

Ref No: - MOEF/EC Compliance /2025/05/05

29st May 2025

To

The Additional Director (S),
Ministry of Environment, Forests and Climate Change,
Indira Paryavaran Bhawan,
Jorbagh Road,
New Delhi - 110 003

Reference:

1. Letter No.J-11011/990/2007 - IA II (I) Dated 23rd June 2008.
2. Letter No.J-11011/990/2007 - IA II (I) Dated 30th November 2015.

Subject: Submission of Half yearly condition wise compliance Report of Environmental clearance for the period of Oct'24 to Mar'25.

Dear Sir,

We are herewith submitting our Half - Yearly compliance report for the conditions laid down in Environmental Clearance for the period of Oct'2024 to Mar'2025.

We assure that we are committed to the continual improvement in all our activities towards environmental protection and management.

Request you to acknowledge the receipt of this letter.

Thanking You,

For Asian Paints Limited Ltd - Patancheru



Vagvala Harikrishna



Associate General Manager

Condition Wise Compliance as per Environmental Clearance issued by MoEF		
	Reference - J-11011/46/96-IA.II (I) - dated 30.04.1997	
S. No	Condition	Compliance
i.	The project authorities must adhere to the stipulations made by the State Pollution Control Board and the State Government.	Adhered to the stipulations made by the State Pollution Control Board Annexure - I
ii.	No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment and Forests.	Noted and complied
iii.	The Emissions from various units should conform to the standards prescribed by the concerned authorities from time to time. At no time, the emissions should go beyond the prescribed standards. In event of failure of any pollution control system adopted by the units, the respective unit should be put out of operation immediately and should not be restarted until the control systems are rectified to achieve the desired efficiency. Monitoring of ambient air quality and stack emissions should be carried out periodically in consultation with the State Pollution Control Board and report submitted on quarterly basis.	The AAQ and emissions are being monitored on a monthly basis. The monitored data show that the values are within the limit. Monitoring reports are being submitted to the Regional office of TSPCB. Respective unit will not be restarted in the event of failure of pollution control system till it gets rectified. Annexure - II

iv.	Liquid effluent generated should be treated so as to meet the following minimum standards as given under EPA Rules :- a. pH 6.0-8.5 b. Oil & Grease 10 mg/l c. Suspended Solids 100 mg/l d. BOD₃ (at 27°C) 50 mg/l e. Phenolics as C₆H₅OH 1 mg/l f. Lead as Pb 0.1 mg/l g. Hexavalent Chromium 0.1 mg/l Total Chromium 2.0 mg/l h. Copper as Cu 2.0 mg/l i. Nickel as Ni 2.0 mg/l j. Zinc as Zn 5.0 mg/l k. Total heavy metal 7.0 mg/l	Analysis of Treated effluent is carried out once in a month through MOEF - CC approved Lab along with heavy metal analysis. Annexure - III
	The quantity and quality (including general parameters) of the treated effluent should be measured regularly and data so collected should be submitted to this Ministry once in six months. The effluent would also be required to meet any additional stipulation laid down by the State Pollution Control Board	Effluent analysis (including general parameters) is carried out on a monthly basis and the test reports are submitted to TSPCB along with the quantity of effluent generated. Annexure - III & Annexure - IV
	The Waste Water should be recycled to the extent possible. Final treated effluent should be subjected to "Bio-Assay Test" (90% survival after 96 hours in 100% effluent as per TS: 6582-1971) regularly. The monitored data should be submitted to this Ministry as well the State Pollution Control Board in every six months with other reports.	Final treated effluent is subjected to "Bio-Assay Test" (90% survival after 96 hours in 100% effluent as per TS: 6582-1971) on a monthly basis through MOEF- CC approved lab. Annexure - V
v.	The project authorities should comply with the provisions of Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended on 3rd October, 1994.	The unit is complied with MSIHC Rules.

	Disposal of all hazardous wastes should be on accordance with the Hazardous Wastes (Management and Handling) Rules, 1989. Authorization for disposal of waste should be obtained from State Pollution Control Board.	Hazardous waste is disposed in accordance with HW management rules. Authorization for disposal of waste has been obtained from TSPCB. Hazardous Waste Authorization- 220822992938 Issue date: 25.06.2022, Due date: 30-06-2026 Annexure-VI
vi.	A secured landfill should be developed as per the MoEF guidelines for Management and Handling of Hazardous Wastes for the accumulated as well as additional wastes to be generated by providing impervious lining including leachate collection system and sump duly approved by the State Government. The leachate containing heavy metals should be put back to ETP to achieve prescribed standards. Steps should also be taken immediately to provide similar arrangement for disposal of solid waste from the existing operations including ETP sludge. The expansion project must be taken up only after the system is commissioned. Observation wells should be developed and ground water quality be monitored regularly around solid waste disposal site(s) and report submitted to this Ministry as well as the State Pollution Control Board along with other compliance reports.	The Hazardous waste is stored in Leachate proof storage area and is disposed off to TSPCB authorized disposal facility. ETP Sludge from operation is disposed off to TSPCB Authorized Disposal facility. Observation wells developed and the ground water quality analysis is carried out monthly by MOEF - CC approved external laboratory and the test reports are submitted to TSPCB on Monthly basis. Annexure - VII
viii.	Study should be carried out to fix or immobilise heavy metals present in the sludge in blocks of suitable impervious material and after leachate tests show that over 99% of the heavy metals get fixed.	Leachate test is carried out. Annexure - VIII

ix.	Adequate measures for control of noise should be taken so as to keep noise levels below 85 dB in the work environment. Persons working near the machines like blowers, compressors etc. should be provided with well designed ear muffs/ plugs. Besides measures should be taken to reduce the noise by engineering methods.	Noted and complied Annexure - IX
x.	Occupational health surveillance programme should be undertaken as a regular exercise for employees especially engaged in handling hazardous substances.	Acoustic enclosures are provided for the machines like DG Sets, blowers, compressors and also well designed ear muffs/ plugs are provided. Occupational health surveillance is being carried out once in a half year to the employees and the records are being maintained as per factories act. Annexure - X
xi.	A green belt of adequate width & density should be raised within & outside the plant premise using native plant species.	Green belt is raised as per requirement.
xii.	A separate environmental management cell with suitably qualified personnel to carry out various functions should be set up under the control of Senior Executive who will report directly to Head of the Organization.	A separate EHS cell is formed with suitable qualified Executives and Manager, Manager will be reporting to the local management representative, and he reports to Associate General manager who is Head of the Plant.
xiii.	The project authority must set up laboratory facilities for collection & analysis of samples under the supervision of a competent technical personnel who will directly report to the Chief Executive.	A full fledged laboratory is set up for collection & analysis of samples. A trained Operator will carry out this activity and he will be reporting to the EHS Manager
xiv.	The funds earmarked for environmental protection measures should be kept in a separate account and should not be diverted for other purposes and year wise expenditure should be reported to this Ministry.	Reportedly adequate funds have been earmarked for environmental protection measures. These funds are not diverted for any other purpose. Annexure - IX

Annexures

Annexure - I	Condition Wise Compliance report - CFO
Annexure - II	Report on Ambient Air Quality & Emission reports of Chimneys
Annexure - III	Test reports of treated Effluent
Annexure - IV	Report on quantity of Effluent generated for the last six months
Annexure - V	Test report of treated water for Bioassay test
Annexure - VI	Hazardous Waste Authorization (Consent)
Annexure - VII	Test reports of Ground water
Annexure - VIII	Test reports of Leachate
Annexure - IX	Test report of Noise Monitoring
Annexure - X	Medical check-up reports of employees
Annexure - XI	Environmental budget
Annexure - XII	Awareness on Single use plastic ban

Annexure-I

Condition Wise Compliance report - CFO

Ref No - TGPCB: RO I - Sangareddy /HYCR/2025/2/05

25th Feb 2025

To,

The Environmental Engineer,
Regional Office,
Telangana Pollution Control Board,
Sangareddy District.

Subject: Submission of report on

1. Condition-wise compliance report against CFO as per Point 8 of Schedule C

Dear Sir,

Please find enclosed Condition wise compliance report for the period from July 2024 to December 2024.

We assure you that we are committed to the continual improvement in all our activities towards environmental protection and management.

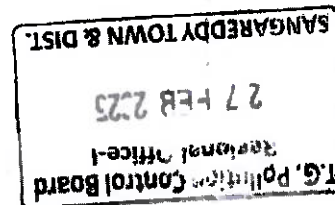
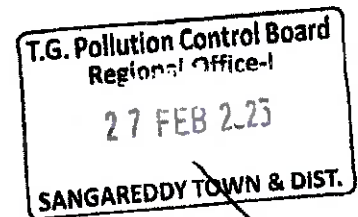
Request you to acknowledge on receipt of this letter.

Thanking you

For Asian Paints Ltd - Patancheru


Vagvala Harikrishna,
Associate General Manager

CC-HO, Sanath Nagar



Registered Office : Asian Paints Limited, 6A & 6B, Shantinagar, Santacruz (East), Mumbai - 400 055, Maharashtra, India, Tel : (022) 6218 1000

Corporate Identification Number : L24220MH1945PLC004598
For shares related queries, email to investor.relations@asianpaints.com
For consumer queries, email to customercare@asianpaints.com

**HALF-YEARLY COMPLIANCE REPORT
(Jul'24 - Dec'24)**

**Asian Paints Limited
Patancheru Plant
Sangareddy District
Telangana State
502319**

**Submitted to
Telangana State Pollution Control Board
Regional office, Sangareddy**

Classification: Internal

Internal

**Condition-wise compliance report against CFO
(Refer to Point 8 of Schedule C)**

SCHEDULE-B																																												
S.No	Condition	Status																																										
1	Total fresh water consumption shall not exceed 350 KLD <table><tr><th>S. No</th><th>Purpose</th><th>Quantity KLD</th></tr><tr><td>1</td><td>Process and Washings</td><td>87.0</td></tr><tr><td>2</td><td>Boiler Feed</td><td>83.0</td></tr><tr><td>3</td><td>Cooling</td><td>80.0</td></tr><tr><td>4</td><td>Domestic</td><td>100.0</td></tr><tr><td></td><td>Total</td><td>350.0 KLD</td></tr></table>	S. No	Purpose	Quantity KLD	1	Process and Washings	87.0	2	Boiler Feed	83.0	3	Cooling	80.0	4	Domestic	100.0		Total	350.0 KLD	Complied																								
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2	During the maintenance / Breakdown of ZLD, the pre-treated effluent sent to CETP for a period of maximum 15 days in calendar year, duly meeting the following inlet standards. <table><tr><th>Parameter</th><th>Limiting Standards</th></tr><tr><td>pH</td><td>5.5-9</td></tr><tr><td>Temperature</td><td>45.0</td></tr><tr><td>Total dissolved solids (Inorganic)</td><td>5000 mg/l</td></tr><tr><td>Oil and grease</td><td>20 mg/l</td></tr><tr><td>Phenolic compounds (as C6H5OH)</td><td>5 mg/l</td></tr><tr><td>Ammonical Nitrogen (as N)</td><td>50 mg/l</td></tr><tr><td>Cyanide (as CN)</td><td>2 mg/l</td></tr><tr><td>Chromium Hexavalent (as Cr+6)</td><td>2 mg/l</td></tr><tr><td>Chromium Total (as Cr)</td><td>2 mg/l</td></tr><tr><td>copper (as Cu)</td><td>3 mg/l</td></tr><tr><td>Lead (as Pb)</td><td>1 mg/l</td></tr><tr><td>Nickel (as Ni)</td><td>3 mg/l</td></tr><tr><td>Zinc (as Zn)</td><td>15 mg/l</td></tr><tr><td>Arsenic (as As)</td><td>0.2 mg/l</td></tr><tr><td>Mercury (as Hg)</td><td>0.01 mg/l</td></tr><tr><td>Cadmium (as Cd)</td><td>1 mg/l</td></tr><tr><td>Selenium (as Se)</td><td>0.05 mg/l</td></tr><tr><td>Fluoride (as F)</td><td>15 mg/l</td></tr><tr><td>Boron (as B)</td><td>2 mg/l</td></tr><tr><td>COD</td><td>15000 mg/l</td></tr></table>	Parameter	Limiting Standards	pH	5.5-9	Temperature	45.0	Total dissolved solids (Inorganic)	5000 mg/l	Oil and grease	20 mg/l	Phenolic compounds (as C6H5OH)	5 mg/l	Ammonical Nitrogen (as N)	50 mg/l	Cyanide (as CN)	2 mg/l	Chromium Hexavalent (as Cr+6)	2 mg/l	Chromium Total (as Cr)	2 mg/l	copper (as Cu)	3 mg/l	Lead (as Pb)	1 mg/l	Nickel (as Ni)	3 mg/l	Zinc (as Zn)	15 mg/l	Arsenic (as As)	0.2 mg/l	Mercury (as Hg)	0.01 mg/l	Cadmium (as Cd)	1 mg/l	Selenium (as Se)	0.05 mg/l	Fluoride (as F)	15 mg/l	Boron (as B)	2 mg/l	COD	15000 mg/l	Noted, will be complied in case of any breakdown
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SCHEDULE-B					
S.No	Condition		Status		
3	The emissions shall not contain constituents in excess of the prescribed limits mentioned below		1 to 5 – Complied, Reports available 6 – The incinerator is not under operation.		
	Chimney No.	Parameter		Emission Standards	
	1 to 5	SPM		115 mg/Nm3	
		Particulates		30 mg/Nm3	
		HCl		50 mg/Nm3	
		SO2		200 mg/Nm3	
		CO		100 mg/Nm3	
		Total Organic Carbon		20 mg/Nm3	
		HF		4 mg/Nm3	
		6		NOx (NO and NO2)	400 mg/Nm3
				Hydrocarbons	10 PPM
				Total Dioxins and Furans	0.1 n TEQ/Nm3
				Metals	
				Cd + Th (and Its compounds)	0.05 m /Nm3
	Hg (and Its compounds)			0.05 m /Nm3	
	Sb + As +Pb + co + cr + cu + Mn + Ni + V (and Its compounds)	0.5 mg/Nm3			
	4	The industry shall not manufacture any un-consented products and exceeding capacities Without obtaining prior Consent for Establishment (CFE) and Consent for Operation (CFO) of the Board.		Complied	
5	The industry shall comply With emission limits for DG sets upto 800 KW as per the Notification G.S R 520 (E), dated 01.07 2003 under the Environment (Protection) Amendment Rules, 2003 and G S R 448(E), dated 12 07 2004 under the Environment (Protection) Second Amendment Rules, 2004 In case of DG sets more than 800 KW should comply With emission limits as per the Notification G S R 489 (E), dated 09 07 2002 at serial no 96, under the Environment (Protection) Act, 1986..		Complied		
6	The Industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10m) - 100 g/ m3, PM2.5 (Particulate Matter Size less than 2.5 pm) - 60 g/m3, SO2 - 80 g/ m3, NOX, - 80 g/m3. outside the factory premises at the periphery of the industry. Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No B-29016/20/90/PCI-I, dated 18.11.2009. Noise Levels Day time - (6 AM to 10 PM) - 75 dB (A) Night time - (10 PM to 6 AM) - 70 dB (A)		Complied		

SCHEDULE-8		
S.No	Condition	Status
7	The industry has paid CFO fee or Rs 32, 75,000/- for a period up to 30.06.2026	Complied
8	The industries either paying annual fee or total fee for Consented period, shall pay the balance fee as per the revised rates as applicable from time to time.	Noted
9	As per the directions of the Hon'ble NGT order dated 24 10 2017, the industry shall contribute corpus fund of 05% on annual turnover of 2016-17, 2017-18, 2018-19 till complete restoration of the entire affected area and till the Tribunal passes appropriate orders. Accordingly, the industry has paid an amount of Rs 2.17 crores towards 0.5% corpus fund on annual turnover for the financial year 2016-17. The industry shall contribute corpus fund contribution shall be continued till complete restoration of the entire affected area and till the Tribunal Passes appropriate orders.	Applied for amendment to remove the point
10	The industry shall maintain separate water meters for recording water consumption for process, boiler feed, cooling and domestic purposes and also maintain daily records.	Complied
11	The industry shall maintain 2 stage scrubbers along with online pH monitoring system for control of process emissions. They shall maintain log book for operation of scrubber for monitoring active scrubbing media.	Applied for amendment to remove the point
12	The industry shall monitor VOCs in ambient air with online VOC analyzer with proper range & connect the same to TSPCB server.	Complied
13	The industry shall maintain elevated platform with leachate/spillage collection Pit to store drums containing chemicals & wastes to control spillages/discharges of chemicals/effluents on ground.	Applied for amendment to remove the point
14	The industry is permitted to send HTDS effluents to the MEE system of M/S JETL Jeedimetla for a period of maximum 15 days in a calendar year i.e. during maintenance / break down of Stripper. MEE & ATFD system and shall maintain records.	Noted, will be complied in case of any breakdown
15	The industry shall provide and operate IP Camera With PAN. Zoom, 5x or above focal length, with night vision capability, at main gate entrance & at other gates where there is movement of Solvent tankers, Chemical tankers, Hazardous Waste carrying vehicles & other material carrying vehicles. Within two months these cameras shall be connected to the website of TSPCB, With minimum backup of three months.	Noted, work in Progress
16	The Industry Shall develop greenbelt as per norms.	Complied
17	The industry shall follow all the rules and regulations under the Manufacture. Storage & Import of Hazardous Chemicals Rules, 1989. framed under the Environment (Protection) Act 1986.	Complied
18	The industry shall follow all the Rules and Regulations under the Chemical Accidents (Emergency Planning, Preparedness & Response) rules, 1996. framed under the Environment (Protection) Act 1986	Complied

