

Ref No: - MOEF/EC Compliance /2024/06/01

1st June 2024

To,

The Director,
Ministry of Environment and Forests – CC,
Integrated Regional Office,
3rd Floor, Room No. 309, Aranya Bhawan, Safiabad,
Hyderabad,
Telangana – 500004.

Subject: Submission of Half yearly condition wise compliance report of Environmental Clearance for the period of Oct'2023 to Mar'2024.

Reference:

1. Letter No.J-1101/46/96 - IA II (I) Dated 30th April 1997

Dear Sir,

Please find enclosed the point-wise compliance status to the above Environmental Clearance for the period of Oct'23 to Mar'24.

We were granted EC in 2008 with an extension of validity in 2015, allowing us to expand our production capacity to 1,00,000 KL. However, we would like to bring to your attention that we have foregone the implementation and maintained the installed and operational capacity at 80,000 KL.

We assure you that Asian Paints will continue to operate in an environmentally responsible manner and maintain the highest standards of environmental stewardship. We are committed to working closely with the MoEF and PCB to ensure the sustainable growth of our industry while preserving the ecological balance of the region.

Request you to acknowledge the receipt of this letter.

Thanking You,

For Asian Paints Limited Ltd - Patancheru


Vagvala Harikrishna



Associate General Manager

Registered Office : Asian Paints Limited, 6A, Shantinagar, Santacruz (East), Mumbai - 400 055, tel : (022) 6218 1000 Fax : (022) 6218 1111

HALF YEARLY COMPLIANCE REPORT (Oct'23 – Mar'24)



ASIAN PAINTS LIMITED
PATANCHERU PLANT
SANGAREDDY DISTRICT
TELANGANA STATE
502319

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 270C) 50 mg/l e. Phenolics as C6H5OH 1 mg/l f. Lead as Pb 0.1mg/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 MSHHC 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
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.	The Hazardous waste is stored in Leachate proof storage area and is disposed off to TSPCB authorized disposal facility.
	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.	ETP Sludge from operation is disposed off to TSPCB Authorized Disposal facility.
vii.	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.	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 - VI
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 - VII
	Adequate measures for control of noise should be taken so as to keep noise levels below 85 dB in the work environment.	Noted and complied Annexure - VIII

ix.	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.	Acoustic enclosure is provided for the machines like DG Sets, blowers, compressors and also well designed ear muffs/ plugs are provided. Annexure - VIII
x.	Occupational health surveillance programme should be undertaken as a regular exercise for employees especially engaged in handling hazardous substances.	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 executive 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

Annexure - I	Condition Wise Compliance report - CFO
Annexure - II	Report on Ambient Air Quality
Annexure - II	report of Emissions of various 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	Test reports of Ground water
Annexure - VII	Test report of ETP Sludge
Annexure - VIII	Report on Awareness related to single use plastic
Annexure - IX	Test report of Noise Monitoring
Annexure - X	Environmental Budget

Annexure – I

Condition Wise Compliance report - CFO



Asian Paints Limited
Plot No. 50-55,
IDA Layout, Phase II,
Patancheru-502319,
Dist. Sangareddy (TS)
T : (08455) 264399
www.asianpaints.com

Ref No - TSPCB: RO I – Sangareddy /HYCR/2024/2/05

26th Feb 2024

To,

The Environmental Engineer,
Regional Office,
Telangana State 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,

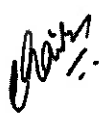
Please find enclosed Condition wise compliance report against for the period from July'2023 to December'2023.

We assure 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: TSPCB, Head Office



Registered Office : Asian Paints Limited, 6A, Shantinagar, Santacruz (East), Mumbai - 400 055, India Tel : (022) 6218 1000 Fax : (022) 6218 1111

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
(July'23 - Dec'23)**

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

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

Classification: Internal

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

SCHEDULE-A		
S.No	Condition	Status
1	The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along With prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of -the Board. The applicant can also apply for Auto Renewal of the CFO at least 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt,19.11.2015 & 08.12.2015 (available in Board's Website http //tspcb cgg.gov.in/Pages/Circulars.aspx)	Complied
2	This order is issued In line with Board's CFO & HWA order dt 28.05 2016, CFO amendment order dt 28 08.2016, 29.09.2016 & 26.04.2019 Concealing the factual data or submission of false Information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts The industry shall comply with all other conditions CFO & HWA order dt. 28 05 2016, CFO amendment order dt 28 08 2016 , 29.09 2016 & 26 04 2019 is still applicable .	Complied
3	Any person aggrieved by an order made by the State Board under section 25, section 26, section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to such authority (herein after referred to as the Appellate Authority) constituted under Section 28 of the water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act , 1981.	Complied
4	The industry may explore the possibility of tapping the solar energy for their energy requirements.	Complied
5	The industry shall comply with all the directions issued by the board from time to time.	Complied
6	The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.	Noted, will be complied

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 <table> <tr> <th>Chimney No.</th><th>Parameter</th><th>Emission Standards</th></tr> <tr> <td>1 to 5</td><td>SPM</td><td>115 mg/Nm³</td></tr> <tr> <td rowspan="13">6</td><td>Particulates</td><td>30 mg/Nm³</td></tr> <tr> <td>HCl</td><td>50 mg/Nm³</td></tr> <tr> <td>SO₂</td><td>200 mg/Nm³</td></tr> <tr> <td>CO</td><td>100 mg/Nm³</td></tr> <tr> <td>Total Organic Carbon</td><td>20 mg/Nm³</td></tr> <tr> <td>HF</td><td>4 mg/Nm³</td></tr> <tr> <td>NO_x (NO and NO₂)</td><td>400 mg/Nm³</td></tr> <tr> <td>Hydrocarbons</td><td>10 PPM</td></tr> <tr> <td>Total Dioxins and Furans</td><td>0.1 n TEQ/Nm³</td></tr> <tr> <td>Metals</td><td></td></tr> <tr> <td>Cd + Th (and Its compounds)</td><td>0.05 m /Nm³</td></tr> <tr> <td>Hg (and Its compounds)</td><td>0.05 m /Nm³</td></tr> <tr> <td>Sb + As +Pb + co + cr + cu + Mn + Ni + V (and Its compounds)</td><td>0.5 mg/Nm³</td></tr> </table>	Chimney No.	Parameter	Emission Standards	1 to 5	SPM	115 mg/Nm ³	6	Particulates	30 mg/Nm ³	HCl	50 mg/Nm ³	SO ₂	200 mg/Nm ³	CO	100 mg/Nm ³	Total Organic Carbon	20 mg/Nm ³	HF	4 mg/Nm ³	NO _x (NO and NO ₂)	400 mg/Nm ³	Hydrocarbons	10 PPM	Total Dioxins and Furans	0.1 n TEQ/Nm ³	Metals		Cd + Th (and Its compounds)	0.05 m /Nm ³	Hg (and Its compounds)	0.05 m /Nm ³	Sb + As +Pb + co + cr + cu + Mn + Ni + V (and Its compounds)	0.5 mg/Nm ³	1 to 5 – Complied, Reports available 6 – The incinerator is not under operation.
Chimney No.	Parameter	Emission Standards																																	
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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, PM_{2.5} (Particulate Matter Size less than 2.5 pm) - 60 g/m³, SO₂ - 80 g/ m³, NO_x, - 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-B		
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 pad 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 analyze 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 ie 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.	Complied
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.	Noted, work in progress
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.	Complied
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

