.3	56.8	83.9	75.00
3	Near Eastern Side Compound Wall	10	220	53.6	51.4	62.1	75.00
4	Near ETP	10	260	63.8	57.3	82.4	75.00
5	Near Old Gate	10	200	51.5	47.5	70.2	75.00

1 Name of the Indian	
1 Name of the Industry	M/s. Asian Paints Ltd,
2 Address of the Industry	(Penta Division)
2 Address of the Industry	B-5 To B-10 Sipcot Industrial Complex,
3 Data of Co.	Cuddalore – 5.
3 Date of Survey Category R-I	03.05.2023
T	Land use Classification Industrial
Type of Survey Ambient	Time of Supray
Meteorological conditions	Calm

Logging Parameters

Instrument Used	Logging Parame		
Logging Interval			
55 · 19 · 110 · 140	10 Minutes at each point	Measuring R	lange 50 - 110 dBA
Weighting	"Δ"		
		Time	FAST
Sound	Frontal	Weighting	
Incidence		Time in hrs.	14.30 - 15.30 Hrs

# Report of Noise Level Monitoring

SI. No.	Location	T			T		
		Duration (min)	Distance (m)	Direction	Sour	ıd Level –	· dB(A)
1	Near Northern side Compound wall				Leg	Min	Max
2	Near North East side Compound	10	100	N	61.3	54.9	67.6
	wall	10	220	NE	60.5	55.9	66.8
3	Near Eastern side Compound wall	1.5				00.0	00.0
4	Near ETP	10	220	E	61.4	56.9	66.8
		10	260	SE	61.5	56.9	
5	Near Old gate	10	200	CIAZ			67.4
			200	SW	61.1	55.8	67.1

Dy.CSO

Assistant Director (Lab),
TNPCB/AEL/CUDDALORE

# TAMIL NADU POLLUTION CONTROL BOARD Report of Analysis.

1 Name of the Indian					
1 Name of the Industry	M/s. Asian Paints Ltd,				
	(Captive Power Plant)				
Address of the Industry	P. 5. To D. 40. O:				
	B-5 To B-10 Sipcot Industrial Co	mplex.			
3 Date of Survey	Cuddalore – 5.	• ,			
- 1 Date of Ourvey	15.06.2023				
Category R-L	Land use Oi is				
Type of Survey Ambient	Land use Classification	ndustrial			
Veteorological and it		Dav			
Meteorological conditions	Calm				

# **Logging Parameters**

Instrument Used Logging Interval	CASELLA No: 5007321 10 Minutes at each point	Measuring Ra	ange 50 – 110 dBA
Weighting Sound Incidence	"A" Frontal	Time Weighting Time in hrs.	FAST 11.30 – 12.30 Hrs

# Report of Noise Level Monitoring

SI. No.	Location	Duration (min)	Distance (m)	Direction	Sour	nd Level -	- dB(A)
1	Near Northern side Compound				Leq	Min	Max
	wall	10	100	N	50.6	43.4	57.4
2	Near North East side Compound wall	10	220	NE	53.2	42.6	61.2
3	Near Eastern side Compound wall	10	220	E	51.1	41.7	-
4	Near ETP				01.1	41.7	64.7
		10	260	SE	52.8	40.2	67.7
5	Near Southern side Compound wall	10	160	S	57.1	48.8	61.8
6	Near Old gate					70.0	01.6
	July 3410	10	200	sw	54.1	47.2	61.8

Dy.CSO

Assistant Director (Lab),
TNPCB/AEL/CUDDALORE



1	Name of the	Industry	M/s. Asian Paints Ltd, (Penta Division)				
2	Address of t	he Industry	B-5 To B-10 Sipcot Industrial Complex,				
			Cuddalore – 5.				
3	Date of Surv	ey	16.10.2023 to 17.10.2023				
Cat	egory	R-L	Land use Classification	Industrial			
Type of Survey Ambient		Ambient	Time of Survey	Day			
Meteorological conditions			Calm				

**Logging Parameters** 

Instrument	Used	CASELLA No: 5007321			
Logging Interval 1		10 Minutes at each point	Measuring Range 50 – 110 dBA		
Weighting		"A"	Time Weighting	FAST	
Sound Incidence		Frontal	Time in hrs.	14.30 – 15.30 Hrs	

# Report of Noise Level Monitoring

SI. No.	Location	Duration (min)	Distance (m)	Direction	Sound Level – dB(A)			
	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	ے ت	ے ت		Lea	Min	Max	
1	Near Northern side Compound wall	10	100	N	59.0	55.6	70.7	
2	Near North East side Compound wall	10	220	NE	64.3	56.8	83.9	
3	Near Eastern side Compound wall	10	220	Е	53.6	51.4	62.1	
4	Near ETP	10	260	SE	63.8	57.3	82.4	
5	Near Old gate	10	200	SW	51.5	47.5	70.2	