SCHEDULE-B		
S.No	Condition	Status
19	The industry shall regularly renew the PLI policy from time to time.	Complied
20	The industry shall carry out mock drills periodically as per the provisions of the Manufacture, Storage & Import of Hazardous Chemicals Rules 1989.	Complied
21	The industry shall provide piezo metric wells around ETP, greenbelt area & other areas where ever the treated effluents are used for on land applications in consultation With RO Sangareddy-I. They shall regularly monitor the ground water quantity & shall furnish consolidated reports on trend analysis of the monitoring reports to RO. Sangareddy-I for every three months and if any variations are noticed on deterioration of ground water quality, the same shall be brought to the notice of the Board Immediately along with plan of action for corrective measures.	Complied, reports available
22	The industry shall provide adequate closed storage facilities above the ground with proper lining for storage of effluents before its treatment.	Applied for amendment to remove the point
23	The industry Shall not use effluents in cooling towers under any circumstances.	Complied
24	The Industry shall take all necessary precautions to avoid seepages outside the industry premises.	Complied
25	The industry shall not discharge any effluent on land within or outside the plant premises.	Complied
26	The industry shall provide storm water drain to avoid mixing of effluent/spillages with run-off water during rains.	Complied
27	The industry shall collect and store the hazardous solid waste in an elevated closed storage shed with impervious lining and leachate collection system.	Complied
28	Under no circumstances the Hazardous Waste shall be burnt in the boiler.	Complied
29	The industry shall provide sufficient storage collection tank to ensure the collection of first run off ran water. The industry shall collect contaminated rainwater and shall dispose the same to the CETP after confirming to the Influent standards of CETP or treat within the premises, duly maintaining separate records.	Complied
30	The industry shall provide arrangement to by-pass the rainwater collection tank of first run off ran water for subsequent water flow.	Complied
31	The industry shall take measures to prevent the seepages such as cement concrete flooring With proper collection system to collect contaminants / spillages in the relevant areas In the industry premises.	Complied

SCHEDULE-B		
S.No	Condition	Status
32	The industry shall ensure that the Port hole and ladder facility for the Stacks is safe to carry out Stack monitoring in place of monkey ladder, spiral type/scaffold ladder shall be provided to ensure safety of monitoring personnel within a period of two months.	Complied
33	The industry shall maintain records on source of starting raw material / Intermediates for each product-wise and the consolidated records shall be submitted to RO. Sangareddy - I every month along with invoice copies of the starting raw materials outsourced.	Applied for amendment to remove the point
34	The industry shall maintain separate energy meters for recording energy consumption for air pollution control equipment and maintain record for daily energy consumption.	Complied
35	The industry shall operate Solvent Recovery Plant within plant premises Solvents shall be recovered to the maximum extent possible and shall be reused. The industry shall submit status of efficiency of Solvent Recovery Plant to the concerned Regional Officer. The industry shall not dispose spent solvents / mixed spent solvents to the traders/ recyclers.	Applied for amendment to update the point
36	(A) The industry shall maintain the following records and the same shall be made available to the Board Officials during the inspection. 1. Daily production details 2. Quantity of Effluents generated and reused 3. Logbooks for pollution control systems 4. Daily solid waste generated and disposed (B) The industry shall submit consolidated statement of the above on monthly basis to the Concerned Regional Office.	Complied
37	The industry shall implement the odour control measures at source of generation and from ETP and shall ensure to maintain the same effectively to control odour problems.	Complied
38	The industry shall ensure that there shall not be any change in process technology and scope of working without prior approval from the Board.	Noted
39	As per G O Rt No 286, the industry shall transport the industrial effluents and plying on the roads is allowed between 6 AM to 6 P M only.	Noted
40	The industry shall maintain concreted internal roads by cleaning regularly to avoid fugitive emissions due to vehicular movement.	Complied
41	The industry shall comply With Task Force directions issued by the Board from time to time.	Noted and will be complied
42	The applicant shall submit Environment Statement in Form V to the Regional office before 30th September of every year as per Rule No 14 of E(P) Rules. 1986 & amendments thereof.	Complied
43	The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.	Noted

SCHEDULE-C		
S.No	Condition	Status
1	The Industry shall give top priority for waste minimization and cleaner production practices.	Complied
2	The Industry shall not store hazardous waste and for more than 90 Movement) days as per the Hazardous and other Wastes (Management Handling and Transboundary Movement) Rules 2016 amendments thereof. The Industry shall maintain 6 copy manifest system for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional office, The industry shall maintain proper records for Hazardous Wastes stated in Authorization in FORM-3 i.e., quantity of Incinerable waste, land disposal waste, recyclable waste etc. and file annual returns in Form- 4 as per Rule 20(2) of the Hazardous and other Wastes (Management, Handling & Transboundary Movement) Rules, 2016 and amendments thereof.	Complied
3	The industry shall dispose / sell the Hazardous Waste to only industries/agencies authorized by the State Pollution Control Boards. The industry shall verify the authorization of the Board given to the Party before disposing its waste to the External Party.	Complied
4	The industry shall maintain proper records for Hazardous Wastes disposal and its concurrence with authorization. In case of variation in generation, industry shall submit explanation and obtain amendment in Environmental Clearance/ CFE/CFO in this regard.	Complied
5	The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste Oils shall be disposed to the authorized Reprocessors/ Recyclers and used Lead Acid Batteries shall be disposed to the manufacturers / dealers on buyback basis, the industry shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises. The industry shall check the Certificate/ Authorization/order of MoEF issued to the Re-user/Recycle units while disposing the waste oil.	Complied
6	The industry shall dispose of e-waste to the authorized recyclers/ dismantlers only.	Complied
7	The industry shall maintain good housekeeping..	Complied
8	The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office	Complied

Enclosed are the following

Test reports of Emissions from various chimneys	Annexure I
Test reports of treated water	Annexure II
Test reports on Ambient Air Quality	Annexure III
Test reports of Noise Monitoring	Annexure IV
Report on mock drill	Annexure V

ANNEXURE – I

Test reports of Emissions of various chimneys

ISSUED TO:

M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/07488/TP/01
Issue Date : 2024.08.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 1 of 2

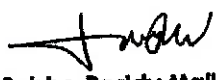
Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.07.31 Sampling date on : 2024.07.31
Analysis started on : 2024.08.01 Analysis Completed on : 2024.08.05
Test Required : Particulate Matter; Sulphur Dioxide and Oxides of Nitrogen
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-4	MEE STACK	LIMITS AS PER CONCERN TSPCB
1	Stack Connected		-	Revomax Boiler 1 & 2	Revomax -3 & 4	Thermopac -4	TP-P405	Revomax	-
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS	-
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/ P G	-	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51	-
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962	-
6	Flue gas Temp.	° C	-	138	132	143	132	123	-
7	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	9.28	9.07	8.24	8.01	9.34	-
8	Gas Flow rate	l/m ³ /hr		4690	4630	4091	4592	4285	-
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0	115
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4	-
11	Oxides of Nitrogen	mg/Nm ³		20.3	24.3	21.2	20.5	22.4	-

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 18.09.2023, Calibration Due: 17.09.2024
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2816
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
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Report Number : VLL/VLS/24/07488/TP/01
Issue Date : 2024.08.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.07.31 Sampling date on : 2024.07.31
Analysis started on : 2024.08.01 Analysis Completed on : 2024.08.05
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UDM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5	MEE STACK
1	Stack Connected		-	Revo max Boiler 1& 2	Revomax -3 & 4	Thermopac - 4	TP-P405	Revomax (BOP601)
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	°C	IS: 11255(P-1) 1985	138	132	143	132	123
7	Velocity of the Flue gas	m/Sec		9.29	9.07	8.24	9.01	9.34
8	Gas Flow rate	Nm ³ /hr		4690	4630	4091	4592	4255
9	Oxygen	%	Flue Gas Analyzer	8.3	8.2	8.2	8.1	7.3
10	Carbon Dioxide	%	Flue Gas Analyzer	7.9	7.1	7.0	7.8	7.6
11	Carbon Monoxide	ppm	Flue Gas Analyzer	23.54	22.6	20.2	19.3	21.8

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2618
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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Issue Date : 2024.09.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 1 of 2

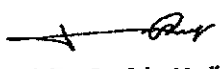
Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.08.30 Sampling date on : 2024.08.23
Analysis started on : 2024.08.30 Analysis Completed on : 2024.09.05
Test Required : Particulate Matter, Sulphur Dioxide and Oxides of Nitrogen
Samples Collected by Vimta Labs Limited. LAB REF.: EC:

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-4	MEE STACK	LIMITS AS PER CONCERN TSPCB
1	Stack Connected		-	Revomax Boiler 1 & 2	Revomax -3 & 4	Thermopac -4	TP-P405	Revomax	-
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS	-
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51	-
5	Area of the Duct.	m ²	-	0.1982	0.1982	0.1982	0.1982	0.1982	-
6	Flue gas Temp.	° C	-	128	128	139	126	119	-
7	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	8.1	7.45	7.27	7.49	8.02	-
8	Gas Flow rate	Nm ³ /hr		4178	3854	3644	3876	4226	-
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0	115
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4	-
11	Oxides of Nitrogen	mg/Nm ³		21.9	20.8	22.8	22.5	24.3	-

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 18.09.2023, Calibration Due: 17.09.2024
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2816
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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Issue Date : 2024.09.05
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P.O. Date : 2024.04.12

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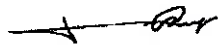
Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.08.30 Sampling date on : 2024.08.23
Analysis started on : 2024.08.30 Analysis Completed on : 2024.09.05
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5	MEE STACK
1	Stack Connected		-	Revo max Boiler 1 & 2	Revomax -3 & 4	Thermopac - 4	TP-P405	Revomax (BOP601)
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51
5	Area of the Duct	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	°C	IS: 11255(P-1) 1985	128	126	139	126	119
7	Velocity of the Flue gas	m/Sec		8.1	7.45	7.27	7.49	8.02
8	Gas Flow rate	Nm ³ /hr		4176	3854	3644	3876	4226
9	Oxygen	%	Flue Gas Analyzer	8.0	8.5	8.0	7.8	7.1
10	Carbon Dioxide	%	Flue Gas Analyzer	8.2	7.9	7.7	7.4	7.5
11	Carbon Monoxide	ppm	Flue Gas Analyzer	21.87	23.8	23.8	24.5	23.8

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make - MRU, Model - Optima 7)
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024
Stack Kit Make - Politech, Model - SMK 108 sr.no.-2616
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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Issue Date : 2024.10.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.09.30 Sampling date on : 2024.09.27
Analysis started on : 2024.09.30 Analysis Completed on : 2024.10.04
Test Required : Particulate Matter; Sulphur Dioxide and Oxides of Nitrogen
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-8	MEE STAC K	LIMITS AS PER CONCERN TSPCB
1	Stack Connected		-	Revomax Boiler 1 & 2	Revomax -3 & 4	Thermop ac -4	TP-P405	Revo max	-
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS	-
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-	-
4	Duct diameter	m	-	0.6	0.5	0.5	0.5	0.51	-
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962	-
6	Flue gas Temp.	° C	IS: 11255(P-1) 1985	132	135	144	138	128	-
7	Velocity of the Flue gas	m/Sec		9.3	8.7	9.2	8.7	8.6	-
8	Gas Flow rate	Nm ³ /hr		4759	4436	4592	4383	4475	-
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0	115
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4	-
11	Oxides of Nitrogen	mg/Nm ³		23.4	27.45	24.6	26.3	22.9	-

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 18.09.2024, Calibration Due: 17.09.2025
Stack Kit Make - Pollechi, Model -SMK 108 sr.no.-2618
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/12173/TP/01
Issue Date : 2024.09.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.09.30 Sampling date on : 2024.09.27
Analysis started on : 2024.09.30 Analysis Completed on : 2024.10.04
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5	MEE STACK
1	Stack Connected		-	Revo max Boiler 1 & 2	Revomax -3 & 4	Thermopac - 4	TP-P405	Revomax (BOP601)
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS
3	Fuel		-	OIL/LPG	OIL	OIL/Gas	OIL/LPG	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	°C	IS: 11255(P-1) 1985	132	135	144	138	126
7	Velocity of the Flue gas	m/Sec		9.3	8.7	9.2	8.7	8.8
8	Gas Flow rate	Nm ³ /hr		4759	4438	4592	4383	4475
9	Oxygen	%	Flue Gas Analyzer	8.2	8.1	8.4	8.1	7.9
10	Carbon Dioxide	%	Flue Gas Analyzer	8.6	7.4	7.1	7.9	7.3
11	Carbon Monoxide	ppm	Flue Gas Analyzer	23.34	21.7	23.8	25.4	21.1

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025
Stack Kiln Make - Politech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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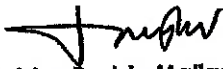
Page No: 1 of 2**Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS**

Samples Registered : 2024.10.30 Sampling date on : 2024.10.26
Analysis started on : 2024.10.30 Analysis Completed on : 2024.11.04
Test Required : Particulate Matter; Sulphur Dioxide and Oxides of Nitrogen
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UDM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-6	MEE STAC K	LIMITS AS PER CONCERN TSPCB
1	Slack Connected		-	Revomax Boiler 1 & 2	Revomax -3 & 4	Thermop ac-4	TP-P405	Revo max	-
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS	-
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51	-
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962	-
6	Flue gas Temp.	° C	-	126	131	129	128	121	-
7	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	8.4	7.5	8.2	7.8	7.7	-
8	Gas Flow rate	Nm ³ /hr		4366	3665	4211	4519	4084	-
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0	115
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4	-
11	Oxides of Nitrogen	mg/Nm ³		21.6	20.5	21.8	23.3	20.7	-

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 18.09.2024, Calibration Due: 17.09.2025
Stack Kit Make - Politech, Model -SMK 108 sr.no.-2616
Date of Calibration: 18.09.2024, Calibration Due: 15.09.2025


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P.O. Number : 15387751
P.O. Date : 2024.04.12

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Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.10.30 Sampling date on : 2024.10.26
Analysis started on : 2024.10.30 Analysis Completed on : 2024.11.04
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5	MEE STACK
1	Stack Corrected		-	Revo max Boiler 1& 2	Revomax -3 & 4	Thermopac - 4	TP-P405	Revomax (BOF601)
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51
5	Area of the Duct.	m ²	-	0.1902	0.1902	0.1902	0.1902	0.1902
6	Flue gas Temp.	°C	-	126	131	129	128	121
7	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	8.4	7.5	8.2	7.8	7.7
8	Gas Flow rate	Nm ³ /hr	-	4368	3865	4211	4519	4084
9	Oxygen	%	Flue Gas Analyzer	8.6	8.3	8.0	8.3	7.5
10	Carbon Dioxide	%	Flue Gas Analyzer	8.2	7.1	7.5	7.0	7.7
11	Carbon Monoxide	ppm	Flue Gas Analyzer	21.6	24.1	23.5	22.8	24.4

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025
Stack IGT Make - Politech, Model -SMK 108 sr.no.-2816
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered	: 2024.11.25	Sampling date on	: 2024.11.23
Analysis started on	: 2024.11.26	Analysis Completed on	: 2024.12.04
Test Required	: Particulate Matter; Sulphur Dioxide and Oxides of Nitrogen		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

SL No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-6	MEE STACK	LIMITS AS PER CONCERN TSPCB
1	Stack Connected		-	Revamax Boiler 1 & 2	Revamax -3 & 4	Thermopac -4	TP-P405	Revamax	-
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS	-
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51	-
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962	-
6	Flue gas Temp.	° C	IS: 11255(P-1) 1985	121	127	117	122	118	-
7	Velocity of the Flue gas	m/Sec		7.0	6.4	6.4	6.8	7.0	-
8	Gas Flow rate	Nm ³ /hr		3711	3345	3395	3589	3717	-
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0	115
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4	-
11	Oxides of Nitrogen	mg/Nm ³		23.7	22.9	24.3	25.1	23.2	-

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 18.09.2024, Calibration Due: 17.09.2025
Stack Kit Make - Poltech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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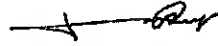
Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.11.25 Sampling date on : 2024.11.23
Analysis started on : 2024.11.26 Analysis Completed on : 2024.12.04
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC:

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5	MEE STACK
1	Stack Connected		-	Revo max Boiler 1& 2	Revomax -3 & 4	Thermopac - 4	TP-P405	Revomax (BOP601)
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House	EHS
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51
5	Area of the Duct	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	°C	-	121	127	117	122	118
7	Velocity of the Flue gas	m/Sec	IS: 11235(P-1) 1985	7.0	6.4	6.4	6.5	7.0
8	Gas Flow rate	Nm ³ /hr		3711	3345	3385	3589	3717
9	Oxygen	%	Flue Gas Analyzer	8.0	8.1	8.5	8.0	7.9
10	Carbon Dioxide	%	Flue Gas Analyzer	7.6	7.7	7.4	7.6	7.4
11	Carbon Monoxide	ppm	Flue Gas Analyzer	23.7	20.8	20.6	24.7	21.8

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/17671/TP/01
Issue Date : 2025.01.02
P.O. Number : 15387751
P.O. Date : 2024.04.12

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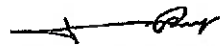
Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.12.16 Sampling date on : 2024.12.14
Analysis started on : 2024.12.16 Analysis Completed on : 2024.12.31
Test Required : Particulate Matter, Sulphur Dioxide and Oxides of Nitrogen
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UDM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-6	MEE STACK-7	LIMITS AS PER CONCERN TSPCB
1	Stack Connected		-	Revo max Boiler 1& 2	Revomax -3 & 4	Thermopac -4	TP-P407	Revomax (BOP601)	-
2	Location		-	Resin House (404&406)	Water Base Unit	Resin House	Resin House	EHS	-
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG	-	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51	-
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962	0.1962	-
6	Flue gas Temp.	° C	-	125	123	121	126	121	-
7	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	7.7	7.4	7.2	8.1	7.9	-
8	Gas Flow rate	Nm ³ /hr		4013	3888	3788	4211	4156	-
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0	115
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4	-
11	Oxides of Nitrogen	mg/Nm ³		23.7	24.7	25.3	26.1	24.7	-