Annexure – II

Test report on Ambient Air Quality and Emissions of Various Chimneys

Vimta Labs Limited

Registered Office

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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/23/13166/AAQ/01

Issue Date : 2023.11.03

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 1 of 3

Sample Particulars: **AMBIENT AIR QUALITY MONITORING**

Samples Registered on : 2023.11.01 Sampling date on : 2023.10.03 to 31

Analysis started on : 2023.11.01 Analysis Completed on : 2023.11.03

Test Required : PM2.5, PM10, SO₂, NO₂, CO;

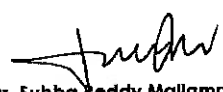
Samples Collected by Vimta Labs Limited.

LAB REF.: EC;

TEST REPORT

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	03/10/2023	30.1	55.1	21.9	22.4	535	551	535
2	04/10/2023	30.5	54.6	22.1	24.6	525	518	548
3	10/10/2023	25.9	49.6	21.3	23.3	536	525	549
4	11/10/2023	24.3	51.4	22.0	24.1	545	527	547
5	17/10/2023	31.8	56.3	23.1	25.2	533	523	564
6	18/10/2023	32.6	49.4	21.5	23.3	545	518	566
7	25/10/2023	29.9	57.2	20.4	22.7	545	534	540
8	26/10/2023	31.7	55.2	22.6	225.3	536	545	538
LOCATION: ETP AREA								
9	03/10/2023	32.5	51.5	20.4	23.3	533	535	545
10	04/10/2023	30.6	52.9	18.6	21.1	527	536	535
11	10/10/2023	31.9	53.4	20.1	23.9	534	541	539
12	11/10/2023	30.7	52.9	22.6	25.5	531	537	541
13	17/10/2023	32.6	54.7	23.2	26.1	529	541	545
14	18/10/2023	30.9	56.3	24.1	27.4	541	546	547
15	25/10/2023	31.6	57.9	23.2	25.3	539	545	549
16	26/10/2023	33.5	61.2	20.5	23.3	541	539	541
LOCATION: IPU UNIT								
17	03/10/2023	29.9	53.2	23.6	25.5	525	536	536
18	04/10/2023	30.4	55.4	22.1	24.6	518	525	541
19	10/10/2023	30.9	51.6	24.1	26.9	521	536	556
20	11/10/2023	31.1	50.4	23.2	25.5	525	549	548
21	17/10/2023	32.8	52.3	22.4	25.1	519	546	536
22	18/10/2023	30.1	52.6	23.2	25.7	523	549	525
23	25/10/2023	33.2	54.8	24.1	26.8	536	543	536
24	26/10/2023	31.9	49.9	26.1	28.8	527	539	545
25	31/10/2023	32.8	50.1	25.3	28.3	526	538	524
Limits As Per NAAQS		60	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 BL/3114 DTL 2017.
- Date of Calibration : 25/02/2023 Calibration Due : 24/02/2024
- FDS Instrument Make : Envirotech, Model-APM 550, Sr.No.:1710-DTL-2016 & APM 55CEL Sr.No.:218-DTA-2018, Model-APM 550 /748 DTH-2017.
- Date of Calibration : 25/02/2023 Calibration Due : 24/02/2024


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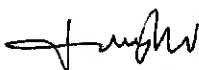
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2023.11.01	Sampling date on	: 2023.10.03 to 31
Analysis started on	: 2023.11.01	Analysis Completed on	: 2023.11.03
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	03/10/2023	BDL	3.3	BDL	<1.0	3.2	0.032	4.3	5.1	4.6
2	04/10/2023	BDL	3.9	BDL	<1.0	4.2	0.035	4.5	5.6	5.3
3	10/10/2023	BDL	3.4	BDL	<1.0	4.1	0.027	4.1	6.4	6.1
4	11/10/2023	BDL	3.8	BDL	<1.0	4.9	0.029	3.9	5.8	6.2
5	17/10/2023	BDL	4.1	BDL	<1.0	4.7	0.026	4.0	5.9	6.1
6	18/10/2023	BDL	4.9	BDL	<1.0	4.1	0.028	4.3	6.3	6.5
7	25/10/2023	BDL	3.8	BDL	<1.0	3.9	0.024	3.4	6.0	6.1
8	26/10/2023	BDL	3.5	BDL	<1.0	4.3	0.026	4.4	6.2	5.8
LOCATION: ETP AREA										
9	03/10/2023	BDL	2.9	BDL	<1.0	4.7	0.029	4.1	5.2	5.4
10	04/10/2023	BDL	3.3	BDL	<1.0	4.0	0.026	4.3	5.8	5.1
11	10/10/2023	BDL	3.6	BDL	<1.0	4.6	0.027	4.1	5.9	5.0
12	11/10/2023	BDL	2.8	BDL	<1.0	4.7	0.029	3.9	6.1	5.3
13	17/10/2023	BDL	3.5	BDL	<1.0	3.9	0.026	4.2	5.9	5.4
14	18/10/2023	BDL	3.9	BDL	<1.0	3.7	0.024	4.0	6.3	5.5
15	25/10/2023	BDL	3.7	BDL	<1.0	3.2	0.026	4.4	6.1	5.3
16	26/10/2023	BDL	3.4	BDL	<1.0	3.1	0.027	4.5	6.0	5.2
LOCATION: IPU UNIT										
17	03/10/2023	BDL	3.9	BDL	<1.0	4.5	0.029	4.0	4.9	5.7
18	04/10/2023	BDL	4.1	BDL	<1.0	4.9	0.027	3.9	5.3	5.6
19	10/10/2023	BDL	4.6	BDL	<1.0	3.6	0.025	4.3	5.9	6.2
20	11/10/2023	BDL	4.7	BDL	<1.0	3.7	0.022	3.7	5.8	6.8
21	17/10/2023	BDL	3.9	BDL	<1.0	3.5	0.021	3.9	5.9	5.4
22	18/10/2023	BDL	3.5	BDL	<1.0	3.9	0.023	3.7	5.6	5.1
23	25/10/2023	BDL	4.7	BDL	<1.0	4.3	0.020	3.8	5.0	5.3
24	26/10/2023	BDL	3.9	BDL	<1.0	4.7	0.021	3.8	5.6	5.8
25	31/10/2023	BDL	4.3	BDL	<1.0	4.9	0.025	4.1	6.1	6.1
Limits As Per NAAQS		400	05	01	04	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


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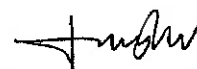
Sample Particulars: **AMBIENT AIR QUALITY MONITORING**