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Deputy Chief Scientific Officer (a/c),
TNPCB/AEL/CUDDALORE

# Report of Analysis (ROA) Summary: Stack Emission Monitoring

Month: May 2023

S. No.	Stack attached to	Stack Temperature °K	Flue Gas Velocity in (m/sec)	Gas Discharg e Rate in (Nm³/hr)	PM in mg/Nm ³	SO ₂ in mg/Nm ³	NO _x in mg/Nm ³
1	DG Set I – 600 KVA	468	15.56	1747	46.78	19.2	70
2	Sodium Formate dryer – Wet Scrubber outlet	315	13.49	358	41.66	15	62
3	Mono Pentaerithiritol dryer - Wet Scrubber outlet	319	8.81	930	43.65	16	35.2
4	Di Pentaerithiritol dryer - Wet Scrubber outlet	321	9.37	1534	42.15	17	65
5	Fluid Bed dryer – Bag filter outlet	335	11.06	276	48.03	18	60

Month: October 2023

S. No.	Stack attached to	Stack Temperature °K	Flue Gas Velocity in (m/sec)	Gas Discharg e Rate in (Nm³/hr)	PM in mg/Nm ³	SO ₂ in mg/Nm ³	NO _x in mg/Nm ³
1	DG Set I – 600 KVA	463	17.60	1998	51.5	32	153
2	DG Set I – 500 KVA	448	16.09	1887	45.1	21	122
3	Sodium Formate dryer – Wet Scrubber outlet	318	14.25	375	46.1	-	-
4	Mono Pentaerithiritol dryer - Wet Scrubber outlet	322	10.84	1134	46.7	-	-
5	Di Pentaerithiritol dryer - Wet Scrubber outlet	319	8.24	1357	44.4	-	-
6	Fluid Bed dryer – Bag filter outlet	338	12.0	297	50.0	-	-



1. Name of the Industry

: M/s. Asian Paints - (Penta Division)

2. Address of the industry

: B-5 To B - 10 Sipcot Industrial Complex,

Cuddalore - 5.

3. Date of Survey

: 03.05.2023

# Stack Monitoring Survey Results

SI. No	Stack attached to	np %	Velocity )	Gas Discharge Rate in (Nm³/hr)	Pollutants (mg/Nm³)		
		Stack Temp °k	Flue Gas Velocity in (m/Sec)		РМ	SO ₂	NO _x
1	DG set I - 600 KVA Fuel: Diesel APC: Stack	468	15.56	1747	46.78	19.2	70
2	Sodium Formate dryer – Wet scrubber outlet  Fuel: Nil	315	13.49	358	41.66	15	62
3	Mono Pentaerithiritol dryer – Wet scrubber outlet  Fuel: Nil	319	8.81	930	43.65	16	35.2
4	Di Pentaerithiritol dryer – Wet scrubber outlet  Fuel: Nil	321	9.37	1534	42.15	17	65
5	Fluid Bed dryer – Bag filter outlet  Fuel: Nil	335	11.06	276	48.03	18	60

Dy.CSO

Assistant Director (Lab),
TNPCB/AEL/CUDDALORE



1. Name of the Industry

: M/s. Asian Paints - (Penta Division)

2. Address of the Industry

: B-5 To B – 10 Sipcot Industrial Complex,

Cuddalore - 5.

3. Date of Survey

: 16.10.2023 to 17.10.2023

# Stack Monitoring Survey Results

SI. No	Stack attached to	8	ocity	Gas Discharge Rate in (Nm³/hr)	Pollutants (mg/Nm³)			
		Stack Temp 6	Flue Gas Velocity in (m/Sec)					
					РМ	SO ₂	NO _x	
1	DG set I - 600 KVA Fuel: Diesel APC: Stack	463	17.60	1998	51.5	32	153	
2	DG set I - 500 KVA Fuel: Diesel APC: Stack	448	16.09	1887	45.1	21	122	
3	Sodium Formate dryer – Wet scrubber outlet Fuel : Nil	318	14.25	375	46.1			
4	Mono Pentaerithiritol dryer – Wet scrubber outlet Fuel : Nil	322	10.84	1134	46.7		-	
5	Di Pentaerithiritol dryer – Wet scrubber outlet Fuel: Nil	319	8.24	1357	44.4	-	-	
6	Fluid Bed dryer – Bag filter outlet Fuel : Nil	338	12.0	297	50.0	-	_	

ES

Deputy Chief Scientific Officer (a/c),
TNPCB/AEL/CUDDALORE