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 15.09.2024, Calibration Due: 17.09.2025
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2816
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/17671/TP/01
Issue Date : 2025.01.02
P.O. Number : 15387751
P.O. Date : 2024.04.12

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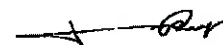
Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.12.16 Sampling date on : 2024.12.14
Analysis started on : 2024.12.16 Analysis Completed on : 2024.12.31
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5	MEE STACK-7
1	Stack Connected		-	Revo max Boiler 1& 2	Revomax -3 & 4	Thermopac - 4	TP-P407	Revomax (BOP601)
2	Location		-	Resin House (404&406)	Water Base Unit	Resin House (407)	Resin House	EHS
3	Fuel		-	OIL/LPG	OIL	OIL/Gas	OIL/LPG	-
4	Duct diameter	m	-	0.5	0.5	0.5	0.5	0.51
5	Area of the Duct.	m ²	-	0.1982	0.1982	0.1982	0.1982	0.1982
6	Flue gas Temp.	°C	-	125	123	121	120	121
7	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	7.7	7.4	7.2	8.1	7.9
8	Gas Flow rate	Nm ³ /hr	-	4013	3888	3788	4211	4156
9	Oxygen	%	Flue Gas Analyzer	8.4	8.5	8.9	8.7	8.3
10	Carbon Dioxide	%	Flue Gas Analyzer	7.9	8.1	7.9	8.7	7.8
11	Carbon Monoxide	ppm	Flue Gas Analyzer	24.9	22.9	22.9	24.6	23.2

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025
Stack Kit Make - Poltech, Model -SMK 108 sr.no.-2818
Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/07488/DG/01
Issue Date : 2024.08.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

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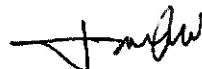
Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.07.31 Sampling date on : 2024.07.31
Analysis started on : 2024.08.01 Analysis Completed on : 2024.08.05
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG P-506 A	DG P-506 B	DG P-507 A	DG P-507 B	DG P-508 A	DG P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	122	120	125	123	132	129
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	8.84	8.73	8.84	8.77	8.31	8.11
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	766.15	759.88	768.10	767.87	702.43	695.87
6	Oxygen	%	Flue Gas Analyzer	8.1	8.0	8.2	7.9	7.8	7.3
7	Carbon Dioxide	%	Flue Gas Analyzer	8.5	7.9	8.4	8.2	7.9	7.4
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	21.87	20.04	22.54	20.13	23.87	22.10
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.013	0.012	0.014	0.012	0.015	0.014
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	20.12	18.65	21.11	19.67	23.54	19.89
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.012	0.011	0.013	0.012	0.015	0.011
12	Noise	dB(A)	-	43.2	41.3	42.4	41.0	43.2	41.8

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024
All the values are corrected to 15% O₂
Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2816
Date of Calibration: 15.09.2023, Calibration Due: 15.09.2024


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Report Number : VLL/VLS/24/07486/DG/01
Issue Date : 2024.08.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 2 of 2**Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS**

Samples Registered : 2024.07.31 Sampling date on : 2024.07.31
Analysis started on : 2024.08.01 Analysis Completed on : 2024.08.05
Test Required : Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen and Carbon
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG	DG	DG	DG	DG	DG
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	122	120	125	123	132	129
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	8.84	8.73	8.94	8.77	8.31	8.11
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	766.15	759.88	788.10	787.87	702.43	695.67
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	19.94	17.65	20.64	17.43	22.43	19.54
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.013	0.010	0.014	0.011	0.015	0.012
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	25.2	25.3	25.3	24.1	23.7	22.3
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	18.12	16.32	20.13	18.23	20.76	18.98
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.012	0.010	0.013	0.011	0.015	0.012

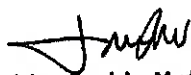
Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kiti Make - Politech, Model -SMK 10B Sr.no.-2816

Date of Calibration : 16.09.2023, Calibration Due: 15.09.2024


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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered	: 2024.08.30	Sampling date on	: 2024.08.22
Analysis started on	: 2024.08.31	Analysis Completed on	: 2024.09.05
Test Required	: Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG		DG		DG		DG	
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1963	117	115	120	118	118	118	120	120
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	7.86	7.75	7.80	7.53	7.61	7.55	7.55	7.55
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	689.03	677.8	679.31	658.4	665.95	757.3	757.3	757.3
6	Oxygen	%	Flue Gas Analyzer	7.9	7.4	7.8	7.3	7.1	7.0	7.0	7.0
7	Carbon Dioxide	%	Flue Gas Analyzer	8.2	7.3	7.9	8.0	7.4	7.1	7.1	7.1
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	19.86	17.23	20.32	17.35	19.44	17.44	17.44	17.44
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.012	0.010	0.012	0.011	0.012	0.011	0.011	0.011
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	18.43	16.42	18.03	16.36	16.21	16.46	16.46	16.46
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.011	0.009	0.012	0.010	0.011	0.010	0.010	0.010
12	Noise	dB(A)	-	40.5	37.9	39.9	36.4	40.3	39.9	39.9	39.9

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)

Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Politech, Model -SMK 108 sr.no.-2816

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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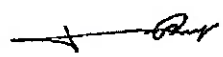
Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.08.30 Sampling date on : 2024.08.22
Analysis started on : 2024.08.30 Analysis Completed on : 2024.09.05
Test Required : Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen and Carbon
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG	DG	DG	DG	DG	DG
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	117	115	120	118	118	120
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	7.86	7.75	7.80	7.53	7.61	7.55
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	689.03	677.9	679.31	656.4	685.95	757.3
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	21.24	17.65	22.97	17.43	20.24	19.54
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.012	0.010	0.014	0.011	0.013	0.012
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	23.4	21.9	26.1	25.7	23.0	21.8
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	20.34	18.92	23.31	20.87	24.45	21.67
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.012	0.011	0.014	0.013	0.015	0.013

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make - MRU, Model - Optima 7)
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024
All the values are corrected to 15% O₂
Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³
Stack Kit Make - Politech, Model - SMK 10B Sr.no.-2616
Date of Calibration : 16.09.2023, Calibration Due: 15.09.2024


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Issue Date : 2024.10.04
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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.09.30 Sampling date on : 2024.09.26
Analysis started on : 2024.09.30 Analysis Completed on : 2024.10.04
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG	DG	DG	DG	DG	DG
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1), 1985	123	121	125	121	126	122
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	8.79	7.96	8.64	7.89	8.94	8.12
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	759.5	731.2	743.4	719.8	767.2	759.8
6	Oxygen	%	Flue Gas Analyzer	8.1	7.9	8.0	7.9	7.7	7.3
7	Carbon Dioxide	%	Flue Gas Analyzer	7.9	7.6	7.2	7.5	7.8	7.4
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	21.99	19.56	23.46	20.42	22.92	18.91
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.013	0.011	0.014	0.011	0.014	0.010
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	22.49	20.45	22.43	19.32	23.39	21.23
11	Hydrocarbon	g kw-hr	Flue Gas Analyzer	0.013	0.011	0.014	0.011	0.015	0.013
12	Noise	dB(A)	-	42.5	34.5	41.6	34.6	37.1	36.3

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 16.09.2024, Calibration Due: 17.09.2025

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Politech, Model - SMK 10B sr.no.-2816

Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/12173/DG/01
Issue Date : 2024.10.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.09.30 Sampling date on : 2024.09.26
Analysis started on : 2024.09.30 Analysis Completed on : 2024.10.04
Test Required : Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen and Carbon
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	DOM	METHOD OF TESTING	DG P-506 A	DG P-506 B	DG P-507 A	DG P-507 B	DG P-508 A	DG P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	123	121	125	121	126	122
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	8.79	7.86	8.64	7.89	8.94	8.12
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	758.5	731.2	743.4	719.8	787.2	759.8
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	23.64	20.42	24.96	20.87	23.19	20.14
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.014	0.010	0.015	0.011	0.014	0.011
8	Sulphur dioxide	mg Nm ³	IS: 11255 (P-II) 1985	21.3	22.8	24.2	21.1	23.8	23.8
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	23.12	21.31	25.46	22.35	21.15	23.56
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.014	0.012	0.015	0.012	0.013	0.015

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make - MRU, Model - Optima 7)

Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Polytach, Model - SMK 108 Sr.no.-2816

Date of Calibration : 16.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/13511/DG/01
Issue Date : 2024.11.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.10.30 Sampling date on : 2024.10.25
Analysis started on : 2024.10.30 Analysis Completed on : 2024.11.04
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC:

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG P-506 A	DG P-506 B	DG P-507 A	DG P-507 B	DG P-508 A	DG P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	119	115	116	113	119	115
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	7.8	7.6	6.7	6.1	7.08	7.01
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985	687.8	673.2	587.8	581.2	617.4	588.7
6	Oxygen	%	Flue Gas Analyzer	8.5	8.1	8.4	8.1	7.8	7.2
7	Carbon Dioxide	%	Flue Gas Analyzer	8.3	7.4	7.1	7.2	7.0	7.1
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	18.64	16.24	20.13	18.83	16.51	14.13
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.011	0.009	0.012	0.010	0.010	0.008
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	19.11	18.92	17.81	15.21	16.44	14.56
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.011	0.010	0.011	0.009	0.010	0.008
12	Noise	dB(A)	-	40.7	36.7	37.8	38.4	38.9	36.3

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025
All the values are corrected to 15% O₂
Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2818
Date of Calibration: 18.09.2024, Calibration Due: 18.09.2025

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Report Number : VLL/VLS/24/13511/DG/01
Issue Date : 2024.11.04
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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.10.30 Sampling date on : 2024.10.25
Analysis started on : 2024.10.30 Analysis Completed on : 2024.11.04
Test Required : Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen and Carbon
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

SL No.	PARAMETERS	UOM	METHOD OF TESTING	DG	DG	DG	DG	DG	DG
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	119	115	116	113	119	115
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	7.8	7.6	6.7	6.1	7.08	7.01
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	667.6	673.2	597.5	581.2	617.4	588.7
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	20.13	18.44	22.04	19.11	20.86	16.86
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.012	0.010	0.013	0.011	0.013	0.010
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-4I) 1985	23.7	24.1	22.8	22.8	21.7	20.2
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	21.14	19.56	22.76	19.67	21.88	18.94
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.012	0.010	0.014	0.012	0.014	0.011

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025
All the values are corrected to 15% O₂
Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³
Stack Kit Make - Politech, Model -SMK 106 Sr.no.-2616
Date of Calibration : 16.09.2024, Calibration Due: 15.09.2025

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Report Number : VLL/VLS/24/15791/DG/01
Issue Date : 2024.12.04
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P.O. Date : 2024.04.12

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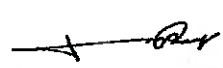
Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.11.25 Sampling date on : 2024.11.22
Analysis started on : 2024.11.26 Analysis Completed on : 2024.12.04
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC:

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG	DG	DG	DG	DG	DG
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	124	123	121	119	127	123
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985	6.9	6.4	7.0	6.6	8.1	6.8
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985	600.8	588.7	615.3	589.8	527.4	593.5
6	Oxygen	%	Flue Gas Analyzer	8.1	7.8	8.0	7.6	7.1	7.7
7	Carbon Dioxide	%	Flue Gas Analyzer	8.0	7.1	7.2	7.0	7.3	7.4
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	20.34	18.88	22.78	20.66	19.98	17.64
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.012	0.010	0.014	0.012	0.012	0.010
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	21.37	19.23	20.86	18.76	19.77	17.45
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.013	0.011	0.013	0.010	0.012	0.009
12	Noise	dB(A)	-	41.7	38.9	39.4	35.8	34.9	33.3

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 16.09.2024, Calibration Due: 17.09.2025
All the values are corrected to 15% O₂
Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³
Stack Kit Make - Politech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2024, Calibration Due: 16.09.2025


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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.11.25 Sampling date on : 2024.11.22
Analysis started on : 2024.11.26 Analysis Completed on : 2024.12.04
Test Required : Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen and Carbon
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG	DG	DG	DG	DG	DG
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	124	120	121	119	127	123
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	6.9	6.4	7.0	6.6	6.1	6.8
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	600.8	598.7	615.3	599.5	527.4	593.5
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	21.76	19.66	24.47	22.14	23.76	21.45
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.013	0.011	0.015	0.013	0.015	0.013
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	22.1	25.7	24.5	25.3	23.8	24.9
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	23.36	20.32	24.77	21.85	23.32	19.87
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.014	0.011	0.015	0.012	0.015	0.012

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Politech, Model -SMK 108 Sr.no.-2616

Date of Calibration : 18.09.2024, Calibration Due: 15.09.2025


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Report Number : VLL/VLS/24/17671/DG/01
Issue Date : 2025.01.02
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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered	: 2024.12.16	Sampling date on	: 2024.12.13
Analysis started on	: 2024.12.16	Analysis Completed on	: 2024.12.31
Test Required	: Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen and Carbon		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG P-506 A	DG P-506 B	DG P-507 A	DG P-507 B	DG P-508 A	DG P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	121	114	127	120	124	119
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	7.3	6.3	7.7	7.4	6.9	6.2
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	636	601	669	639	796	594
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	23.77	20.11	20.56	17.63	25.99	22.85
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.014	0.010	0.013	0.012	0.016	0.014
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	24.7	26.9	28.3	29.4	26.6	28.3
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1606 /EPA - 7	25.55	22.89	20.77	24.55	25.33	21.44
10	Oxides of nitrogen	g/kw-hr	ASTMD-1606 /EPA - 7	0.015	0.012	0.010	0.014	0.016	0.013

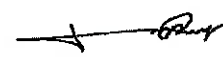
Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration: 18.09.2024, Calibration Due: 17.09.2025

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Politech, Model -SMK 10B Sr.no.-2616

Date of Calibration : 16.09.2024, Calibration Due: 15.09.2025


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Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.12.16 Sampling date on : 2024.12.13
Analysis started on : 2024.12.16 Analysis Completed on : 2024.12.31
Test Required : Oxygen, Carbon Dioxide, Carbon Monoxide, Hydrocarbon and Noise
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	DG		DG		DG		DG	
				P-506 A	P-506 B	P-507 A	P-507 B	P-508 A	P-508 B	P-508 A	P-508 B
1	Duct diameter	m	-	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032	0.2032
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324	0.0324
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	121	118	127	123	124	120		
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	7.3	6.9	7.7	7.1	6.9	6.5		
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	638	625	669	627	796	620		
6	Oxygen	%	Flue Gas Analyzer	7.9	8.3	8.3	7.8	7.8	7.4		
7	Carbon Dioxide	%	Flue Gas Analyzer	8.2	7.4	7.8	7.6	7.5	7.9		
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	22.46	20.14	23.82	21.11	23.65	20.55		
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.013	0.011	0.014	0.011	0.015	0.012		
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	23.38	20.77	23.54	20.66	24.44	21.22		
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.014	0.011	0.014	0.010	0.015	0.012		
12	Noise	dB(A)	-	43.3	38.9	41.1	35.8	37.98	38.98		

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)

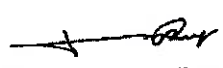
Date of Calibration: 16.09.2024, Calibration Due: 17.09.2025

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Politech, Model -SMK 10B sr.no.-2816

Date of Calibration: 16.09.2024, Calibration Due: 15.09.2025


Dr. Subba Reddy Mallampati
Manager-Environment.

Life Sciences Campus, # 5, MN Science & Technology Park, Genome Valley, Shamirpet, Hyderabad - 500 101, Telangana, India
T: +91 40 6740 4040 E: mdooffice@vimta.com URL: www.vimta.com

CIN : L24110TG1990PLC011977

ANNEXURE – II

Test reports of treated water

Vimta Labs Limited

Registered Office

, IDA Phase II, Cherlapally

Hyderabad-500 051, Telangana, India

T : +91 40 2726 4141

F : +91 40 2726 3657



Driven by Quality. Inspired by Science.