Samples Registered on	: 2023.11.01	Sampling date on	: 2023.10.03 to 31
Analysis started on	: 2023.11.01	Analysis Completed on	: 2023.11.03
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	03/10/2023	46.6	30.4	32.5	27.6	545	532	536
2	04/10/2023	46.1	31.5	33.9	28.6	525	540	537
3	10/10/2023	47.8	32.3	28.9	27.3	531	536	536
4	11/10/2023	50.2	32.8	29.2	28.2	526	531	525
5	17/10/2023	51.2	33.9	34.5	27.6	529	539	528
6	18/10/2023	53.2	31.8	29.6	28.3	531	545	541
7	25/10/2023	50.4	33.5	27.3	29.4	536	546	536
8	26/10/2023	55.2	28.9	26.4	30.5	540	541	545
LOCATION: EFF AREA								
9	03/10/2023	53.2	28.9	29.6	26.8	536	536	552
10	04/10/2023	50.4	29.2	30.2	28.9	525	539	536
11	10/10/2023	53.3	27.8	28.9	27.5	535	529	545
12	11/10/2023	54.5	28.9	29.8	28.1	526	541	535
13	17/10/2023	56.1	30.2	32.3	28.9	531	538	545
14	18/10/2023	57.7	29.7	31.8	29.6	528	545	525
15	25/10/2023	58.1	26.9	28.9	28.4	531	545	528
16	26/10/2023	59.3	26.1	28.3	29.5	536	536	531
LOCATION: IPU UNIT								
17	03/10/2023	54.4	27.5	28.6	28.8	533	548	535
18	04/10/2023	55.6	28.1	29.9	30.3	541	553	547
19	10/10/2023	57.9	26.7	28.6	27.5	535	561	556
20	11/10/2023	54.5	28.1	29.6	28.6	545	545	541
21	17/10/2023	56.9	29.6	30.4	27.6	546	533	536
22	18/10/2023	59.1	33.1	31.6	30.2	549	530	556
23	25/10/2023	57.4	30.5	34.6	35.6	547	525	539
24	26/10/2023	58.6	33.2	36.6	34.9	541	531	564
25	31/10/2023	59.3	32.1	34.4	35.6	536	526	542
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



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PLOT NO-50-55, IDA

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T.S. INDIA

Report Number : VLL/VLS/23/14102/AAQ/01

Issue Date : 2023.12.04

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 1 of 3

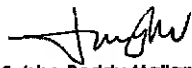
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2023.11.30	Sampling date on	: 2023.11.01 to 29
Analysis started on	: 2023.11.30	Analysis Completed on	: 2023.12.04
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	I	II	III
LOCATION: TOP OF THE ADMISSION BUILDING									
1	01/11/2023	33.4	57.6	20.2	23.3	524	535	523	
2	07/11/2023	24.1	58.3	18.9	25.4	531	529	547	
3	08/11/2023	28.9	51.4	19.4	26.5	528	514	521	
4	14/11/2023	26.7	53.6	20.1	24.9	530	538	534	
5	15/10/2023	32.9	58.9	21.2	26.1	522	529	555	
6	21/11/2023	24.7	51.2	19.8	24.8	519	522	547	
7	22/11/2023	31.9	59.6	18.6	25.5	529	530	536	
8	28/11/2023	35.5	58.2	20.4	24.1	533	549	526	
9	29/11/2023	36.1	58.6	22.5	20.6	547	556	534	
LOCATION: ETP AREA									
10	07/11/2023	35.3	53.3	20.1	21.6	533	541	537	
11	08/11/2023	32.2	54.5	20.4	23.2	527	549	526	
12	14/11/2023	34.7	56.1	20.9	23.4	534	546	527	
13	15/10/2023	36.1	54.7	21.2	24.4	531	543	536	
14	21/11/2023	35.1	56.1	25.6	24.9	529	547	532	
15	22/11/2023	24.3	57.9	25.9	28.4	541	553	529	
16	28/11/2023	33.7	58.4	25.6	27.9	539	559	531	
17	29/11/2023	35.4	62.3	26.1	28.2	541	547	527	
LOCATION: IPU UNIT									
18	07/11/2023	32.6	59.6	24.4	26.2	518	536	535	
19	08/11/2023	34.1	54.7	26.5	28.4	521	539	542	
20	14/11/2023	35.3	56.6	24.9	26.2	525	554	544	
21	15/10/2023	34.4	54.7	25.5	28.4	519	522	525	
22	21/11/2023	34.9	55.2	24.6	27.6	523	536	534	
23	22/11/2023	35.5	56.7	25.8	28.2	536	529	518	
24	28/11/2023	34.7	52.2	27.9	26.4	527	524	520	
25	29/11/2023	36.1	53.6	28.3	25.9	526	518	537	
Limits As Per NAAQS		60	100	80	80	2000			
Test Methods		Gravimetric Method		Modified West & Geake	Sodium Arsenite	Absorption 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 BL,3114 DTL 2017.
- Date of Calibration : 25/02/2023 Calibration Due : 24/02/2024
- 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 : 25/02/2023 Calibration Due : 24/02/2024


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T.S. INDIA

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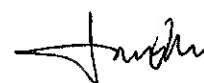
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on : 2023.11.30 Sampling date on : 2023.11.01 to 29
Analysis started on : 2023.11.30 Analysis Completed on : 2023.12.04
Test Required : Ammonia as NH₃, Benzene as C₆H₆, 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.H. ₄ (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	01/11/2023	BDL	3.9	BDL	<1.0	3.0	0.034	4.0	5.3	5.3
2	07/11/2023	BDL	4.7	BDL	<1.0	3.6	0.031	4.2	5.9	5.7
3	08/11/2023	BDL	4.9	BDL	<1.0	4.4	0.029	4.4	6.1	6.4
4	14/11/2023	BDL	4.3	BDL	<1.0	4.2	0.025	4.6	6.3	6.5
5	15/10/2023	BDL	4.7	BDL	<1.0	4.9	0.023	4.4	6.5	6.7
6	21/11/2023	BDL	3.5	BDL	<1.0	4.4	0.022	4.3	6.2	6.2
7	22/11/2023	BDL	3.9	BDL	<1.0	4.7	0.021	3.7	6.4	5.4
8	28/11/2023	BDL	3.7	BDL	<1.0	4.9	0.024	4.0	6.0	6.1
9	29/11/2023	BDL	3.4	BDL	<1.0	4.0	0.023	4.3	5.8	5.8
LOCATION: ETP AREA										
10	07/11/2023	BDL	3.7	BDL	<1.0	4.2	0.032	4.5	5.6	5.7
11	08/11/2023	BDL	3.9	BDL	<1.0	4.1	0.028	4.0	6.1	5.5
12	14/11/2023	BDL	3.8	BDL	<1.0	4.3	0.029	4.3	6.4	5.4
13	15/10/2023	BDL	3.4	BDL	<1.0	4.4	0.031	4.5	6.7	5.8
14	21/11/2023	BDL	3.9	BDL	<1.0	4.1	0.029	4.0	6.1	5.9
15	22/11/2023	BDL	4.3	BDL	<1.0	4.0	0.027	4.2	6.5	5.4
16	28/11/2023	BDL	4.1	BDL	<1.0	3.8	0.028	3.8	6.8	5.8
17	29/11/2023	BDL	4.6	BDL	<1.0	3.7	0.024	3.9	6.4	5.9
LOCATION: IPU UNIT										
18	07/11/2023	BDL	4.4	BDL	<1.0	4.4	0.025	4.1	5.9	6.2
19	08/11/2023	BDL	4.9	BDL	<1.0	4.6	0.023	4.3	6.2	6.4
20	14/11/2023	BDL	4.7	BDL	<1.0	3.8	0.022	4.2	6.3	6.8
21	15/10/2023	BDL	4.3	BDL	<1.0	3.9	0.020	3.9	6.0	6.9
22	21/11/2023	BDL	4.1	BDL	<1.0	4.3	0.023	4.1	6.1	5.8
23	22/11/2023	BDL	3.9	BDL	<1.0	4.1	0.021	4.0	6.4	5.8
24	28/11/2023	BDL	4.4	BDL	<1.0	4.0	0.023	4.4	6.6	5.9
25	29/11/2023	BDL	4.6	BDL	<1.0	3.7	0.020	4.6	6.1	6.4
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