ISSUED TO:**M/s. ASIAN PAINTS LIMITED****PLOT NO-50-55, IDA****PATANCHERU,****SANGA REDDY DISTRICT****T.S. INDIA****Report Number : VLL/VLS/24/07488/EW/001****Issue Date : 2024.07.30****P.O. Number : 0015387751****P.O. Date : 12-04-2024**

Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.07.17	Sampling date on	: 2024.07.17
Analysis started on	: 2024.07.18	Analysis Completed on	: 2024.07.29
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RfC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, RSC, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 23 rd edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

Sr. No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
1	Temperature	°C	25.8	25.7	-
2	Particle size of total Suspended Solid	Microns	297	110	-
3	Chloride as Cl	mg/L	785.3	397.2	-
4	Sulphide as S	mg/L	8.7	1.02	2.0
5	Sulphate as SO ₄	mg/L	587.5	274.3	-
6	Fluoride as F	mg/L	1.28	1.12	2.0
7	Ammonical Nitrogen as N	mg/L	53.4	<1.0	50.0
8	Sodium as Na	mg/L	897.8	312.5	-
9	Boron as B	mg/L	1.54	0.63	-
10	Total Residual Chlorine	mg/L	<0.1	<0.1	1.0
11	Arsenic as As	mg/L	0.01	<0.01	0.2
12	Cadmium as Cd	mg/L	0.17	<0.01	2.0
13	Selenium as Se	mg/L	<0.01	<0.01	0.05
14	Mercury as Hg	mg/L	0.01	<0.001	0.01
15	Pesticides	mg/L	Absent	Absent	-
16	Free Ammonia as NH ₃	mg/L	2.6	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	5.75	1.12	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	212.4	<1.0	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	8.45	5.32	-
21	Total Heavy Metals	mg/L	61.38	3.28	-
22	Biochemical Oxygen Demand at 27°C	mg/L	4100	48	50.0
23	Chemical Oxygen Demand	mg/L	17500	270	250.0
24	Oil & Grease	mg/L	64	<1.0	10.0
25	pH at 25°C	---	8.87	7.73	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1684	87	100.0
27	Total Dissolved Solids at 180°C	mg/L	4725	1810	2000.0
28	Silica as SiO ₂	mg/L	---	24.3	---

Name and Designation of Authorized Signatory**Dr. SubbaReddy Mallampati**
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CIN : L24110TG1990PLC011977

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ISSUED TO:

M/s. ASIAN PAINTS LIMITED

PLOT NO-50-55, IDA

PATANCHERU,

SANGA REDDY DISTRICT

T.S. INDIA

Report Number : VLL/VLS/24/07488/EW/001

Issue Date : 2024.07.30

P.O. Number : 0015387751

P.O. Date : 12-04-2024

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.07.17	Sampling date on	: 2024.07.17
Analysis started on	: 2024.07.18	Analysis Completed on	: 2024.07.29
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RFC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 23 rd edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;

TEST REPORT

Sr.No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
29	Chromium as Cr	mg/L	5.86	0.12	2.0
30	Copper as Cu	mg/L	29.7	0.94	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.82	<0.05	0.1
32	Lead as Pb	mg/L	0.57	0.03	0.1
33	Nickel as Ni	mg/L	0.28	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	3.67	<0.01	1.0
35	Zinc as Zn	mg/L	23.24	1.56	5.0
36	Potassium as K	mg/L	158.3	47.5	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 25/06/2024, Calibration Due date: 24/11/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 13/06/2024, Calibration Due date: 12/09/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

Name and Designation of Authorized SignatoryDr. SubbaReddy Mallampati
Manager-Environment.Life Sciences Campus, # 5, MN Science & Technology Park, Genome Valley, Shamirpet, Hyderabad - 500 101, Telangana, India
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GIN : L24110TG1990PLC011977



TC-5418



NABL Scope



Issued To:

M/s.Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number: VLL/VLS/24/10062/005

Issue Date:

2024-09-16

Your Ref:

and Date:

2024-08-24

Lab Ref No.:

1805304

LIMS Report No.:

573897(Report su)



Page 1 of 3

Kind Attn:Mr. Sanjay P

Customer Provided Details :

Sample Name:	Raw Effluent		
Batch Number:	NA	A.R. Number:	NA
Mfg. Date:	NA	Exp. Date:	NA
Test Required:	Analysis as per Attached List		
Other Details if Any:	NA		

Lab Provided Details :

Sample Received Date:	2024-08-24	Sample Registration Date:	2024-08-27
Analysis Starting Date:	2024-08-28	Analysis Completion Date:	2024-09-05
Received Quantity:	1 Ltr Bottle X 1No		
Sampling Details:	Sample Collected on 20-08-2024		
Method of Testing:	As per APHA 24th Edition and IS 3025 part 44, SOP 02/131		
Other Details if Any:	NA		

Chemical
Pollution & Environment

TEST RESULTS

S. No.	Test Parameters	Unit of Measurement	Results:
1	1.Physical Parameters		6.45
2	pH at 25°C	°C	25.6
3	Temperature	mg/l	295
4	Total Suspended Solids at 105°C	mg/l	3790
5	Total Dissolved Solids at 180°C	mg/l	16.2
	Oil and Grease		



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Name and Designation of Authorized Signatory

T.B. Laxman
Lavanya Bunde
Senior Scientist



TC-5418



NABL Scope



Issued To:

M/s.Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number: VLL/VLS/24/10062/005

Issue Date: 2024-09-16

Your Ref:
and Date: 2024-08-24

Lab Ref No.: 1305304

LIMS Report No.: 573897(Report su)



Page 2 of 3

Kind Attn:Mr. Sanjay P

TEST RESULTS

S. No.	Test Parameters	Unit of Measurement	Results
	2.Chemical Parameters		
6	Residual Free Chlorine as Cl	mg/l	1.3
7	Residual Sodium Carbonate	—	7.90
8	Phenolic Compounds as C6H5OH	mg/l	2.54
9	Free Ammonia as NH3	mg/l	2.6
10	Ammonical Nitrogen as NH3-N	mg/l	43.4
11	Total Kjeldhal Nitrogen as TKN	mg/l	191.1
12	Hexavalent Chromium as Cr+6	mg/l	0.91
13	Sulphates as SO4	mg/l	424.5
14	Sulfide as S	mg/l	9.9
15	Cyanide as CN-	mg/l	<0.02
16	Potassium as K	mg/l	15
17	Biochemical Oxygen Demand 3days at 27°C	mg/l	6000
18	Chemical Oxygen Demand at 150 °C	mg/l	19000
19	Chloride as Cl	mg/l	790
20	Fluoride as F	mg/l	6.24
21	Sodium as Na	mg/l	1100
22	Dissolved Phosphate as P	mg/l	6.81
	3.Metals		
23	Arsenic as As	mg/l	0.01
24	Mercury as Hg	mg/l	0.02
25	Lead as Pb	mg/l	0.99
26	Cadmium as Cd	mg/l	0.26
27	Copper as Cu	mg/l	25.4
28	Total Chromium as Cr	mg/l	4.80
29	Selenium as Se	mg/l	<0.01



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Name and Designation of Authorized Signatory

Lavanya Bende
Lavanya Bende
Senior Scientist



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NABL Scope



Issued To:
M/s. Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana, IND
Ph: Mob:08455-4261

Registration/Report Number: VLL/VLS/24/10062/005
Issue Date: 2024-09-16
Your Ref:
and Date: 2024-08-24
Lab Ref No.: 1805304
LIMS Report No.: 573897(Report su)



Page 3 of 3

Kind Attn: Mr. Sanjay P

TEST RESULTS

S. No.	Test Parameters	Unit of Measurement	Results
30	Nickel as Ni	mg/l	0.56
31	Boron as B	mg/l	1.26
32	Zinc as Zn	mg/l	15.01
33	Total Heavy Metals	mg/l	50.6

Results relate only to the sample tested.

Remarks: This report is superceded to report with Reg NO. VLL/VLS/24/10062/005 with copy bearing LIMS Report No. 571390

- END OF THE TEST REPORT -



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Lavanya Bende
Lavanya Bende
Senior Scientist



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NABL Scope

**Issued To:**

M/s.Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number:

VLL/VLS/24/12173/002

Issue Date:

2024-10-08

Your Ref:

015387751

and Date:

2024-03-21

Lab Ref No.:

1833458

LIMS Report No.:

578286



Page 1 of 3

Kind Attn:Mr. Sanjay P

Customer Provided Details :

Sample Name:	Treated Water		
Batch Number:	NA	A.R. Number:	NA
Mfg. Date:	NA	Exp. Date:	NA
Test Required:	Analysis as per Enclosed List		
Other Details if Any:	NA		
Lab Provided Details :			
Sample Received Date:	2024-09-25	Sample Registration Date:	2024-09-30
Analysis Starting Date:	2024-09-30	Analysis Completion Date:	2024-10-07
Submitted Quantity:	5 Ltrs Bottle X 1No		
Sampling Details:	NA		
Method of Testing:	As per APHA 24th Edition and IS 3025 part 44 and As per SOP 02/131		
Other Details if Any:	NA		

ULR-TC541824000035233F

Chemical**Pollution & Environment****TEST RESULTS**

S. No.	Test Parameters	UOM	Requirements	Results
1	pH at 25°C	—	5.5-9.0	8.25
2	Temperature	°C	—	26.4
3	Residual Free Chlorine	mg/l	1.0	<1.0
4	Arsenic as As	mg/l	0.2	<0.01



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Name and Designation of Authorized Signatory

Lavanya Benda
Lavanya Benda
Senior Scientist



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NABL Scope



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M/s.Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number:

VLL/VLS/24/12173/002

Issue Date:

2024-10-08

Your Ref:

015387751

and Date:

2024-03-21

Lab Ref No.:

1833458

LIMS Report No.:

579286



Page 2 of 3

Kind Attn:Mr. Sanjay P
ULR-TC64182400003523F

TEST RESULTS

S. No.	Test Parameters	UOM	Requirements	Results
5	Mercury as Hg	mg/l	0.01	<0.001
6	Lead as Pb	mg/l	0.1	0.02
7	Cadmium as Cd	mg/l	2.0	<0.01
8	Copper as Cu	mg/l	3.0	0.49
9	Total Chromium as Cr	mg/l	2.0	0.08
10	Selenium as Se	mg/l	0.05	<0.01
11	Nickel as Ni	mg/l	3.0	<0.01
12	Boron as B	mg/l	-	0.28
13	Residual Sodium Carbonate	-	-	2.0
14	Phenolic Compounds as C6H5OH	mg/l	1.0	<0.001
15	Manganese as Mn	mg/l	2.0	0.04
16	Total Suspended Solids at 105°C	mg/l	100	63
17	Total Dissolved Solids at 180°C	mg/l	-	1450
18	Oil and Grease	mg/l	10	1.6
19	Free Ammonia as NH3	mg/l	5.0	<0.1
20	Ammonical Nitrogen as NH3-N	mg/l	50	6.26
21	Dissolved Phosphates as P	mg/l	5.0	0.62
22	Total Kjeldhal Nitrogen as TKN	mg/l	100	16.4
23	Hexavalent Chromium as Cr+6	mg/l	0.1	<0.01
24	Sulphates as SO4	mg/l	-	216.4
25	Sulfide as S	mg/l	2.0	<1.0
26	Cyanide as CN-	mg/l	0.2	<0.02
27	Potassium as K	mg/l	-	16.2
28	Calcium as Ca	mg/l	-	32.1



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Name and Designation of Authorized Signatory

B. Lavanya
Lavanya Bende
Senior Scientist



Issued To:
M/s.Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number: VLL/VLS/24/12173/002
Issue Date: 2024-10-08
Your Ref: 015387751
and Date: 2024-03-21
Lab Ref No.: 1833458
LIMS Report No.: 578286



Page 3 of 3

Kind Attn:Mr. Sanjay P
ILR-TC54182400035233F

TEST RESULTS

S. No.	Test Parameters	UOM	Requirements	Results
29	Biochemical Oxygen Demand 3 days at 27°C	mg/l	30	25
30	Chemical Oxygen Demand at 150 °C	mg/l	250	110
31	Zinc as Zn	mg/l	5.0	1.06
32	Iron as Fe	mg/l	3.0	1.17
33	Chloride as Cl	mg/l	-	195
34	Fluoride as F	mg/l	2.0	0.12
35	Sodium as Na	mg/l	-	364.2
36	Total Heavy Metals	mg/l	-	3.14
37	Carbonates as CO3	mg/l	-	<5.0
38	Bicarbonate as HCO3	mg/l	-	1640

Results relate only to the sample tested.

Remarks:

- END OF THE TEST REPORT -



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Name and Designation of Authorized Signatory

B. Lavanya
Lavanya Bende
Senior Scientist



TC-5418



NABL Scope



Issued To:
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Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number: VLL/VLS/24/12173/001
Issue Date: 2024-10-08
Your Ref: 015387751
and Date: 2024-03-21
Lab Ref No.: 1833457
LIMS Report No.: 579284



Page 1 of 3

Kind Attn:Mr. Sanjay P

Customer Provided Details :

Sample Name:	Raw Effluent		
Batch Number:	NA	A.R. Number:	NA
Mfg. Date:	NA	Exp. Date:	NA
Test Required:	Analysis as per Enclosed List		
Other Details if Any:	NA		

Lab Provided Details :

Sample Received Date:	2024-09-25	Sample Registration Date:	2024-09-30
Analysis Starting Date:	2024-09-30	Analysis Completion Date:	2024-10-07
Received Quantity:	1 Ltr Bottle X 1No		
Sampling Details:	NA		
Method of Testing:	As per APHA 24th Edition and IS 3025 part 44, SOP 02/131		
Other Details if Any:	NA		

Chemical
Pollution & Environment

TEST RESULTS

S. No.	Test Parameters	Unit of Measurement	Results
1	1.Physical Parameters		7.25
2	pH at 25°C	—	26.2
3	Temperature	°C	310
4	Total Suspended Solids at 105°C	mg/l	4195
5	Total Dissolved Solids at 180°C	mg/l	13.6
	Oil and Grease	mg/l	



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B. Lavanya
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Senior Scientist



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NABL Scope



Issued To:
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Plot No:50-52
IDA-Phase-II
Patancheru, Medak
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Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number: VLL/VLS/24/12173/001
Issue Date: 2024-10-08
Your Ref: 015387751
and Date: 2024-03-21
Lab Ref No.: 1833457
LIMS Report No.: 579284



Page 2 of 3

Kind Attn:Mr. Sanjay P

TEST RESULTS

S. No.	Test Parameters	Unit of Measurement	Results
6	2.Chemical Parameters Residual Free Chlorine	mg/l	2.0
7	Phenolic Compounds as C ₆ H ₅ OH	mg/l	1.24
8	Free Ammonia as NH ₃	mg/l	4.2
9	Ammonical Nitrogen as NH ₃ -N	mg/l	38.4
10	Total Kjeldhal Nitrogen as TKN	mg/l	150.6
11	Hexavalent Chromium as Cr+6	mg/l	0.52
12	Sulphates as SO ₄	mg/l	562.4
13	Sulfide as S	mg/l	6.8
14	Cyanide as CN-	mg/l	<0.02
15	Potassium as K	mg/l	12
16	Biochemical Oxygen Demand 3days at 27°C	mg/l	4800
17	Chemical Oxygen Demand at 150 °C	mg/l	15000
18	Chloride as Cl	mg/l	645
19	Fluoride as F	mg/l	5.26
20	Sodium as Na	mg/l	892.4
21	Dissolved Phosphate as P	mg/l	8.62
22	Residual sodium carbonate	—	6.45
23	3.Metals Arsenic as As	mg/l	0.03
24	Mercury as Hg	mg/l	0.01
25	Lead as Pb	mg/l	0.68
26	Cadmium as Cd	mg/l	0.18
27	Copper as Cu	mg/l	24.6
28	Total Chromium as Cr	mg/l	3.26
29	Selenium as Se	mg/l	<0.01



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Name and Designation of Authorized Signatory

B. Lavanya
Lavanya Bende
Senior Scientist



TC-5418



NABL Scope



Issued To:

M/s.Asian Paints Limited
Plot No:50-52
IDA-Phase-II
Patancheru, Medak
Sangareddy
Hyderabad-502319
Telangana,IND
Ph: Mob:08455-4261

Registration/Report Number:

VLL/VLS/24/12173/001

Issue Date:

2024-10-08

Your Ref:

015387751

and Date:

2024-03-21

Lab Ref No.:

1833457

LIMS Report No.:

579284



Page 3 of 3

Kind Attn:Mr. Sanjay P

TEST RESULTS

S. No.	Test Parameters	Unit of Measurement	Results
30	Nickel as Ni	mg/l	0.87
31	Boron as B	mg/l	1.68
32	Zinc as Zn	mg/l	20.24
33	Total Heavy Metals	mg/l	49.8

Results relate only to the sample tested.

Remarks:

- END OF THE TEST REPORT -



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Name and Designation of Authorized Signatory

B. Lavanya
Lavanya Bende
Senior Scientist

Vimta Labs Limited

Registered Office

1st IDA Phase II, Cherlapally

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Vimta

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ISSUED TO:

M/s. ASIAN PAINTS LIMITED

PLOT NO-50-55, IDA

PATANCHERU,

SANGA REDDY DISTRICT

T.S. INDIA

Report Number : VLL/VLS/24/13511/EW/001

Issue Date : 2024.11.04

P.O. Number : 0015387751

P.O. Date : 12-04-2024

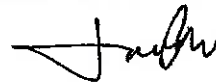
Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.10.17	Sampling date on	: 2024.10.16
Analysis started on	: 2024.10.18	Analysis Completed on	: 2024.10.30
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RFC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, RSC, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compunds, Zn, K		
Method of Testing	As per APHA 24 th edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;

TEST REPORT

Sr. No.	PARAMETER	UOM	SAMPLE ID		Limits
			RAW EFFLUENT	TREATED EFFLUENT	
1	Temperature	°C	25.8	26.1	-
2	Particle size of total Suspended Solid	Microns	315	32.4	-
3	Chloride as Cl	mg/L	656.5	212.8	-
4	Sulphide as S	mg/L	5.6	<1.0	2.0
5	Sulphate as SO ₄	mg/L	578.5	225.8	-
6	Fluoride as F	mg/L	6.74	0.15	2.0
7	Ammonical Nitrogen as N	mg/L	41.5	5.95	50.0
8	Sodium as Na	mg/L	912.5	382.5	-
9	Boron as B	mg/L	1.52	0.34	-
10	Total Residual Chlorine	mg/L	2.0	<1.0	1.0
11	Arsenic as As	mg/L	0.02	<0.01	0.2
12	Cadmium as Cd	mg/L	0.21	<0.01	2.0
13	Selenium as Se	mg/L	<0.01	<0.01	0.05
14	Mercury as Hg	mg/L	0.01	<0.001	0.01
15	Pesticides	mg/L	Absent	Absent	-
16	Free Ammonia as NH ₃	mg/L	3.7	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	9.84	0.86	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	135.6	13.7	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	6.56	2.3	-
21	Total Heavy Metals	mg/L	58.56	2.06	-
22	Biochemical Oxygen Demand at 27°C	mg/L	4960	25	50.0
23	Chemical Oxygen Demand	mg/L	16000	110	250.0
24	Oil & Grease	mg/L	15.8	1.7	10.0
25	pH at 25°C	---	8.24	7.97	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	335	58	100.0
27	Total Dissolved Solids at 180°C	mg/L	4236	1685	2000.0
28	Silica as SiO ₂	mg/L	---	14.7	---

Name and Designation of Authorized Signatory**Dr. SubbaReddy Mallampati**
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M/s. ASIAN PAINTS LIMITED
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PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/13511/EW/001
Issue Date : 2024.11.04
P.O. Number : 0015387751
P.O. Date : 12-04-2024

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.10.17	Sampling date on	: 2024.10.16
Analysis started on	: 2024.10.18	Analysis Completed on	: 2024.10.30
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RFC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 24 th edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;

TEST REPORT

Sr.No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
29	Chromium as Cr	mg/L	4.12	0.09	2.0
30	Copper as Cu	mg/L	27.3	0.49	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.67	<0.01	0.1
32	Lead as Pb	mg/L	0.54	0.01	0.1
33	Nickel as Ni	mg/L	0.98	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	1.18	<0.01	1.0
35	Zinc as Zn	mg/L	23.86	1.12	5.0
36	Potassium as K	mg/L	115.4	14.5	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 21/08/2024, Calibration Due date: 24/12/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 13/09/2024, Calibration Due date: 12/12/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

Name and Designation of Authorized Signatory

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Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.11.13	Sampling date on	: 2024.11.12
Analysis started on	: 2024.11.14	Analysis Completed on	: 2024.11.26
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RfC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, RSC, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 24 th Edition and IS: 3025 (Part-44)		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

Sr. No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
1	Temperature	°C	26.4	25.9	-
2	Particle size of total Suspended Solid	Microns	292	34.2	-
3	Chloride as Cl	mg/L	674.6	232.4	-
4	Sulphide as S	mg/L	6.2	<1.0	2.0
5	Sulphate as SO ₄	mg/L	613.8	216.8	-
6	Fluoride as F	mg/L	5.56	0.42	2.0
7	Ammonical Nitrogen as N	mg/L	46.2	6.12	50.0
8	Sodium as Na	mg/L	925.6	376.2	-
9	Boron as B	mg/L	1.78	0.48	-
10	Total Residual Chlorine	mg/L	2.2	<0.1	1.0
11	Arsenic as As	mg/L	0.01	<0.01	0.2
12	Cadmium as Cd	mg/L	0.17	<0.01	2.0
13	Selenium as Se	mg/L	<0.01	<0.01	0.05
14	Mercury as Hg	mg/L	0.01	<0.001	0.01
15	Pesticides	mg/L	Absent	Absent	-
16	Free Ammonia as NH ₃	mg/L	4.2	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	9.32	0.72	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	142.6	14.2	100
19	Cyanide as [CN]	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	5.97	2.84	-
21	Total Heavy Metals	mg/L	53.60	2.46	-
22	Biochemical Oxygen Demand at 27°C	mg/L	4896	23	50.0
23	Chemical Oxygen Demand	mg/L	15080	130	250.0
24	Oil & Grease	mg/L	14.2	<1.0	10.0
25	pH at 25°C	—	7.96	7.40	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	356	65	100.0
27	Total Dissolved Solids at 180°C	mg/L	4275	1710	2000.0
28	Silica as SiO ₂	mg/L	—	15.9	—


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Issue Date : 2024.11.27
P.O. Number : 0015387751
P.O. Date : 2024.04.12

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.11.13	Sampling date on	: 2024.11.12
Analysis started on	: 2024.11.14	Analysis Completed on	: 2024.11.26
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RFC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 24 th Edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC:

TEST REPORT

Sr.No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
29	Chromium as Cr	mg/L	3.97	0.09	2.0
30	Copper as Cu	mg/L	24.2	0.68	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.75	<0.01	0.1
32	Lead as Pb	mg/L	0.86	0.02	0.1
33	Nickel as Ni	mg/L	0.72	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	1.48	<0.01	1.0
35	Zinc as Zn	mg/L	22.74	1.24	5.0
36	Potassium as K	mg/L	114.5	15.0	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 21/08/2024, Calibration Due date: 24/12/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 13/09/2024, Calibration Due date: 12/12/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

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Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.12.17	Sampling date on	: 2024.12.13
Analysis started on	: 2024.12.18	Analysis Completed on	: 2024.12.30
Test Required	Temp, Particle Size, Cl, S, SO ₄ F, AN, Na, B, RfC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, RSC, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 24 th Edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC:

TEST REPORT

Sr. No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
1	Temperature	°C	24.5	25.8	-
2	Particle size of total Suspended Solid	Microns	32.6	31.2	-
3	Chloride as Cl	mg/L	297.4	525	-
4	Sulphide as S	mg/L	3.4	<1.0	2.0
5	Sulphate as SO ₄	mg/L	320.4	184.2	-
6	Fluoride as F	mg/L	4.14	0.12	2.0
7	Ammonical Nitrogen as N	mg/L	85.68	14.2	50.0
8	Sodium as Na	mg/L	960	524.2	-
9	Boron as B	mg/L	3.25	0.24	-
10	Total Residual Chlorine	mg/L	2.4	<0.1	1.0
11	Arsenic as As	mg/L	<0.01	<0.01	0.2
12	Cadmium as Cd	mg/L	0.84	<0.01	2.0
13	Selenium as Se	mg/L	0.04	<0.01	0.05
14	Mercury as Hg	mg/L	<0.01	<0.001	0.01
15	Pesticides	mg/L	Absent	Absent	-
16	Free Ammonia as NH ₃	mg/L	4.82	0.24	5.0
17	Dissolved Phosphate as P	mg/L	85.68	0.24	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	153.4	30.4	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	5.40	2.87	-
21	Total Heavy Metals	mg/L	44.77	1.65	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3000	30	50.0
23	Chemical Oxygen Demand	mg/L	9200	240	250.0
24	Oil & Grease	mg/L	18	3.8	10.0
25	pH at 25°C	---	8.90	8.22	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	922	36	100.0
27	Total Dissolved Solids at 180°C	mg/L	2280	2100	2000.0
28	Silica as SiO ₂	mg/L	---	---	---


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PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/17671/EW/001
Issue Date : 2025.01.01
P.O. Number : 0015387751
P.O. Date : 2024.04.12

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.12.17	Sampling date on	: 2024.12.13
Analysis started on	: 2024.12.18	Analysis Completed on	: 2024.12.30
Test Required	Temp, Particle Size, Cl, S, SO ₄ , F, AN, Na, B, RFC, As, Cd, Se, Hg, Pesticides, Ammonia, P, TKN, CN, Heavy Metals, BOD, COD, O&G, pH, TSS, TDS, Silica, Cr, Cu, Cr+6, Pb, Ni, Phenolic Compounds, Zn, K		
Method of Testing	As per APHA 24 th Edition and IS: 3025(Part-44)		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;

TEST REPORT

Sr.No.	PARAMETER	UOM	SAMPLE ID		
			RAW EFFLUENT	TREATED EFFLUENT	Limits
29	Chromium as Cr	mg/L	2.13	0.12	2.0
30	Copper as Cu	mg/L	19.6	0.92	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	1.25	<0.01	0.1
32	Lead as Pb	mg/L	1.24	0.09	0.1
33	Nickel as Ni	mg/L	0.47	0.14	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	1.40	<0.001	1.0
35	Zinc as Zn	mg/L	17.2	0.85	5.0
36	Potassium as K	mg/L	24	18.6	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 21/08/2024, Calibration Due date: 24/12/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 13/12/2024 Calibration Due date: 12/04/2025; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -


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ANNEXURE – III

Test reports on Ambient Air Quality

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/07488/AAQ/01
Issue Date : 2024.08.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

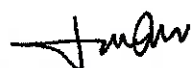
Page No: 1 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.08.01	Sampling date on	: 2024.07.02 to 31
Analysis started on	: 2024.08.01	Analysis Completed on	: 2024.08.05
Test Required	: PM2.5, PM10, SO ₂ , NO ₂ , CO:		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT									
Sr. No.	Date of Sample Collection	PM2.5 (µg/m³)	PM10 (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)	CO µg/m³			
						I	II	III	
LOCATION: TOP OF THE ADMISSION BUILDING									
1	02/07/2024	35.4	52.2	21.4	23.1	529	533	541	
2	03/07/2024	45.9	51.4	22.4	23.4	541	541	539	
3	09/07/2024	41.5	56.7	20.4	22.5	527	538	541	
4	10/07/2024	40.5	57.8	21.5	23.3	545	541	532	
5	16/07/2024	40.2	55.3	20.5	23.6	537	535	549	
6	17/07/2024	39.8	52.3	20.5	22.2	535	530	521	
7	23/07/2024	40.7	54.5	21.7	22.8	538	534	529	
8	24/07/2024	41.2	51.3	22.6	24.1	541	538	531	
9	30/07/2024	40.5	52.3	21.9	22.9	539	539	529	
10	31/07/2024	41.9	50.5	20.8	21.7	536	541	535	
LOCATION: ETP AREA									
11	02/07/2024	36.7	51.3	21.6	23.4	537	535	533	
12	03/07/2024	39.9	50.9	20.4	22.6	525	545	541	
13	09/07/2024	40.3	54.6	21.4	23.2	541	540	535	
14	10/07/2024	38.9	52.3	22.1	24.2	537	537	541	
15	16/07/2024	41.2	55.4	20.5	23.2	545	542	536	
16	17/07/2024	41.3	57.6	23.2	24.1	533	538	535	
17	23/07/2024	40.5	58.2	22.1	24.5	531	539	536	
18	24/07/2024	40.5	55.2	21.5	24.5	539	542	529	
19	30/07/2024	39.8	53.4	20.5	23.3	526	539	538	
20	31/07/2024	40.2	51.9	21.5	23.4	535	529	539	
LOCATION: IPU UNIT									
21	02/07/2024	39.7	54.5	20.3	22.3	535	539	541	
22	03/07/2024	40.1	51.2	21.6	22.9	541	540	536	
23	09/07/2024	40.8	53.3	23.2	24.5	545	541	541	
24	10/07/2024	39.6	54.6	21.2	23.9	542	543	539	
25	16/07/2024	38.5	55.1	22.6	24.5	540	546	545	
26	17/07/2024	38.6	52.3	21.8	22.3	535	547	541	
27	23/07/2024	39.1	51.3	22.5	23.5	539	551	539	
28	24/07/2024	40.3	54.6	23.1	24.6	541	541	548	
29	30/07/2024	38.6	55.3	22.5	24.1	526	539	539	
30	31/07/2024	40.2	53.7	23.6	24.6	539	548	541	
Limits As Per NAAQS		40	100	80	80	2000			
Test Methods		Gravimetric Method		Modified West & Geake	Sodium Arsenite	Adsorption and Extraction Followed			

- PM2.5, PM10, SO₂, NO₂, is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.
- All the values are expressed in µg/m³
- RDS Instrument Make : Envirotech, Model-APM 460 BL, Sr.No.:2887-DTF-2015 & Sr.No.:3114-DTL-2017, Model-APM 460 BL3114 DTL 2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025
- FDS Instrument Make : Envirotech, Model-APM 550, Sr.No.:1710-DT.-2016 & APM 550EL, Sr.No.:218-DTA-2018, Model-APM 550,1748 DTH-2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025


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Page No: 2 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.08.01	Sampling date on	: 2024.07.02 to 31
Analysis started on	: 2024.08.01	Analysis Completed on	: 2024.08.05
Test Required	Ammonia as NH ₃ , Benzene as C ₆ H ₆ , Benzo (a) Pyrene, Heavy Metals (As, Ni & Pb) and Ozone.		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT

Sl. No.	Date of Sample Collection	NH ₃	C ₆ H ₆	Benzo (a) Pyrene	Heavy Metals			Ozone (O ₃)		
		(µg/m ³)	(µg/m ³)	(ng/m ³)	Arsenic (ng/m ³)	Nickel (ng/m ³)	Lead (µg/m ³)	I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING										
1	02/07/2024	BDL	3.1	BDL	<1.0	3.6	0.019	4.1	5.1	5.4
2	03/07/2024	BDL	3.2	BDL	<1.0	3.5	0.020	4.5	5.2	5.7
3	09/07/2024	BDL	3.5	BDL	<1.0	3.2	0.021	4.4	5.0	5.5
4	10/07/2024	BDL	4.0	BDL	<1.0	3.7	0.021	4.2	5.1	5.6
5	16/07/2024	BDL	3.8	BDL	<1.0	3.5	0.020	4.5	4.9	4.3
6	17/07/2024	BDL	3.7	BDL	<1.0	3.8	0.022	4.2	4.7	5.0
7	23/07/2024	BDL	3.6	BDL	<1.0	3.5	0.023	4.1	4.9	5.1
8	24/07/2024	BDL	4.1	BDL	<1.0	3.1	0.019	4.4	5.3	5.2
9	30/07/2024	BDL	3.8	BDL	<1.0	3.3	0.022	4.2	4.8	5.4
10	31/07/2024	BDL	3.5	BDL	<1.0	3.6	0.024	4.7	4.9	5.1
LOCATION: ETP AREA										
11	02/07/2024	BDL	3.8	BDL	<1.0	3.9	0.023	4.1	5.2	4.8
12	03/07/2024	BDL	4.0	BDL	<1.0	4.3	0.022	4.4	5.1	4.7
13	09/07/2024	BDL	4.2	BDL	<1.0	3.9	0.025	4.5	5.0	4.8
14	10/07/2024	BDL	4.3	BDL	<1.0	3.5	0.028	4.5	5.2	5.4
15	16/07/2024	BDL	4.5	BDL	<1.0	3.9	0.029	4.4	5.2	5.2
16	17/07/2024	BDL	4.1	BDL	<1.0	3.4	0.031	4.2	5.3	5.1
17	23/07/2024	BDL	4.3	BDL	<1.0	3.9	0.029	4.1	5.5	5.3
18	24/07/2024	BDL	4.5	BDL	<1.0	3.2	0.026	5.0	5.3	5.4
19	30/07/2024	BDL	4.6	BDL	<1.0	3.4	0.028	4.6	5.4	5.4
20	31/07/2024	BDL	4.8	BDL	<1.0	3.6	0.026	4.9	5.2	5.7
LOCATION: IPU UNIT										
21	02/07/2024	BDL	4.4	BDL	<1.0	3.0	0.028	5.2	5.0	5.2
22	03/07/2024	BDL	4.3	BDL	<1.0	3.3	0.026	4.9	5.3	5.1
23	09/07/2024	BDL	3.7	BDL	<1.0	4.2	0.024	4.8	5.4	5.6
24	10/07/2024	BDL	3.9	BDL	<1.0	4.0	0.027	4.7	5.2	5.4
25	16/07/2024	BDL	3.8	BDL	<1.0	3.9	0.024	4.8	5.1	5.2
26	17/07/2024	BDL	3.7	BDL	<1.0	3.6	0.025	4.7	5.0	5.0
27	23/07/2024	BDL	3.6	BDL	<1.0	3.6	0.026	4.6	4.9	5.2
28	24/07/2024	BDL	3.9	BDL	<1.0	3.7	0.027	5.4	5.3	5.1
29	30/07/2024	BDL	4.3	BDL	<1.0	3.9	0.025	4.7	5.1	5.6
30	31/07/2024	BDL	4.5	BDL	<1.0	4.1	0.029	4.8	5.5	5.8
Limits As Per NAAQS		400	05	01	06	20	1.0	100		
Test Methods		Indophenols Blue method	Solvent Extraction followed by GC and GC-MS/MS analysis			AAS/ICP		UV photometric method		

- NH₃, C₆H₆, BaP & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As 0.2 ng/m³
- Below Detectable Limit for Ni 0.1 ng/m³
- Below Detectable Limit for Pb 0.05 ng/m³
- Below Detectable Limit for NH₃ 20 µg/m³
- Below Detectable Limit for O₃ 2.0 µg/m³
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/07486/AAQ/01
Issue Date : 2024.08.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 3 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.08.01	Sampling date on	: 2024.07.02 to 31
Analysis started on	: 2024.08.01	Analysis Completed on	: 2024.08.05
Test Required	SPM, HCL, Cl ₂ , H ₂ S, and HC:		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

Sr. No.	Date of Sample Collection	SPM	HCl	Cl ₂	H ₂ S	HC		
						I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING								
1	02/07/2024	40.1	35.1	43.2	34.5	524	541	531
2	03/07/2024	42.3	34.3	41.6	32.3	541	536	540
3	09/07/2024	44.2	32.4	42.8	30.1	534	537	532
4	10/07/2024	41.5	34.5	42.1	34.3	534	528	529
5	16/07/2024	42.2	36.1	42.6	32.5	521	541	543
6	17/07/2024	40.1	35.3	41.8	35.1	520	546	538
7	23/07/2024	43.2	36.1	42.3	40.2	532	537	541
8	24/07/2024	42.5	37.5	41.7	39.6	526	537	532
9	30/07/2024	41.0	35.2	41.9	38.7	527	528	539
10	31/07/2024	42.3	36.1	42.7	37.6	538	537	541
LOCATION: ETP AREA								
11	02/07/2024	43.4	33.4	39.6	31.7	528	535	536
12	03/07/2024	41.5	35.3	36.7	32.3	531	528	537
13	09/07/2024	42.3	36.1	35.5	34.5	533	531	531
14	10/07/2024	43.1	34.5	33.7	31.7	521	528	546
15	16/07/2024	43.4	31.3	35.2	30.6	534	545	547
16	17/07/2024	44.2	35.6	32.3	31.9	543	541	549
17	23/07/2024	41.2	34.3	31.5	30.4	530	553	544
18	24/07/2024	42.3	36.3	30.6	31.8	529	532	553
19	30/07/2024	43.5	37.2	32.4	33.2	538	529	551
20	31/07/2024	42.5	38.5	31.8	32.5	539	535	550
LOCATION: IPU UNIT								
21	02/07/2024	41.6	30.3	34.5	33.1	532	528	539
22	03/07/2024	42.7	34.5	36.1	30.3	542	543	539
23	09/07/2024	44.0	32.5	35.3	35.4	541	536	545
24	10/07/2024	43.2	33.6	34.4	29.1	536	541	553
25	16/07/2024	45.6	34.5	32.3	28.7	536	539	549
26	17/07/2024	46.8	32.3	34.5	30.2	537	552	544
27	23/07/2024	47.3	35.6	31.2	31.1	549	549	559
28	24/07/2024	44.5	34.4	35.6	32.7	539	554	532
29	30/07/2024	42.9	32.3	33.1	31.6	532	548	521
30	31/07/2024	43.5	31.9	31.5	32.4	545	539	529
Test Method		IS: 5182 P-IV	USEPA-26	IS: 5182 P-XIX	IS: 5182 P-VII	IS: 5182 P-XVII		