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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/23/14102/AAQ/01
Issue Date : 2023.12.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 3 of 3

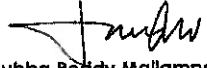
Sample Particulars: **AMBIENT AIR QUALITY MONITORING**

Samples Registered on	: 2023.11.30	Sampling date on	: 2023.11.01 to 29
Analysis started on	: 2023.11.30	Analysis Completed on	: 2023.12.04
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	01/11/2023	42.2	32.2	33.6	28.9	532	525	545
2	07/11/2023	43.4	34.3	35.1	30.4	531	514	545
3	08/11/2023	45.5	35.6	30.1	28.6	524	515	541
4	14/11/2023	43.5	34.1	31.5	30.2	536	519	533
5	15/10/2023	46.1	35.9	36.3	28.9	534	521	530
6	21/11/2023	48.6	34.8	30.4	30.2	545	543	535
7	22/11/2023	47.6	36.4	29.8	31.4	549	519	521
8	28/11/2023	54.1	31.2	28.9	32.5	553	527	529
9	29/11/2023	52.6	33.5	30.4	30.6	548	531	531
LOCATION: ETP AREA								
10	07/11/2023	50.4	30.5	31.3	28.3	541	545	541
11	08/11/2023	52.6	31.4	32.7	26.4	536	543	526
12	14/11/2023	51.4	29.9	30.5	28.1	542	537	531
13	15/10/2023	52.8	30.4	32.6	29.4	535	535	527
14	21/11/2023	54.1	32.5	34.1	28.6	539	539	533
15	22/11/2023	55.3	31.6	33.8	30.1	531	541	524
16	28/11/2023	56.1	32.4	29.2	32.3	538	529	529
17	29/11/2023	57.7	28.9	30.7	30.4	545	538	537
LOCATION: IPU UNIT								
18	07/11/2023	56.1	29.4	31.2	30.4	548	539	545
19	08/11/2023	57.3	30.2	30.8	28.6	549	542	543
20	14/11/2023	58.4	28.9	30.9	29.6	547	553	541
21	15/10/2023	56.1	30.4	31.5	30.1	556	524	522
22	21/11/2023	58.6	29.6	32.6	30.1	550	529	536
23	22/11/2023	61.2	31.6	33.4	33.2	551	528	528
24	28/11/2023	60.7	32.4	35.2	34.6	554	531	541
25	29/11/2023	61.5	35.4	37.6	35.5	555	545	549
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


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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/23/16585/AAQ/01

Issue Date : 2024.01.04

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 1 of 3

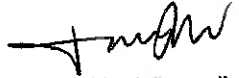
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on : 2023.12.29 Sampling date on : 2023.12.01 to 27
Analysis started on : 2023.12.29 Analysis Completed on : 2024.01.04
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/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	05/12/2023	35.1	61.3	22.4	21.4	529	530	534
2	06/12/2023	37.6	60.2	20.1	23.2	524	526	526
3	12/11/2023	32.4	60.4	17.6	24.4	535	527	534
4	13/12/2023	29.9	58.9	18.4	23.2	541	531	528
5	19/12/2023	30.4	59.4	20.5	25.1	536	536	537
6	20/12/2023	35.3	54.3	21.3	23.6	528	539	543
7	26/12/2023	34.2	56.7	20.8	24.2	539	527	541
8	27/12/2023	33.1	57.2	19.6	23.6	544	539	538
LOCATION: ETP AREA								
9	05/12/2023	30.1	52.3	21.5	23.2	530	535	528
10	06/12/2023	33.5	51.4	22.4	21.7	536	541	546
11	12/11/2023	34.1	50.6	23.1	22.5	539	540	539
12	13/12/2023	32.9	52.7	22.4	23.5	545	536	531
13	19/12/2023	36.1	55.4	23.4	24.4	538	524	527
14	20/12/2023	34.7	53.2	22.6	25.2	537	529	522
15	26/12/2023	35.2	54.3	24.1	26.1	549	541	518
16	27/12/2023	34.6	52.4	23.7	27.5	539	520	529
LOCATION: IPU UNIT								
17	05/12/2023	32.6	59.6	24.4	26.2	518	536	535
18	06/12/2023	34.1	54.7	26.5	28.4	521	539	542
19	12/11/2023	35.3	56.6	24.9	26.2	525	554	544
20	13/12/2023	34.4	54.7	25.5	26.4	519	522	525
21	19/12/2023	34.9	55.2	24.6	27.6	523	536	534
22	20/12/2023	35.5	56.7	25.8	28.2	536	529	518
23	26/12/2023	34.7	52.2	27.4	26.4	527	524	520
24	27/12/2023							
Limits As Per NAAQS		60	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 : 25/02/2023 Calibration Due : 24/02/2024
- FDS Instrument Make : Envirotech Model -APM 550 Sr.No.:1770-DTL-2016 & APM 550EL, Sr.No.:218-DTA-2016 Model -APM 550.1748 DTH-2017.
- Date of Calibration : 25/02/2023 Calibration Due : 24/02/2024


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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/23/16585/AAQ/01
Issue Date : 2024.01.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 2 of 3

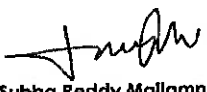
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on : 2023.12.29 Sampling date on : 2023.12.01 to 27
Analysis started on : 2023.12.29 Analysis Completed on : 2024.01.04
Test Required : Ammonia as NH₃, Benzene as C₆H₆, 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	05/12/2023	BDL	4.1	BDL	<1.0	3.8	0.039	4.4	5.0	5.9
2	06/12/2023	BDL	4.5	BDL	<1.0	4.2	0.036	4.2	5.2	6.2
3	12/11/2023	BDL	4.6	BDL	<1.0	4.9	0.032	4.1	5.6	6.1
4	13/12/2023	BDL	4.3	BDL	<1.0	4.0	0.028	4.3	5.9	6.0
5	19/12/2023	BDL	4.1	BDL	<1.0	5.1	0.027	4.2	6.2	6.4
6	20/12/2023	BDL	3.6	BDL	<1.0	4.8	0.025	4.0	6.0	6.0
7	26/12/2023	BDL	3.4	BDL	<1.0	4.0	0.026	3.9	6.1	5.9
8	27/12/2023	BDL	4.1	BDL	<1.0	4.4	0.029	3.8	5.6	5.7
LOCATION: ETP AREA										
9	05/12/2023	BDL	4.3	BDL	<1.0	3.7	0.034	4.2	5.7	5.4
10	06/12/2023	BDL	4.5	BDL	<1.0	3.5	0.032	4.1	5.9	5.8
11	12/11/2023	BDL	4.2	BDL	<1.0	4.0	0.031	3.9	6.1	5.9
12	13/12/2023	BDL	4.0	BDL	<1.0	4.2	0.034	4.2	6.4	5.2
13	19/12/2023	BDL	3.7	BDL	<1.0	4.3	0.035	4.4	5.9	5.1
14	20/12/2023	BDL	4.1	BDL	<1.0	3.9	0.029	4.0	5.3	5.6
15	26/12/2023	BDL	3.8	BDL	<1.0	4.2	0.037	4.3	6.1	5.4
16	27/12/2023	BDL	4.3	BDL	<1.0	4.5	0.029	4.9	5.5	6.3
LOCATION: IPU UNIT										
17	05/12/2023	BDL	3.9	BDL	<1.0	4.3	0.026	4.6	5.2	6.0
18	06/12/2023	BDL	4.2	BDL	<1.0	4.1	0.027	4.9	5.9	6.1
19	12/11/2023	BDL	4.1	BDL	<1.0	4.3	0.025	4.0	6.0	5.9
20	13/12/2023	BDL	4.0	BDL	<1.0	4.6	0.024	3.7	5.4	6.2
21	19/12/2023	BDL	3.8	BDL	<1.0	3.8	0.023	4.9	5.9	6.3
22	20/12/2023	BDL	4.3	BDL	<1.0	4.5	0.025	4.2	6.0	6.5
23	26/12/2023	BDL	4.2	BDL	<1.0	4.7	0.024	4.5	6.2	6.1
24	27/12/2023	BDL	4.1	BDL	<1.0	4.5	0.023	4.7	5.8	6.7
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


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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/23/16585/AAQ/01
Issue Date : 2024.01.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

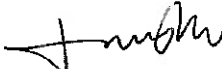
Page No: 3 of 3**Sample Particulars: AMBIENT AIR QUALITY MONITORING**

Samples Registered on	: 2023.12.29	Sampling date on	: 2023.12.01 to 27
Analysis started on	: 2023.12.29	Analysis Completed on	: 2024.01.04
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	05/12/2023	48.6	34.1	33.4	30.1	526	535	524
2	06/12/2023	46.1	32.6	32.8	31.6	524	529	531
3	12/11/2023	47.5	33.9	33.1	28.6	536	533	526
4	13/12/2023	45.2	35.1	30.4	31.8	530	529	530
5	19/12/2023	46.1	34.4	32.5	29.6	539	534	539
6	20/12/2023	47.6	32.1	29.9	32.4	524	545	522
7	26/12/2023	45.8	35.1	26.7	33.5	535	542	535
8	27/12/2023	48.9	32.6	27.5	34.7	539	539	531
LOCATION: ETP AREA								
9	05/12/2023	47.6	33.3	28.9	25.6	529	556	536
10	06/12/2023	50.3	32.4	30.6	26.4	524	539	531
11	12/11/2023	48.9	30.1	31.6	27.2	539	537	528
12	13/12/2023	50.1	32.6	30.4	26.4	530	541	531
13	19/12/2023	51.5	30.4	35.2	27.1	524	546	527
14	20/12/2023	52.1	32.8	32.3	36.9	541	539	530
15	26/12/2023	53.5	34.5	24.2	30.5	545	545	535
16	27/12/2023	54.2	31.9	21.3	31.5	536	526	534
LOCATION: IPU UNIT								
17	05/12/2023	53.2	30.4	31.3	32.3	556	546	531
18	06/12/2023	56.1	31.5	32.4	30.4	551	535	539
19	12/11/2023	54.1	30.6	32.4	31.6	550	541	534
20	13/12/2023	52.6	31.7	33.6	32.8	536	536	535
21	19/12/2023	53.7	30.6	35.4	30.9	529	534	545
22	20/12/2023	55.4	32.1	34.2	31.4	545	538	524
23	26/12/2023	61.6	30.5	33.9	32.6	553	539	532
24	27/12/2023	62.7	32.6	35.1	32.7	546	540	528
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


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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/23/18968/AAQ/01

Issue Date : 2024.02.05

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 1 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.02.01	Sampling date on	: 2024.01.31
Analysis started on	: 2024.02.01	Analysis Completed on	: 2024.02.05
Test Required	: PM2.5, PM10, SO ₂ , NO ₂ , CO;		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

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	02/01/2024	35.9	52.2	22.3	24.3	531	545	544
2	03/01/2024	36.1	53.1	21.1	24.9	546	533	539
3	09/01/2024	29.9	50.3	20.4	24.2	535	543	529
4	10/01/2024	28.4	51.5	21.5	23.1	518	549	518
5	16/01/2024	30.1	52.6	22.7	25.2	538	541	545
6	17/01/2024	31.2	51.9	21.6	22.9	534	544	541
7	23/01/2024	33.1	54.5	20.5	23.8	532	543	546
8	24/01/2024	32.6	57.3	22.3	23.2	521	530	541
9	30/01/2024	33.5	58.9	23.6	25.2	527	541	548
10	31/01/2024	35.1	60.3	24.4	25.7	531	533	552
LOCATION: ETP AREA								
11	02/01/2024	36.7	50.2	21.9	23.5	528	529	538
12	03/01/2024	31.1	51.2	22.8	24.9	539	531	531
13	09/01/2024	30.2	53.8	23.3	25.2	541	528	530
14	10/01/2024	32.4	52.2	24.1	26.4	539	539	543
15	16/01/2024	31.3	54.1	26.9	27.9	545	522	545
16	17/01/2024	33.5	55.2	27.2	28.9	526	544	546
17	23/01/2024	31.5	54.1	27.9	29.3	519	533	526
18	24/01/2024	34.5	58.5	28.3	29.3	529	528	520
19	30/01/2024	33.9	57.8	27.9	29.6	527	549	529
20	31/01/2024	34.5	58.2	26.6	28.4	542	523	543
LOCATION: IPU UNIT								
21	02/01/2024	34.2	55.4	25.1	27.8	539	534	543
22	03/01/2024	33.9	53.2	27.3	29.3	536	539	555
23	09/01/2024	36.7	53.2	26.9	26.3	539	548	532
24	10/01/2024	32.3	51.2	26.2	29.4	527	539	539
25	16/01/2024	36.5	53.3	25.6	28.6	537	541	541
26	17/01/2024	37.7	52.9	24.2	26.5	541	539	538
27	23/01/2024	38.3	50.1	26.2	27.9	527	538	545
28	24/01/2024	39.2	51.5	25.2	26.8	526	535	541
29	30/01/2024	35.2	52.3	25.6	28.4	529	532	529
30	31/01/2024	34.5	51.5	26.8	28.3	543	525	547
Limits As Per NAAQS		60	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 BL,3114 DTL 2017
- Date of Calibration : 25/02/2023 Calibration Due : 24/02/2024
- 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 : 25/02/2023 Calibration Due : 24/02/2024