- SPM, HCL, Cl₂, H₂S, is monitored on 24 hrs. Basis & HC is monitored on 8 hrs basis.
- All the values are expressed in µg/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/10062/AAQ/01
Issue Date : 2024.09.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 1 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.08.30	Sampling date on	: 2024.08.06 to 28
Analysis started on	: 2024.08.31	Analysis Completed on	: 2024.09.05
Test Required	: PM2.5, PM10, SO ₂ , NO ₂ , CO;		
Samples Collected by Vimta Labs Limited,		LAB REF.: EC:	

TEST REPORT									
Sr. No.	Date of Sample Collection	PM2.5 (µg/m ³)	PM10 (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO µg/m ³			
						I	II	III	
LOCATION: TOP OF THE ADMISSION BUILDING									
1	06/08/2024	35.1	48.9	20.2	21.3	543	542	535	
2	07/08/2024	36.3	49.5	21.2	22.4	554	535	545	
3	13/08/2024	39.4	51.2	21.6	22.5	538	546	534	
4	14/08/2024	38.6	50.4	22.3	23.4	532	546	543	
5	20/08/2024	39.2	52.3	20.6	21.3	529	543	554	
6	21/08/2024	39.1	51.2	21.5	22.1	546	545	543	
7	27/08/2024	40.3	52.2	22.4	23.3	549	545	537	
8	28/08/2024	39.8	50.4	23.4	24.4	554	545	545	
LOCATION: ETP AREA									
9	06/08/2024	38.9	50.1	23.2	24.2	542	541	543	
10	07/08/2024	40.4	48.9	24.2	25.1	538	538	529	
11	13/08/2024	39.8	51.3	22.5	23.3	534	545	543	
12	14/08/2024	40.4	53.2	20.5	23.2	535	541	549	
13	20/08/2024	41.5	52.3	21.2	23.3	539	535	545	
14	21/08/2024	47.8	54.5	21.3	22.9	543	539	528	
15	27/08/2024	43.3	56.1	20.4	23.1	544	546	553	
16	28/08/2024	41.3	53.4	23.2	24.5	540	539	544	
LOCATION: IPU UNIT									
17	06/08/2024	40.5	52.3	21.3	23.1	541	540	534	
18	07/08/2024	38.9	50.2	23.5	24.1	543	538	539	
19	13/08/2024	39.5	53.5	24.2	24.9	545	528	532	
20	14/08/2024	40.4	52.1	23.6	24.3	547	539	529	
21	20/08/2024	41.3	53.2	22.1	23.9	546	541	531	
22	21/08/2024	40.9	50.3	23.2	24.1	547	540	533	
23	27/08/2024	42.4	48.9	22.7	24.3	545	534	530	
24	28/08/2024	43.3	51.2	22.3	23.9	548	539	535	
Limits As Per NAAQS		60	100	80	80	2000			
Test Methods		Gravimetric Method		Modified West & Geake	Sodium Arsenite	Adsorption and Extraction			

- PM2.5, PM10, SO₂, NO₂ is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.
- All the values are expressed in µg/m³
- RDS Instrument Make : Envirotech. Model -APM 440 BL, Sr.No.:2887-DTF-2015 & Sr.No.:3114-DTL-2017. Model -APM 440 BL.3114 DTL 2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025
- PDS Instrument Make : Envirotech. Model -APM 550, Sr.No.:1710-DTL-2016 & APM 550BL, Sr.No.:218-DTA-2018. Model -APM 550.1748 DTA-2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/10062/AAQ/01
Issue Date : 2024.09.05
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 2 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.08.30	Sampling date on	: 2024.08.06 to 28
Analysis started on	: 2024.08.31	Analysis Completed on	: 2024.09.05
Test Required	Ammonia as NH ₃ , Benzene as C ₆ H ₆ , Benzo (a) Pyrene, Heavy Metals (As, Ni & Pb) and Ozone.		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

Sr. No.	Date of Sample Collection	NH ₃ (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) Pyrene (ng/m ³)	Heavy Metals			Ozone (O ₃) µg/m ³		
					Arsenic (ng/m ³)	Nickel (ng/m ³)	Lead (µg/m ³)	I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING										
1	06/08/2024	BDL	2.7	BDL	<1.0	3.2	0.015	4.5	4.6	5.0
2	07/08/2024	BDL	2.9	BDL	<1.0	3.0	0.018	4.2	4.8	5.2
3	13/08/2024	BDL	3.1	BDL	<1.0	3.1	0.019	4.1	4.3	5.0
4	14/08/2024	BDL	3.8	BDL	<1.0	3.3	0.020	4.0	4.5	5.1
5	20/08/2024	BDL	3.4	BDL	<1.0	3.4	0.018	4.8	4.2	4.9
6	21/08/2024	BDL	3.3	BDL	<1.0	3.5	0.023	4.9	4.1	5.4
7	27/08/2024	BDL	3.2	BDL	<1.0	3.6	0.019	4.8	4.6	4.7
8	28/08/2024	BDL	3.8	BDL	<1.0	3.5	0.024	5.0	5.2	4.9
LOCATION: ETP AREA										
9	06/08/2024	BDL	3.4	BDL	<1.0	3.4	0.021	4.8	4.8	4.3
10	07/08/2024	BDL	3.7	BDL	<1.0	4.1	0.020	5.3	4.1	4.2
11	13/08/2024	BDL	3.5	BDL	<1.0	3.5	0.022	5.1	4.9	4.6
12	14/08/2024	BDL	3.4	BDL	<1.0	3.2	0.021	5.4	5.5	5.1
13	20/08/2024	BDL	4.1	BDL	<1.0	3.6	0.024	5.1	5.0	5.6
14	21/08/2024	BDL	3.8	BDL	<1.0	3.1	0.026	4.9	5.1	5.9
15	27/08/2024	BDL	3.8	BDL	<1.0	3.4	0.025	4.8	5.2	5.7
16	28/08/2024	BDL	3.8	BDL	<1.0	3.0	0.021	5.2	5.3	5.6
LOCATION: IPU UNIT										
17	06/08/2024	BDL	4.1	BDL	<1.0	3.4	0.024	5.5	5.3	5.4
18	07/08/2024	BDL	4.0	BDL	<1.0	3.1	0.022	5.3	5.6	5.3
19	13/08/2024	BDL	3.4	BDL	<1.0	4.0	0.023	5.1	5.1	5.0
20	14/08/2024	BDL	3.2	BDL	<1.0	3.6	0.024	4.9	5.0	4.8
21	20/08/2024	BDL	3.1	BDL	<1.0	3.3	0.021	5.4	4.8	4.4
22	21/08/2024	BDL	3.4	BDL	<1.0	3.2	0.023	5.5	4.6	4.2
23	27/08/2024	BDL	3.5	BDL	<1.0	3.1	0.025	4.9	5.2	5.0
24	28/08/2024	BDL	3.6	BDL	<1.0	3.4	0.025	5.8	5.1	4.3
Limits As Per NAAQS		400	05	01	06	20	1.0	100		
Test Methods		Indophenols Blue method	Solvent Extraction followed by GC and GC-MS/MS analysis			AAS/ICP		UV photometric method		

- NH₃, C₆H₆, BaP & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As 0.2 ng/m³
- Below Detectable Limit for Ni 0.1 ng/m³
- Below Detectable Limit for Pb 0.05 ng/m³
- Below Detectable Limit for NH₃ 20 µg/m³
- Below Detectable Limit for O₃ 2.0 µg/m³
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/10062/AAQ/01
Issue Date : 2024.09.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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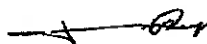
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.08.30	Sampling date on	: 2024.08.06 to 28
Analysis started on	: 2024.08.31	Analysis Completed on	: 2024.09.04
Test Required	: SPM, HCl, Cl ₂ , H ₂ S and HC:		
Samples Collected by Vimta Labs Limited,		LAB REF.: EC;	

TEST REPORT

Sr. No.	Date of Sample Collection	SPM	HCl	Cl ₂	H ₂ S	HC		
						I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING								
1	06/08/2024	42.3	36.9	40.5	36.7	535	532	528
2	07/08/2024	44.5	35.2	41.4	35.3	529	530	534
3	13/08/2024	45.1	36.3	43.8	33.4	527	535	529
4	14/08/2024	45.7	35.1	43.6	35.2	530	541	538
5	20/08/2024	44.7	33.2	44.5	36.4	534	529	529
6	21/08/2024	43.7	30.9	45.2	37.3	539	536	545
7	27/08/2024	40.1	32.8	43.9	45.4	541	530	551
8	28/08/2024	40.5	37.5	44.1	36.3	539	531	545
LOCATION: ETP AREA								
9	06/08/2024	40.5	36.5	39.8	33.5	536	531	545
10	07/08/2024	45.6	37.1	37.6	34.3	545	522	539
11	13/08/2024	46.1	38.4	34.5	36.9	548	520	534
12	14/08/2024	45.8	36.3	35.1	34.5	539	531	540
13	20/08/2024	44.2	34.5	36.9	36.2	546	533	535
14	21/08/2024	46.9	36.3	35.4	34.5	549	530	536
15	27/08/2024	45.6	36.9	37.6	33.4	528	541	532
16	28/08/2024	43.6	34.1	38.9	31.6	538	527	539
LOCATION: IPU UNIT								
17	06/08/2024	43.4	35.6	36.3	35.7	545	536	541
18	07/08/2024	40.4	38.9	34.4	34.1	547	531	534
19	13/08/2024	40.5	36.5	39.8	33.2	539	526	529
20	14/08/2024	41.1	36.1	36.6	30.8	546	528	539
21	20/08/2024	41.8	35.2	35.7	31.9	541	531	531
22	21/08/2024	42.3	34.4	38.3	34.3	556	541	529
23	27/08/2024	41.6	36.1	34.4	35.7	541	536	545
24	28/08/2024	42.3	35.5	35.1	34.3	549	543	539
Test Method		IS: 5182 P-IV	USEPA -26	IS: 5182 P-XIX	IS: 5182 P-VII	IS: 5182 P-XVII		

- SPM, HCl, Cl₂, H₂S, is monitored on 24 hrs. Basis & HC is monitored on 8 hrs basis.
- All the values are expressed in µg/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/12173/AAQ/01
Issue Date : 2024.10.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

Page No: 1 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.09.30	Sampling date on	: 2024.09.03 to 28
Analysis started on	: 2024.09.30	Analysis Completed on	: 2024.10.04
Test Required	: PM2.5, PM10, SO ₂ , NO ₂ , CO:		
Samples Collected by Vimta Labs Limited.		LAB REF: EC:	

TEST REPORT								
Sr. No.	Date of Sample Collection	PM2.5 (µg/m³)	PM10 (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)	CO µg/m³		
						I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING								
1	03/09/2024	38.7	53.5	23.5	26.2	523	542	535
2	04/09/2024	39.6	51.9	24.8	26.1	536	541	538
3	10/09/2024	40.1	54.4	23.5	24.8	546	554	549
4	11/09/2024	42.2	52.9	20.2	25.6	526	532	528
5	17/09/2024	43.5	53.9	23.1	24.3	537	538	541
6	18/09/2024	41.8	55.2	24.2	25.9	534	553	561
7	24/09/2024	42.9	54.3	25.8	26.3	525	528	554
8	25/09/2024	43.1	52.9	26.1	27.5	535	556	528
LOCATION: ETP AREA								
9	03/09/2024	41.8	53.5	25.2	26.9	536	528	521
10	04/09/2024	43.5	51.9	22.9	24.4	529	537	541
11	10/09/2024	40.9	53.5	25.5	26.5	541	538	553
12	11/09/2024	44.2	56.5	23.8	25.1	545	537	528
13	17/09/2024	46.8	54.4	26.4	25.3	545	547	552
14	18/09/2024	46.5	57.6	27.3	23.2	537	546	539
15	24/09/2024	45.5	59.0	24.7	24.6	549	552	543
16	25/09/2024	42.9	58.3	26.9	25.3	535	526	535
LOCATION: IPU UNIT								
17	03/09/2024	41.8	57.9	26.9	27.7	528	531	556
18	04/09/2024	43.6	56.6	24.9	26.3	529	542	554
19	10/09/2024	43.8	54.2	26.3	27.9	540	554	545
20	11/09/2024	42.5	53.9	25.3	26.4	541	542	536
21	17/09/2024	43.8	55.9	24.3	25.1	538	525	522
22	18/09/2024	45.2	56.8	25.3	26.5	544	519	538
23	24/09/2024	43.6	53.5	25.3	26.8	538	526	545
24	25/09/2024	41.8	54.9	24.6	25.2	541	521	554
Limits As Per NAAQS		60	100	80	80	2000		
Test Methods		Gravimetric Method		Modified West & Geake	Sodium Arsenite	Adsorption and Extraction		

- PM2.5, PM10, SO₂, NO₂ is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.
- All the values are expressed in µg/m³
- RDS Instrument Make : Envirotech, Model-APM 460 BL, Sr.No.:2887-DTF-2015 & Sr.No.:3114-DTL-2017, Model-APM 460 BL3114 DTL 2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025
- FDS Instrument Make : Envirotech, Model-APM 550, Sr.No.:1710-DTL-2016 & APM 550EL, Sr.No.:218-DTA-2018, Model-APM 550,1748 DTA-2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025


Dr. Subba Reddy Mallampati
Manager-Environment.

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CIN : L24110TG1990PLC011977

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/12173/AAQ/01
Issue Date : 2024.10.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.09.30	Sampling date on	: 2024.09.03 to 28
Analysis started on	: 2024.09.30	Analysis Completed on	: 2024.10.04
Test Required	Ammonia as NH ₃ , Benzene as C ₆ H ₆ , Benzo (a) Pyrene, Heavy Metals (AS, NI & Pb) and Ozone.		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC:		

TEST REPORT

Sr. No.	Date of Sample Collection	NH ₃ (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) Pyrene (ng/m ³)	Heavy Metals			Ozone (O ₃) µg/m ³		
					Arsenic (ng/m ³)	Nickel (ng/m ³)	Lead (µg/m ³)	I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING										
1	03/09/2024	BDL	3.1	BDL	<1.0	3.1	0.019	4.9	5.3	5.8
2	04/09/2024	BDL	3.3	BDL	<1.0	3.5	0.014	4.9	5.1	5.0
3	10/09/2024	BDL	3.5	BDL	<1.0	3.3	0.021	3.7	4.9	5.4
4	11/09/2024	BDL	3.1	BDL	<1.0	3.0	0.024	4.9	4.8	5.7
5	17/09/2024	BDL	3.2	BDL	<1.0	3.1	0.023	4.1	5.2	5.8
6	18/09/2024	BDL	3.0	BDL	<1.0	3.2	0.026	4.3	5.4	5.9
7	24/09/2024	BDL	3.5	BDL	<1.0	3.0	0.027	4.2	5.7	5.3
8	25/09/2024	BDL	3.9	BDL	<1.0	3.7	0.029	5.5	5.9	5.2
LOCATION: EIP AREA										
9	03/09/2024	BDL	3.2	BDL	<1.0	3.1	0.024	5.6	5.4	5.9
10	04/09/2024	BDL	3.1	BDL	<1.0	4.6	0.023	5.1	4.8	4.8
11	10/09/2024	BDL	3.0	BDL	<1.0	3.9	0.026	4.8	5.2	5.5
12	11/09/2024	BDL	3.2	BDL	<1.0	3.6	0.025	5.1	5.1	5.9
13	17/09/2024	BDL	3.6	BDL	<1.0	3.2	0.029	4.6	5.6	5.6
14	18/09/2024	BDL	3.2	BDL	<1.0	3.0	0.033	4.4	5.4	6.3
15	24/09/2024	BDL	3.5	BDL	<1.0	3.1	0.031	4.4	5.5	6.1
16	25/09/2024	BDL	3.4	BDL	<1.0	3.8	0.035	5.0	5.1	6.6
LOCATION: IPU UNIT										
17	03/09/2024	BDL	3.6	BDL	<1.0	3.9	0.025	5.2	5.2	5.9
18	04/09/2024	BDL	3.2	BDL	<1.0	3.7	0.021	5.5	5.4	5.6
19	10/09/2024	BDL	3.1	BDL	<1.0	4.5	0.029	5.6	5.2	5.9
20	11/09/2024	BDL	3.9	BDL	<1.0	3.9	0.031	5.7	5.3	5.3
21	17/09/2024	BDL	3.7	BDL	<1.0	3.4	0.029	5.8	5.1	4.9
22	18/09/2024	BDL	3.9	BDL	<1.0	3.8	0.020	5.7	4.9	4.9
23	24/09/2024	BDL	3.3	BDL	<1.0	3.9	0.028	5.3	5.0	5.4
24	25/09/2024	BDL	3.2	BDL	<1.0	3.6	0.032	6.5	4.5	4.9
Limits As Per NAAQS		400	05	01	06	20	1.0	100		
Test Methods		Indophenols Blue method	Solvent Extraction followed by GC and GC-MS/MS analysis			AAS/ICP		UV photometric method		

- NH₃, C₆H₆, BaP & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As 0.2 ng/m³
- Below Detectable Limit for Ni 0.1 ng/m³
- Below Detectable Limit for Pb 0.05 ng/m³
- Below Detectable Limit for NH₃ 20 µg/m³
- Below Detectable Limit for O₃ 2.0 µg/m³
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³


Dr. Subba Reddy Mailampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/12173/AAQ/01
Issue Date : 2024.10.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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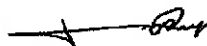
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.09.30	Sampling date on	: 2024.09.03 to 28
Analysis started on	: 2024.09.30	Analysis Completed on	: 2024.10.04
Test Required	SPM, HCl, Cl ₂ , H ₂ S, and HC:		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT