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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/23/18968/AAQ/01
Issue Date : 2024.02.05
P.O. Number : 15360264
P.O. Date : 2023.04.08

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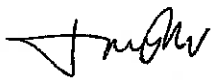
Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on : 2024.02.01 Sampling date on : 2024.01.31
Analysis started on : 2024.02.01 Analysis Completed on : 2024.02.05
Test Required : Ammonia as NH₃, Benzene as C₆H₆, 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	02/01/2024	BDL	3.9	BDL	<1.0	3.6	0.031	4.2	5.6	5.2
2	03/01/2024	BDL	4.7	BDL	<1.0	3.9	0.039	4.5	5.3	5.9
3	09/01/2024	BDL	4.9	BDL	<1.0	4.1	0.022	4.1	6.9	6.1
4	10/01/2024	BDL	4.3	BDL	<1.0	4.0	0.021	4.2	7.1	6.2
5	16/01/2024	BDL	4.7	BDL	<1.0	4.2	0.020	4.1	6.9	6.3
6	17/01/2024	BDL	3.5	BDL	<1.0	4.0	0.017	4.0	6.8	6.1
7	23/01/2024	BDL	3.9	BDL	<1.0	4.3	0.015	3.9	6.0	5.6
8	24/01/2024	BDL	3.7	BDL	<1.0	4.1	0.022	4.2	6.9	6.3
9	30/01/2024	BDL	3.4	BDL	<1.0	4.2	0.021	4.1	6.3	5.9
10	31/01/2024	BDL	3.8	BDL	<1.0	3.9	0.020	4.2	7.1	6.2
LOCATION: EIP AREA										
11	02/01/2024	BDL	3.7	BDL	<1.0	4.5	0.027	4.2	6.5	6.2
12	03/01/2024	BDL	3.9	BDL	<1.0	4.1	0.021	4.1	6.8	6.9
13	09/01/2024	BDL	3.8	BDL	<1.0	4.0	0.022	4.6	6.2	6.2
14	10/01/2024	BDL	3.4	BDL	<1.0	4.1	0.025	4.1	6.9	6.4
15	16/01/2024	BDL	3.9	BDL	<1.0	4.3	0.023	4.8	6.5	6.1
16	17/01/2024	BDL	4.3	BDL	<1.0	4.2	0.024	4.1	6.7	6.6
17	23/01/2024	BDL	4.1	BDL	<1.0	4.2	0.023	4.3	6.3	6.1
18	24/01/2024	BDL	4.6	BDL	<1.0	3.9	0.022	4.1	6.6	5.9
19	30/01/2024	BDL	4.3	BDL	<1.0	4.1	0.021	4.6	7.2	6.3
20	31/01/2024	BDL	4.5	BDL	<1.0	4.3	0.018	3.8	6.9	6.8
LOCATION: IPU UNIT										
21	02/01/2024	BDL	4.1	BDL	<1.0	4.5	0.021	4.7	6.3	6.1
22	03/01/2024	BDL	4.2	BDL	<1.0	4.7	0.021	4.2	6.0	6.0
23	09/01/2024	BDL	4.3	BDL	<1.0	3.9	0.020	4.1	6.1	6.3
24	10/01/2024	BDL	4.5	BDL	<1.0	3.6	0.016	4.5	6.8	6.4
25	16/01/2024	BDL	4.1	BDL	<1.0	4.1	0.019	4.2	6.3	5.9
26	17/01/2024	BDL	4.2	BDL	<1.0	4.2	0.014	4.4	6.8	5.2
27	23/01/2024	BDL	4.1	BDL	<1.0	4.3	0.018	4.6	6.1	5.1
28	24/01/2024	BDL	4.2	BDL	<1.0	3.8	0.015	4.1	6.3	6.2
29	30/01/2024	BDL	3.9	BDL	<1.0	3.3	0.012	3.9	6.0	5.9
30	31/01/2024	BDL	4.1	BDL	<1.0	3.9	0.011	4.8	5.9	6.3
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


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**ISSUED TO:**

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

Report Number : VLL/VLS/23/18968/AAQ/01
Issue Date : 2024.02.05
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 3 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.02.01	Sampling date on	: 2024.01.31
Analysis started on	: 2024.02.01	Analysis Completed on	: 2024.02.05
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	02/01/2024	44.9	34.5	32.1	29.9	528	531	545
2	03/01/2024	45.1	36.1	32.3	32.3	534	529	545
3	09/01/2024	48.3	37.7	32.5	30.4	531	522	541
4	10/01/2024	44.5	35.4	33.4	32.5	545	525	533
5	16/01/2024	41.7	36.5	34.6	30.1	548	534	530
6	17/01/2024	42.7	33.4	33.5	33.2	556	544	535
7	23/01/2024	44.4	37.0	31.5	33.2	523	543	521
8	24/01/2024	51.9	34.4	29.5	35.3	521	541	529
9	30/01/2024	53.3	35.6	30.4	33.4	519	549	531
10	31/01/2024	48.7	36.7	32.2	35.7	534	532	
LOCATION: ETP AREA								
11	02/01/2024	51.3	31.4	33.4	29.9	541	524	529
12	03/01/2024	54.3	33.6	35.4	27.2	536	548	520
13	09/01/2024	52.9	32.6	30.1	29.3	542	532	528
14	10/01/2024	51.0	33.9	32.0	30.3	535	531	521
15	16/01/2024	52.2	34.1	31.2	29.4	539	534	532
16	17/01/2024	53.3	35.4	32.3	31.2	531	539	529
17	23/01/2024	54.1	37.6	34.5	33.4	538	532	533
18	24/01/2024	52.5	29.3	32.1	35.3	545	531	532
19	30/01/2024	52.8	25.9	30.3	34.5	523	534	532
20	31/01/2024	53.2	30.1	31.2	35.9	534	531	521
LOCATION: IPU UNIT								
21	02/01/2024	55.3	30.4	33.2	31.8	531	545	521
22	03/01/2024	56.2	30.2	34.3	30.2	543	543	523
23	09/01/2024	57.6	28.1	30.3	31.2	542	524	531
24	10/01/2024	54.2	30.3	31.2	29.2	532	519	519
25	16/01/2024	57.1	29.5	32.1	34.2	519	522	531
26	17/01/2024	57.8	31.2	33.2	33.7	532	517	532
27	23/01/2024	61.2	32.0	34.2	35.4	530	545	538
28	24/01/2024	60.1	35.1	35.2	36.1	521	538	542
29	30/01/2024	58.9	33.2	32.3	29.2	532	519	523
30	31/01/2024	57.7	32.4	31.4	30.8	535	522	534
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