Sr. No.	Date of Sample Collection	SPM	HCl	Cl ₂	H ₂ S	HC		
						I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING								
1	03/09/2024	40.5	32.3	39.8	32.3	524	545	538
2	04/09/2024	41.2	31.2	35.2	30.1	545	541	549
3	10/09/2024	44.5	30.7	41.3	31.5	549	567	538
4	11/09/2024	46.3	35.9	42.3	32.4	524	565	554
5	17/09/2024	49.6	29.8	43.3	33.2	556	543	552
6	18/09/2024	45.6	32.7	41.8	36.4	561	559	551
7	24/09/2024	44.4	29.3	42.3	42.3	558	552	545
8	25/09/2024	42.9	31.7	40.5	39.8	522	567	536
LOCATION: ETP AREA								
9	03/09/2024	44.5	30.3	33.2	36.7	556	541	532
10	04/09/2024	41.2	32.2	35.1	37.2	528	535	527
11	10/09/2024	44.5	34.5	32.8	38.3	538	538	529
12	11/09/2024	46.8	32.2	34.5	36.3	528	545	519
13	17/09/2024	47.3	31.8	36.9	32.3	538	549	565
14	18/09/2024	45.3	34.5	31.2	36.3	535	538	549
15	24/09/2024	42.6	32.8	33.5	37.6	539	535	528
16	25/09/2024	41.1	31.8	35.5	34.3	527	531	545
LOCATION: IPU UNIT								
17	03/09/2024	42.8	31.9	32.7	33.2	522	528	535
18	04/09/2024	44.5	30.7	37.4	31.4	529	526	528
19	10/09/2024	42.8	33.2	32.9	30.0	554	529	552
20	11/09/2024	45.2	31.7	34.1	33.6	519	545	576
21	17/09/2024	43.4	32.4	35.7	33.5	523	549	554
22	18/09/2024	45.2	31.9	34.5	31.8	538	556	510
23	24/09/2024	45.7	34.2	32.9	32.2	525	541	531
24	25/09/2024	46.9	31.9	31.2	31.1	531	525	519
Test Method		IS: 5182 P-IV	USEPA -26	IS: 5182 P-XIX	IS: 5182 P-VII	IS: 5182 P-XVII		

- SPM, HCl, Cl₂, H₂S, is monitored on 24 hrs. basis & HC is monitored on 8 hrs basis.
- All the values are expressed in µg/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/L ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/13511/AAQ/01
Issue Date : 2024.11.04
P.O. Number : 15387753
P.O. Date : 2024.04.12

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Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on : 2024.11.01 Sampling date on : 2024.10.01 to 30
Analysis started on : 2024.11.01 Analysis Completed on : 2024.11.04
Test Required : PM2.5, PM10, SO₂, NO₂, CO;
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT									
Sr. No.	Date of Sample Collection	PM2.5 (µg/m ³)	PM10 (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	CO µg/m ³			
						I	II	III	
LOCATION: TOP OF THE ADMISSION BUILDING									
1	01/10/2024	32.3	51.5	21.6	23.2	529	528	541	
2	03/10/2024	35.1	50.5	24.5	25.4	539	533	522	
3	08/10/2024	37.2	52.5	21.9	22.8	527	539	531	
4	09/10/2024	33.4	53.5	20.8	24.9	535	528	539	
5	15/10/2024	36.6	54.1	23.5	22.6	529	519	537	
6	16/10/2024	31.8	51.8	24.8	23.4	538	527	541	
7	22/10/2024	36.2	50.6	25.3	24.1	541	534	536	
8	23/10/2024	38.9	53.3	24.7	25.9	528	521	539	
9	29/10/2024	35.6	52.8	23.2	25.3	526	518	541	
10	30/10/2024	34.2	54.4	22.9	24.4	521	525	536	
LOCATION: RTP AREA									
11	01/10/2024	37.8	55.1	23.1	24.8	541	538	528	
12	03/10/2024	40.1	53.7	25.4	26.9	539	529	537	
13	08/10/2024	38.5	50.1	26.3	28.3	524	541	531	
14	09/10/2024	40.1	52.2	25.4	27.7	526	529	537	
15	15/10/2024	41.3	50.8	24.3	26.9	531	521	541	
16	16/10/2024	42.7	53.3	22.4	25.3	526	537	536	
17	22/10/2024	43.3	54.1	21.9	23.9	537	536	535	
18	23/10/2024	40.1	51.8	23.4	25.7	541	529	536	
19	29/10/2024	39.7	50.7	24.4	26.4	537	524	529	
20	30/10/2024	41.7	52.6	25.3	26.9	524	538	531	
LOCATION: IFU UNIT									
21	01/10/2024	38.9	51.6	21.6	23.8	530	536	540	
22	03/10/2024	40.1	52.5	20.4	23.4	529	543	537	
23	08/10/2024	36.9	50.6	23.3	24.8	521	538	541	
24	09/10/2024	38.5	51.8	21.6	24.2	534	528	539	
25	15/10/2024	40.3	59.3	23.6	25.3	527	539	543	
26	16/10/2024	41.6	60.4	22.8	24.8	535	529	541	
27	22/10/2024	40.7	61.5	21.1	23.7	529	537	538	
28	23/10/2024	41.8	66.3	20.4	22.6	535	545	545	
29	29/10/2024	43.4	61.2	21.7	24.3	526	539	539	
30	30/10/2024	42.8	58.9	23.5	25.6	531	541	538	
Limits As Per NAAQS		60	100	80	80	2000			
Test Methods		Gravimetric Method		Modified West & Gaeke	Sodium Arsenite	Adsorption and Extraction Followed by GC-MS			

- PM2.5, PM10, SO₂, NO₂ is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.
- All the values are expressed in µg/m³
- RDS Instrument Make : Envirotech, Model-APM 460 BL, Sr.No.:2887-DTF-2015 & Sr.No.:3114-DTL-2017, Model-APM 460 BL3114 DTL 2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025
- RDS Instrument Make : Envirotech, Model-APM 550, Sr.No.:1710-DTL-2016 & APM 550EL, Sr.No.:218-DTA-2018, Model-APM 550.1748 DTM-2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025

Dr. Subbo Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-80-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/13511/AAG/01
Issue Date : 2024.11.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.11.01	Sampling date on	: 2024.10.01 to 30
Analysis started on	: 2024.11.01	Analysis Completed on	: 2024.11.04
Test Required	Ammonia as NH ₃ , Benzene as C ₆ H ₆ , Benzo (a) Pyrene, Heavy Metals (AS, Ni & Pb) and Ozone.		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT

Sr. No.	Date of Sample Collection	NH ₃	C ₆ H ₆	Benzo (a) Pyrene	Heavy Metals			Ozone (O ₃)		
		(µg/m ³)	(µg/m ³)	(ng/m ³)	Arsenic (ng/m ³)	Nickel (ng/m ³)	Lead (µg/m ³)	I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING										
1	01/10/2024	BDL	3.8	BDL	<1.0	3.8	0.021	5.5	4.7	5.0
2	03/10/2024	BDL	3.1	BDL	<1.0	3.9	0.019	5.3	4.7	4.3
3	08/10/2024	BDL	4.5	BDL	<1.0	3.5	0.026	4.9	4.5	4.6
4	09/10/2024	BDL	4.1	BDL	<1.0	3.6	0.025	4.2	4.4	4.1
5	15/10/2024	BDL	4.5	BDL	<1.0	3.7	0.026	5.0	4.1	4.4
6	16/10/2024	BDL	3.9	BDL	<1.0	3.4	0.023	4.9	4.7	4.2
7	22/10/2024	BDL	3.7	BDL	<1.0	3.9	0.022	5.1	4.2	4.8
8	23/10/2024	BDL	4.0	BDL	<1.0	4.3	0.029	4.7	5.3	5.7
9	29/10/2024	BDL	3.6	BDL	<1.0	4.4	0.024	4.2	5.2	5.6
10	30/10/2024	BDL	3.9	BDL	<1.0	3.9	0.028	4.9	5.5	5.4
LOCATION: ETP AREA										
11	01/10/2024	BDL	3.8	BDL	<1.0	3.8	0.021	5.1	5.1	5.4
12	03/10/2024	BDL	4.3	BDL	<1.0	4.1	0.020	5.7	5.7	5.2
13	08/10/2024	BDL	3.9	BDL	<1.0	4.4	0.022	5.4	4.6	5.8
14	09/10/2024	BDL	3.7	BDL	<1.0	3.9	0.021	5.6	4.1	5.1
15	15/10/2024	BDL	4.3	BDL	<1.0	3.8	0.031	5.3	4.6	5.0
16	16/10/2024	BDL	3.5	BDL	<1.0	3.6	0.023	4.7	4.8	4.8
17	22/10/2024	BDL	4.0	BDL	<1.0	3.7	0.034	4.9	5.2	5.4
18	23/10/2024	BDL	3.8	BDL	<1.0	4.3	0.030	5.4	4.6	5.1
19	29/10/2024	BDL	4.4	BDL	<1.0	4.2	0.032	5.2	4.3	5.7
20	30/10/2024	BDL	4.2	BDL	<1.0	4.5	0.034	4.9	4.8	5.9
LOCATION: IFU UNIT										
21	01/10/2024	BDL	3.9	BDL	<1.0	4.1	0.028	5.0	5.5	6.1
22	03/10/2024	BDL	3.7	BDL	<1.0	4.3	0.029	5.2	5.4	5.0
23	08/10/2024	BDL	3.5	BDL	<1.0	4.5	0.033	4.9	5.1	5.2
24	09/10/2024	BDL	3.1	BDL	<1.0	4.6	0.036	5.1	5.0	4.7
25	15/10/2024	BDL	3.4	BDL	<1.0	4.2	0.032	5.4	4.7	5.4
26	16/10/2024	BDL	3.2	BDL	<1.0	3.9	0.025	5.2	4.4	5.1
27	22/10/2024	BDL	3.0	BDL	<1.0	4.5	0.024	4.8	4.3	5.0
28	23/10/2024	BDL	3.4	BDL	<1.0	4.2	0.027	5.4	4.1	5.3
29	29/10/2024	BDL	3.9	BDL	<1.0	4.1	0.025	5.1	4.6	5.4
30	30/10/2024	BDL	4.1	BDL	<1.0	3.9	0.027	5.3	4.9	4.9
Limits As Per NAAQS		400	05	01	06	20	1.0	100		
Test Methods		Indophenols Blue method	Solvent Extraction followed by GC and GC-MS/MS analysis			AAS/ICP		UV photometric method		

- NH₃, C₆H₆, BaP & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As 0.2 ng/m³
- Below Detectable Limit for Ni 0.1 ng/m³
- Below Detectable Limit for Pb 0.05 ng/m³
- Below Detectable Limit for NH₃ 20 µg/m³
- Below Detectable Limit for O₃ 2.0 µg/m³
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/S. ASIAN PAINTS LIMITED
PLOT NO-80-35, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/13511/AAQ/01
Issue Date : 2024.11.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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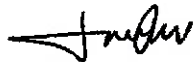
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.11.01	Sampling date on	: 2024.10.01 to 30
Analysis started on	: 2024.11.01	Analysis Completed on	: 2024.11.04
Test Required	SPM, HCl, Cl ₂ , H ₂ S and HC:		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

Sr. No.	Date of Sample Collection	SPM	HCl	Cl ₂	H ₂ S	HC		
LOCATION: TOP OF THE ADMISSION BUILDING								
1	01/10/2024	53.6	30.1	42.3	35.6	535	525	525
2	03/10/2024	48.9	34.3	38.9	34.3	541	530	541
3	08/10/2024	51.8	31.9	44.3	32.4	538	541	528
4	09/10/2024	54.8	36.9	43.7	35.5	530	526	545
5	15/10/2024	58.9	37.8	40.1	34.8	541	527	561
6	16/10/2024	60.1	35.5	38.7	36.9	527	538	550
7	22/10/2024	53.7	34.2	40.3	40.1	539	515	521
8	23/10/2024	55.1	36.9	38.9	43.3	556	541	531
	29/10/2024	54.9	34.5	41.4	42.7	562	528	519
	30/10/2024	52.8	36.8	42.6	43.8	537	553	541
LOCATION: ETP AREA								
9	01/10/2024	49.3	34.5	36.7	38.9	532	552	527
10	03/10/2024	47.6	35.3	38.3	41.3	545	536	538
11	08/10/2024	46.8	36.1	35.3	42.6	541	527	541
12	09/10/2024	48.9	35.5	37.2	38.7	538	531	537
13	15/10/2024	52.3	36.9	34.5	39.4	524	530	544
14	16/10/2024	56.1	34.5	36.3	38.4	551	537	546
15	22/10/2024	53.3	36.1	35.4	39.3	530	545	553
16	23/10/2024	49.9	36.3	32.8	36.7	537	549	546
	29/10/2024	57.8	35.1	35.2	37.6	534	541	532
	30/10/2024	56.3	37.4	33.6	38.9	529	523	549
LOCATION: IPU UNIT								
17	01/10/2024	45.2	32.3	34.2	36.3	531	539	541
18	03/10/2024	51.6	34.1	31.6	34.5	538	541	538
19	08/10/2024	48.9	33.4	30.5	32.6	541	545	545
20	09/10/2024	46.3	32.6	29.8	30.3	538	536	542
21	15/10/2024	45.3	34.6	33.2	36.5	532	539	545
22	16/10/2024	47.3	35.3	31.9	34.1	530	540	536
23	22/10/2024	45.4	36.3	31.6	34.5	545	535	556
24	23/10/2024	49.5	34.1	34.6	32.7	549	539	544
	29/10/2024	52.3	32.6	35.9	32.6	531	536	540
	30/10/2024	49.6	34.5	34.7	35.3	540	524	551
Test Method		IS: 5182 P-IV	USEPA -24	IS: 5182 P-XIX	IS: 5182 P-VII	IS: 5182 P-XVII		

- SPM, HCl, Cl₂, H₂S, is monitored on 24 hrs. Basis & HC is monitored on 8 hrs basis.
- All the values are expressed in µg/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/L ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/15791/AAQ/01
Issue Date : 2024.12.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

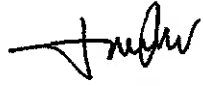
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Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.11.30	Sampling date on	: 2024.11.05 to 28
Analysis started on	: 2024.11.30	Analysis Completed on	: 2024.12.04
Test Required	: PM2.5, PM10, SO ₂ , NO ₂ , CO;		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT							
Sr. No.	Date of Sample Collection	PM2.5 (µg/m³)	PM10 (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)	CO µg/m³	
LOCATION: TOP OF THE ADMISSION BUILDING							
1	05/11/2024	38.9	59.8	19.8	21.3	516	545
2	06/11/2024	40.1	61.4	21.9	20.4	524	549
3	12/11/2024	42.3	63.7	20.4	23.9	545	553
4	13/11/2024	38.9	59.5	17.9	20.7	527	534
5	19/11/2024	40.5	57.9	19.4	21.8	534	527
6	20/11/2024	37.6	56.4	20.5	24.6	547	536
7	26/11/2024	38.9	59.8	22.3	25.3	534	546
8	27/11/2024	41.3	61.2	20.6	22.5	539	545
LOCATION: ETP AREA							
9	05/11/2024	37.9	63.2	21.4	23.3	545	522
10	06/11/2024	42.3	66.5	23.3	25.5	537	549
11	12/11/2024	41.8	59.7	21.0	24.1	535	554
12	13/11/2024	43.6	60.3	21.3	23.3	527	536
13	19/11/2024	42.5	58.5	21.6	24.2	528	535
14	20/11/2024	41.7	61.4	20.0	22.5	537	545
15	26/11/2024	38.5	62.2	22.6	25.8	548	551
16	27/11/2024	35.7	58.7	21.4	24.1	534	529
LOCATION: IPU UNIT							
17	05/11/2024	34.9	53.4	22.8	23.2	521	547
18	06/11/2024	38.9	56.9	21.9	24.6	535	546
19	12/11/2024	39.5	59.8	24.3	25.2	535	544
20	13/11/2024	41.3	60.2	23.8	25.9	518	542
21	19/11/2024	43.8	59.8	24.1	26.3	536	541
22	20/11/2024	41.9	61.6	22.7	25.3	545	537
23	26/11/2024	37.6	63.5	20.7	22.1	536	544
24	27/11/2024	40.5	64.7	21.8	23.1	543	528
Limits As Per NAAQS		60	100	80	80	2000	
Test Methods		Gravimetric Method		Modified West & Geake	Sodium Arsenite	Adsorption and Extraction Followed by GC-MS	

- PM2.5, PM10, SO₂, NO₂, is monitored on 24 hrs. basis & CO is monitored on 8 hrs basis.
- All the values are expressed in µg/m³
- RDS Instrument Make : Envirotech, Model -APM 460 BL, Sr.No.:2887-DTF-2015 & Sr.No.:3114-DTL-2017, Model -APM 460 BL,3114 DTL 2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025
- RDS Instrument Make : Envirotech, Model -APM 550, Sr.No.:1710-DTL-2016 & APM 550EL, Sr.No.:218-DTA-2018, Model -APM 550.1748 DTF-2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/15791/AAQ/01
Issue Date : 2024.12.04
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P.O. Date : 2024.04.12

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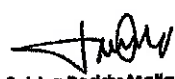
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.11.30	Sampling date on	: 2024.11.05 to 28
Analysis started on	: 2024.11.30	Analysis Completed on	: 2024.12.04
Test Required	: Ammonia as NH ₃ , Benzene as C ₆ H ₆ , Benzo (a) Pyrene, Heavy Metals (As, Ni & Pb) and Ozone.		
Samples Collected by Vimta Labs Limited,		LAB #19 EC:	

LAB #19 EC:

TEST REPORT										
Sr. No.	Date of Sample Collection	NH ₃ (µg/m ³)	C ₆ H ₆ (µg/m ³)	Benzo (a) Pyrene (ng/m ³)	Heavy Metals			Ozone (O ₃) µg/m ³		
					Arsenic (ng/m ³)	Nickel (ng/m ³)	Lead (µg/m ³)	I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING										
1	05/11/2024	BDL	3.4	BDL	<1.0	3.2	0.024	5.0	4.9	5.4
2	06/11/2024	BDL	3.1	BDL	<1.0	3.3	0.023	5.1	4.0	4.7
3	12/11/2024	BDL	4.3	BDL	<1.0	3.1	0.028	5.3	4.1	4.9
4	13/11/2024	BDL	4.6	BDL	<1.0	3.0	0.029	4.8	4.1	4.4
5	19/11/2024	BDL	4.7	BDL	<1.0	4.1	0.024	5.2	4.3	4.0
6	20/11/2024	BDL	4.3	BDL	<1.0	3.7	0.026	5.6	4.4	4.1
7	26/11/2024	BDL	4.8	BDL	<1.0	3.2	0.025	5.4	4.5	4.4
8	27/11/2024	BDL	4.9	BDL	<1.0	4.0	0.031	5.1	5.1	5.8
LOCATION: ETP AREA										
9	05/11/2024	BDL	4.2	BDL	<1.0	4.3	0.025	5.3	4.5	5.0
10	06/11/2024	BDL	3.9	BDL	<1.0	4.4	0.027	5.4	5.2	4.7
11	12/11/2024	BDL	4.1	BDL	<1.0	4.7	0.026	5.6	4.9	4.3
12	13/11/2024	BDL	3.4	BDL	<1.0	3.1	0.025	5.8	4.7	4.8
13	19/11/2024	BDL	4.0	BDL	<1.0	3.3	0.033	5.5	4.1	4.6
14	20/11/2024	BDL	3.4	BDL	<1.0	3.7	0.027	5.3	4.3	4.4
15	26/11/2024	BDL	4.2	BDL	<1.0	4.5	0.032	5.1	5.0	5.1
16	27/11/2024	BDL	3.9	BDL	<1.0	4.5	0.034	5.0	5.3	5.3
LOCATION: IPU UNIT										
17	05/11/2024	BDL	4.5	BDL	<1.0	4.7	0.032	5.3	5.5	4.6
18	06/11/2024	BDL	3.9	BDL	<1.0	4.6	0.031	5.5	5.9	4.5
19	12/11/2024	BDL	3.5	BDL	<1.0	4.4	0.034	4.3	5.7	5.0
20	13/11/2024	BDL	3.8	BDL	<1.0	4.2	0.035	5.0	5.1	4.4
21	19/11/2024	BDL	3.9	BDL	<1.0	4.5	0.035	5.1	4.9	5.1
22	20/11/2024	BDL	3.4	BDL	<1.0	4.3	0.037	4.8	4.2	4.7
23	26/11/2024	BDL	3.3	BDL	<1.0	4.5	0.034	4.2	4.0	4.3
24	27/11/2024	BDL	3.2	BDL	<1.0	4.1	0.035	4.7	4.1	5.1
Limits As Per NAAQS		400	05	01	05	20	1.0	100		
Test Methods		Indophenols Blue method	Solvent Extraction followed by GC and GC-MS/MS analysis			AAS/ICP		UV photometric method		

- NH₃, C₆H₆, BaP & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As 0.2 ng/m³
- Below Detectable Limit for Ni 0.1 ng/m³
- Below Detectable Limit for Pb 0.05 ng/m³
- Below Detectable Limit for NH₃ 20 µg/m³
- Below Detectable Limit for O₃ 2.0 µg/m³
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³


Dr. Subba Reddy Mollampati
Manager-Environment.

ISSUED TO:

M/s. ASIAN PAINTS LIMITED
PLOT NO-50-65, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/15791/AAQ/01
Issue Date : 2024.12.04
P.O. Number : 15387751
P.O. Date : 2024.04.12

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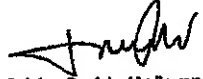
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.11.30	Sampling date on	: 2024.11.05 to 28
Analysis started on	: 2024.11.30	Analysis Completed on	: 2024.12.04
Test Required	SPM, HCL, Cl ₂ , H ₂ S and HC:		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT

Sr. No.	Date of Sample Collection	SPM	HCl	Cl ₂	H ₂ S	HC		
						I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING								
1	05/11/2024	59.9	28.7	40.8	33.6	543	538	536
2	06/11/2024	53.6	29.8	40.6	31.7	549	546	546
3	12/11/2024	54.6	30.2	41.1	34.5	546	538	530
4	13/11/2024	58.7	32.4	42.2	37.6	539	543	531
5	19/11/2024	60.1	34.1	41.9	33.2	538	538	534
6	20/11/2024	62.3	32.1	39.9	34.5	545	545	527
7	26/11/2024	58.9	32.4	41.6	35.6	549	541	544
8	27/11/2024	57.8	35.1	38.7	37.9	537	537	538
LOCATION: EIP AREA								
9	05/11/2024	51.8	30.3	34.2	39.3	528	541	536
10	06/11/2024	49.6	32.3	33.2	40.2	537	547	544
11	12/11/2024	49.6	34.5	31.3	41.3	530	538	531
12	13/11/2024	51.4	31.8	34.3	38.9	528	539	545
13	19/11/2024	55.3	32.7	32.5	39.5	538	545	558
14	20/11/2024	54.5	30.1	34.5	40.3	545	548	552
15	26/11/2024	52.1	33.3	36.1	39.3	540	551	544
16	27/11/2024	53.7	30.2	34.3	40.2	545	556	552
LOCATION: IPU UNIT								
17	05/11/2024	49.9	29.8	35.3	38.6	539	541	537
18	06/11/2024	53.4	38.9	33.4	36.3	545	537	545
19	12/11/2024	51.5	30.3	32.8	37.5	549	540	553
20	13/11/2024	49.7	31.7	36.8	38.9	541	541	554
21	19/11/2024	47.6	32.8	35.1	33.2	538	527	527
22	20/11/2024	48.3	34.4	32.7	38.9	545	539	541
23	26/11/2024	46.2	31.9	33.6	33.4	549	546	545
24	27/11/2024	51.7	30.6	34.8	30.7	551	545	526
Test Method		IS: 5182 P-IV	USEPA -24	IS: 5182 P-XIX	IS: 5182 P-VII	IS: 5182 P-XVII		

- SPM, HCL, Cl₂, H₂S, is monitored on 24 hrs. basis & HC is monitored on 8 hrs basis.
- All the values are expressed in µg/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/17671/AAQ/01
Issue Date : 2025.01.02
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: AMBIENT AIR QUALITY MONITORING

Sample Registered on : 2024.12.31 Sampling date on : 2024.12.03 to 30
Analysis started on : 2024.12.31 Analysis Completed on : 2025.01.02
Test Required : PM2.5, PM10, SO₂, NO₂, CO:
Samples Collected by Vimta Labs Limited. LAB REF.: EC:

TEST REPORT								
Sr. No.	Date of Sample Collection	PM2.5 (µg/m³)	PM10 (µg/m³)	SO ₂ (µg/m³)	NO ₂ (µg/m³)	CO µg/m³		
LOCATION: TOP OF THE ADMISSION BUILDING								
1	03/12/2024	36.2	68.9	20.5	22.6	545	551	541
2	04/12/2024	35.5	70.3	22.6	23.2	538	521	538
3	10/12/2024	40.1	68.6	21.8	24.4	554	545	537
4	11/12/2024	36.6	69.6	19.8	22.3	538	549	547
5	17/12/2024	35.2	72.3	20.5	23.5	545	539	549
6	18/12/2024	31.9	71.5	21.8	22.9	529	551	546
7	24/12/2024	34.4	70.6	23.9	26.2	541	558	539
8	25/12/2024	36.5	68.7	22.4	24.6	565	551	540
9	30/12/2024	38.9	69.4	21.9	23.7	551	548	538
LOCATION: EIP AREA								
10	03/12/2024	39.7	68.6	22.7	24.6	543	536	548
11	04/12/2024	40.2	65.8	24.2	26.4	538	540	561
12	10/12/2024	45.3	64.4	22.6	25.3	541	538	554
13	11/12/2024	40.7	68.2	22.5	24.5	548	526	547
14	17/12/2024	39.7	65.5	23.5	25.8	552	541	538
15	18/12/2024	41.4	68.7	21.8	23.7	555	549	541
16	24/12/2024	43.2	69.4	22.0	24.2	547	548	553
17	25/12/2024	39.9	65.6	23.5	24.8	548	539	549
18	30/12/2024	41.5	68.9	23.6	24.9	551	538	549
LOCATION: IPU UNIT								
19	03/12/2024	39.7	66.3	21.5	24.8	546	553	545
20	04/12/2024	40.5	61.9	20.4	23.2	549	551	547
21	10/12/2024	43.3	63.2	21.5	23.7	553	535	536
22	11/12/2024	42.8	66.4	21.5	24.3	563	528	551
23	17/12/2024	45.1	67.3	22.3	25.4	554	539	545
24	18/12/2024	43.2	64.4	21.5	23.7	539	549	559
25	24/12/2024	39.9	68.9	21.8	23.9	554	551	543
26	25/12/2024	41.8	69.2	22.8	24.6	545	539	549
27	30/12/2024	41.9	70.2	21.9	24.3	551	541	548
Limits As Per NAAQS		60	100	80	80	2000		
Test Methods		Gravimetric Method		Modified West Gage	Sodium Arsenite	Adsorption and Extraction Followed by GC-MS		

- PM2.5, PM10, SO₂, NO₂ is monitored on 24 hrs. Basis & CO is monitored on 8 hrs basis.
- All the values are expressed in µg/m³
- RDS Instrument Make : Envirotech, Model-APM 460 BL, Sr.No.:2887-DTF-2015 & Sr.No.:3114-DTL-2017, Model-APM 460 BL,3114 DTL 2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025
- FDS Instrument Make : Envirotech, Model-APM 550, Sr.No.:1710-DTL-2016 & APM 550EL, Sr.No.:218-DTA-2018, Model-APM 550,1748 DTH-2017.
- Date of Calibration : 25/02/2024 Calibration Due : 24/02/2025

Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/s. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/17671/AAQ/01
Issue Date : 2025.01.02
P.O. Number : 15387751
P.O. Date : 2024.04.12

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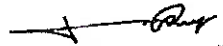
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Sample Registered on	: 2024.12.31	Sampling date on	: 2024.12.03 to 30
Analysis started on	: 2024.12.31	Analysis Completed on	: 2025.01.02
Test Required	Ammonia as NH ₃ , Benzene as C ₆ H ₆ , Benzo (a) Pyrene, Heavy Metals (As, Ni & Pb) and Ozone.		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT

Sr. No.	Date of Sample Collection	NH ₃	C ₆ H ₆	Benzo (a) Pyrene	Heavy Metals			Ozone (O ₃)			µg/m ³
		(µg/m ³)	(µg/m ³)	(ng/m ³)	Arsenic (ng/m ³)	Nickel (ng/m ³)	Lead (µg/m ³)	I	II	III	
LOCATION: TOP OF THE ADMISSION BUILDING											
1	03/12/2024	BDL	3.9	BDL	<1.0	3.5	0.029	5.2	4.9	5.1	
2	04/12/2024	BDL	3.7	BDL	<1.0	3.9	0.027	5.4	4.4	4.7	
3	10/12/2024	BDL	4.9	BDL	<1.0	3.7	0.026	5.1	4.6	4.6	
4	11/12/2024	BDL	4.8	BDL	<1.0	3.6	0.024	4.9	4.7	4.5	
5	17/12/2024	BDL	4.1	BDL	<1.0	4.4	0.021	5.4	4.8	4.4	
6	18/12/2024	BDL	4.0	BDL	<1.0	4.7	0.023	5.2	4.5	4.7	
7	24/12/2024	BDL	4.2	BDL	<1.0	3.9	0.020	5.6	4.7	4.2	
8	25/12/2024	BDL	4.3	BDL	<1.0	4.4	0.026	5.3	5.4	5.1	
9	30/12/2024	BDL	4.4	BDL	<1.0	4.5	0.028	5.2	4.7	4.8	
LOCATION: ETP AREA											
10	03/12/2024	BDL	4.1	BDL	<1.0	4.8	0.024	5.0	4.7	5.4	
11	04/12/2024	BDL	4.2	BDL	<1.0	4.9	0.022	5.1	5.4	4.9	
12	10/12/2024	BDL	4.5	BDL	<1.0	5.1	0.025	5.2	4.2	4.7	
13	11/12/2024	BDL	3.9	BDL	<1.0	4.6	0.027	5.3	4.5	4.5	
14	17/12/2024	BDL	4.6	BDL	<1.0	4.2	0.031	5.0	4.1	4.3	
15	18/12/2024	BDL	4.8	BDL	<1.0	4.7	0.035	5.1	4.5	4.1	
16	24/12/2024	BDL	4.9	BDL	<1.0	4.9	0.034	5.6	5.4	5.3	
17	25/12/2024	BDL	4.5	BDL	<1.0	5.1	0.037	5.4	5.2	5.0	
18	30/12/2024	BDL	4.2	BDL	<1.0	5.3	0.039	5.3	5.5	4.8	
LOCATION: IPU UNIT											
19	03/12/2024	BDL	4.9	BDL	<1.0	5.4	0.031	5.2	5.4	4.8	
20	04/12/2024	BDL	4.7	BDL	<1.0	4.9	0.028	5.7	5.2	4.9	
21	10/12/2024	BDL	4.3	BDL	<1.0	4.8	0.031	4.8	5.6	5.2	
22	11/12/2024	BDL	4.6	BDL	<1.0	4.7	0.032	5.4	5.3	4.8	
23	17/12/2024	BDL	4.2	BDL	<1.0	4.6	0.033	5.2	5.5	4.7	
24	18/12/2024	BDL	4.8	BDL	<1.0	4.9	0.028	4.9	4.8	4.6	
25	24/12/2024	BDL	4.9	BDL	<1.0	4.4	0.026	4.6	4.7	4.5	
26	25/12/2024	BDL	3.9	BDL	<1.0	4.9	0.024	4.9	4.6	5.0	
27	30/12/2024	BDL	4.7	BDL	<1.0	5.2	0.028	5.3	4.4	4.6	
Limits As Per NAAQS		400	05	01	06	20	1.0	100			
Test Methods		Indophenols Blue method	Solvent Extraction followed by GC and GC-MS/MS analysis			AAS/ICP		UV photometric method			

- NH₃, C₆H₆, BaP & Heavy Metals (As, Ni, Pb) is monitored on 24 hrs. Basis & Ozone is monitored on 8 hrs basis.
- Below Detectable Limit for As 0.2 ng/m³
- Below Detectable Limit for Ni 0.1 ng/m³
- Below Detectable Limit for Pb 0.05 ng/m³
- Below Detectable Limit for NH₃ 20 µg/m³
- Below Detectable Limit for O₃ 2.0 µg/m³
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³


Dr. Subba Reddy Mallampati
Manager-Environment.

ISSUED TO:
M/S. ASIAN PAINTS LIMITED
PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/24/17671/AAQ/01
Issue Date : 2025.01.02
P.O. Number : 15387751
P.O. Date : 2024.04.12

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Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.12.31	Sampling date on	: 2024.12.03 to 30
Analysis started on	: 2024.12.31	Analysis Completed on	: 2025.01.02
Test Required	SPM, HCl, Cl ₂ , H ₂ S and HC;		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC:	

TEST REPORT

Sr. No.	Date of Sample Collection	SPM	HCl	Cl ₂	H ₂ S	HC		
						I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING								
1	03/12/2024	55.9	29.5	41.9	35.1	547	528	545
2	04/12/2024	57.3	32.5	42.1	33.7	552	531	549
3	10/12/2024	56.1	31.8	41.9	34.1	553	522	540
4	11/12/2024	56.4	33.4	43.5	36.2	546	529	544
5	17/12/2024	61.7	35.1	42.8	35.7	545	526	547
6	18/12/2024	63.6	26.1	40.7	34.2	549	539	539
7	24/12/2024	59.8	34.3	42.3	36.8	552	538	545
8	25/12/2024	60.4	35.1	40.6	35.2	546	541	546
9	30/12/2024	61.5	34.2	38.9	36.3	548	538	548
LOCATION: ETP AREA								
10	03/12/2024	54.3	23.2	36.3	41.8	538	549	541
11	04/12/2024	50.3	31.9	35.1	42.7	541	542	546
12	10/12/2024	51.7	32.8	32.8	42.4	546	546	538
13	11/12/2024	53.4	33.5	35.5	40.7	538	547	540
14	17/12/2024	54.6	34.1	36.1	41.8	544	541	537
15	18/12/2024	55.8	32.8	36.0	42.8	549	535	543
16	24/12/2024	56.3	33.8	34.5	41.6	553	538	538
17	25/12/2024	55.2	33.8	35.3	41.8	538	540	529
18	30/12/2024	52.7	34.8	36.1	41.9	541	543	537
LOCATION: IPU UNIT								
19	03/12/2024	51.3	36.8	34.7	36.3	546	528	544
20	04/12/2024	52.8	37.2	35.2	37.4	540	541	540
21	10/12/2024	53.7	36.5	34.1	38.1	541	537	543
22	11/12/2024	51.8	34.4	35.3	40.3	538	545	547
23	17/12/2024	52.9	33.1	36.9	35.4	553	539	538
24	18/12/2024	53.3	35.2	34.4	36.7	557	547	538
25	24/12/2024	48.9	34.4	25.4	35.2	551	541	540
26	25/12/2024	52.6	35.2	36.3	34.4	548	539	551
27	30/12/2024	53.3	34.6	37.8	36.7	538	549	544
Test Method		IS: 5182 P-IV	USEPA -24	IS: 5182 P-XIX	IS: 5182 P-VII	IS: 5182 P-XVII		

- SPM, HCl, Cl₂, H₂S is monitored on 24 hrs. Basis & HC is monitored on 8 hrs basis.
- All the values are expressed in µg/m³


Dr. Subba Reddy Mallampalli
Manager-Environment.