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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/23/21391/AAQ/01
Issue Date : 2024.03.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 1 of 3

Sample Particulars: **AMBIENT AIR QUALITY MONITORING**

Samples Registered on	: 2024.02.29	Sampling date on	: 2024.02.06 to 28
Analysis started on	: 2024.02.29	Analysis Completed on	: 2024.03.04
Test Required	: PM2.5, PM10, SO ₂ , NO ₂ , CO;		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

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	06/02/2024	36.9	59.9	21.3	24.4	534	545	530
2	07/02/2024	38.4	60.3	20.5	26.1	542	538	541
3	13/02/2024	30.2	58.9	21.9	28.4	543	535	539
4	14/02/2024	29.8	57.7	22.3	27.7	532	547	551
5	20/02/2024	34.4	61.3	23.8	28.3	533	545	559
6	21/02/2024	36.9	58.9	24.4	26.1	526	537	559
7	27/02/2024	33.8	62.2	21.2	24.3	535	534	549
8	28/02/2024	38.4	58.9	23.3	25.3	549	557	556
LOCATION: ETP AREA								
9	06/02/2024	38.8	59.4	22.9	23.3	530	524	520
10	07/02/2024	34.9	60.1	21.8	25.4	539	556	546
11	13/02/2024	36.1	62.4	23.7	26.2	541	520	530
12	14/02/2024	34.9	58.9	24.1	24.9	551	536	556
13	20/02/2024	33.9	58.4	26.9	27.9	538	554	565
14	21/02/2024	36.8	59.7	24.9	29.3	556	543	539
15	27/02/2024	39.4	61.2	25.9	29.6	537	529	521
16	28/02/2024	39.5	64.4	26.9	29.7	567	541	538
LOCATION: IPU UNIT								
17	06/02/2024	39.6	60.2	25.4	26.9	536	547	541
18	07/02/2024	40.2	58.7	27.8	29.3	535	544	555
19	13/02/2024	39.8	60.7	26.2	28.2	542	541	526
20	14/02/2024	36.2	58.8	26.9	29.6	545	547	554
21	20/02/2024	36.5	59.3	26.4	28.4	539	543	549
22	21/02/2024	35.6	58.4	26.2	29.3	545	539	556
23	27/02/2024	38.6	54.4	28.8	28.7	539	545	576
24	28/02/2024	39.4	52.1	29.7	26.3	545	556	541
Limits As Per NAAQS		60	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 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

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Report Number : VLL/VLS/23/21391/AAQ/01
Issue Date : 2024.03.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 2 of 3

Sample Particulars: **AMBIENT AIR QUALITY MONITORING**

Samples Registered on : 2024.02.29 Sampling date on : 2024.02.06 to 28
Analysis started on : 2024.02.29 Analysis Completed on : 2024.03.04
Test Required : Ammonia as NH₃, Benzene as C₆H₆, 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	06/02/2024	BDL	4.9	BDL	<1.0	3.3	0.031	4.4	5.6	5.8	
2	07/02/2024	BDL	4.2	BDL	<1.0	4.5	0.038	4.9	5.9	6.3	
3	13/02/2024	BDL	4.5	BDL	<1.0	5.2	0.035	4.7	6.5	6.2	
4	14/02/2024	BDL	4.1	BDL	<1.0	4.9	0.029	4.5	5.9	6.1	
5	20/02/2024	BDL	4.2	BDL	<1.0	5.3	0.036	4.9	6.3	6.1	
6	21/02/2024	BDL	3.9	BDL	<1.0	5.6	0.029	4.4	6.2	6.2	
7	27/02/2024	BDL	4.4	BDL	<1.0	4.8	0.028	4.9	6.0	5.3	
8	28/02/2024	BDL	4.8	BDL	<1.0	5.1	0.031	4.7	6.1	6.2	
LOCATION: ETP AREA											
9	06/02/2024	BDL	4.1	BDL	<1.0	4.8	0.038	4.1	6.8	5.4	
10	07/02/2024	BDL	4.8	BDL	<1.0	4.8	0.036	4.3	6.1	5.0	
11	13/02/2024	BDL	4.9	BDL	<1.0	4.7	0.038	4.7	6.2	5.1	
12	14/02/2024	BDL	4.2	BDL	<1.0	4.2	0.036	4.3	6.0	5.2	
13	20/02/2024	BDL	4.9	BDL	<1.0	4.0	0.033	4.2	6.6	4.6	
14	21/02/2024	BDL	4.6	BDL	<1.0	4.8	0.029	4.9	6.2	4.3	
15	27/02/2024	BDL	4.5	BDL	<1.0	4.2	0.031	4.8	6.0	4.1	
16	28/02/2024	BDL	4.2	BDL	<1.0	3.9	0.032	4.8	5.7	5.0	
LOCATION: IPU UNIT											
17	06/02/2024	BDL	4.0	BDL	<1.0	4.8	0.034	4.9	5.9	5.6	
18	07/02/2024	BDL	4.3	BDL	<1.0	4.9	0.031	4.8	6.3	5.2	
19	13/02/2024	BDL	4.1	BDL	<1.0	4.4	0.028	4.6	6.7	6.2	
20	14/02/2024	BDL	4.0	BDL	<1.0	4.8	0.029	4.4	6.8	6.1	
21	20/02/2024	BDL	4.3	BDL	<1.0	4.9	0.026	4.6	6.2	5.6	
22	21/02/2024	BDL	4.6	BDL	<1.0	4.7	0.027	4.6	6.9	5.9	
23	27/02/2024	BDL	4.2	BDL	<1.0	4.6	0.035	4.9	7.3	5.9	
24	28/02/2024	BDL	4.1	BDL	<1.0	3.9	0.025	4.4	7.9	6.2	
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/l
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³

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PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/23/21391/AAQ/01
Issue Date : 2024.03.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 3 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	: 2024.02.29	Sampling date on	: 2024.02.06 to 28
Analysis started on	: 2024.02.29	Analysis Completed on	: 2024.03.04
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	06/02/2024	46.4	36.7	37.7	31.2	545	537	540
2	07/02/2024	47.9	35.1	38.3	32.3	532	524	541
3	13/02/2024	48.3	37.3	32.2	31.2	537	521	524
4	14/02/2024	42.9	38.3	33.1	31.5	541	528	534
5	20/02/2024	46.8	39.3	34.2	30.4	544	530	521
6	21/02/2024	49.2	36.1	33.8	32.2	549	531	531
7	27/02/2024	44.4	37.3	30.7	33.8	552	528	528
8	28/02/2024	56.5	33.7	31.6	35.3	537	543	523
LOCATION: ETP AREA								
9	06/02/2024	52.2	32.2	32.3	29.8	526	523	541
10	07/02/2024	54.3	33.4	34.2	27.4	521	519	532
11	13/02/2024	53.5	30.6	32.1	29.4	531	543	541
12	14/02/2024	55.3	31.7	30.6	30.3	530	525	534
13	20/02/2024	56.7	33.3	31.4	30.6	531	532	530
14	21/02/2024	59.3	34.1	30.3	32.2	526	536	529
15	27/02/2024	51.2	35.1	31.2	34.3	530	531	538
16	28/02/2024	55.3	30.0	33.8	35.3	531	542	541
LOCATION: IPU UNIT								
17	06/02/2024	58.2	31.3	34.3	31.2	542	541	549
18	07/02/2024	57.4	32.9	32.8	29.8	541	538	540
19	13/02/2024	53.2	30.4	31.9	30.3	540	541	532
20	14/02/2024	55.2	31.8	33.2	30.9	532	524	529
21	20/02/2024	53.2	32.2	34.4	32.3	535	529	531
22	21/02/2024	54.3	33.6	38.7	33.4	541	537	530
23	27/02/2024	57.6	34.4	34.2	34.6	525	533	524
24	28/02/2024	60.2	36.1	31.2	36.1	529	540	535
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

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**ISSUED TO:**

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T.S. INDIA

Report Number : VLL/VLS/23/23580/AAQ/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 1 of 3Sample Particulars: **AMBIENT AIR QUALITY MONITORING**

Samples Registered on	: 2024.03.29	Sampling date on	: 2024.03.05 to 27
Analysis started on	: 2024.03.29	Analysis Completed on	: 2024.04.03
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	05/03/2024	40.3	61.2	23.3	27.9	541	531	529
2	06/03/2024	41.1	62.3	21.7	28.1	532	522	528
3	12/03/2024	37.7	62.3	22.3	30.3	533	531	521
4	13/03/2024	34.4	59.5	24.4	29.2	521	542	518
5	19/03/2024	36.7	64.4	25.8	30.1	524	534	542
6	20/03/2024	38.1	61.2	26.1	28.9	531	531	531
7	26/03/2024	36.3	63.3	27.5	26.5	539	527	522
8	27/03/2024	40.1	61.9	24.2	28.9	539	529	536
LOCATION: ETP AREA								
9	05/03/2024	42.1	62.2	24.3	26.7	533	517	514
10	06/03/2024	37.6	61.9	23.1	27.9	541	541	537
11	12/03/2024	39.9	65.6	24.7	27.7	533	532	523
12	13/03/2024	38.7	61.9	27.1	26.1	536	530	534
13	19/03/2024	36.4	63.8	28.1	28.3	523	538	545
14	20/03/2024	39.4	60.1	26.5	30.1	537	531	522
15	26/03/2024	40.2	62.4	26.1	32.2	522	5231	532
16	27/03/2024	43.2	66.4	27.2	30.2	531	537	531
LOCATION: IPU UNIT								
17	05/03/2024	43.3	63.4	27.9	28.8	524	531	533
18	06/03/2024	42.2	60.1	28.1	33.2	527	528	541
19	12/03/2024	41.2	62.4	23.4	29.2	531	529	534
20	13/03/2024	40.1	64.2	21.2	30.2	538	531	523
21	19/03/2024	39.8	61.2	26.5	31.2	528	533	532
22	20/03/2024	38.3	62.6	25.7	32.2	521	522	535
23	26/03/2024	41.1	59.8	29.2	29.8	528	531	545
24	27/03/2024	42.2	57.8	30.9	28.3	535	543	534
Limits As Per NAAQS		60	100	80	80	2000		
Test Methods		Gravimetric Method		Modified West & Geoke	Sodium Arsenite	Absorption 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 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

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Report Number : VLL/VLS/23/23580/AAQ/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 2 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on : 2024.03.29 Sampling date on : 2024.03.05 to 27
Analysis started on : 2024.03.29 Analysis Completed on : 2024.04.03
Test Required : Ammonia as NH₃, Benzene as C₆H₆, 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	05/03/2024	BDL	4.2	BDL	<1.0	4.2	0.033	4.7	5.1	5.3
2	06/03/2024	BDL	4.1	BDL	<1.0	4.1	0.041	5.1	5.2	6.1
3	12/03/2024	BDL	4.3	BDL	<1.0	4.5	0.039	5.3	6.1	6.0
4	13/03/2024	BDL	4.1	BDL	<1.0	4.3	0.031	5.6	5.6	5.3
5	19/03/2024	BDL	4.5	BDL	<1.0	4.8	0.038	4.6	6.0	6.4
6	20/03/2024	BDL	4.2	BDL	<1.0	4.3	0.033	4.2	6.1	6.2
7	26/03/2024	BDL	4.1	BDL	<1.0	4.2	0.034	4.3	6.2	5.7
8	27/03/2024	BDL	4.2	BDL	<1.0	4.5	0.039	5.3	6.3	6.1
LOCATION: ETP AREA										
9	05/03/2024	BDL	4.4	BDL	<1.0	4.1	0.041	4.9	6.2	5.7
10	06/03/2024	BDL	4.4	BDL	<1.0	4.2	0.045	4.7	5.4	5.5
11	12/03/2024	BDL	4.3	BDL	<1.0	4.1	0.043	4.9	6.0	5.7
12	13/03/2024	BDL	4.1	BDL	<1.0	4.0	0.041	4.6	5.6	5.3
13	19/03/2024	BDL	4.3	BDL	<1.0	4.2	0.039	4.5	6.2	4.9
14	20/03/2024	BDL	4.3	BDL	<1.0	4.6	0.037	5.4	6.1	4.6
15	26/03/2024	BDL	4.2	BDL	<1.0	4.1	0.039	5.2	6.6	4.5
16	27/03/2024	BDL	4.1	BDL	<1.0	4.8	0.037	4.7	5.4	5.4
LOCATION: IPU UNIT										
17	05/03/2024	BDL	4.3	BDL	<1.0	4.2	0.039	5.2	5.5	5.2
18	06/03/2024	BDL	4.5	BDL	<1.0	4.3	0.035	4.6	6.1	5.4
19	12/03/2024	BDL	4.19	BDL	<1.0	4.1	0.033	4.2	6.4	6.1
20	13/03/2024	BDL	4.3	BDL	<1.0	4.2	0.029	4.1	6.3	5.6
21	19/03/2024	BDL	4.5	BDL	<1.0	4.3	0.028	4.2	6.0	4.3
22	20/03/2024	BDL	4.9	BDL	<1.0	4.1	0.031	4.1	6.3	5.1
23	26/03/2024	BDL	4.3	BDL	<1.0	4.0	0.029	4.8	7.0	5.2
24	27/03/2024	BDL	4.5	BDL	<1.0	4.7	0.024	4.9	7.3	5.6
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/
- Below Detectable Limit for Benzene 0.001 µg/m³
- Below Detectable Limit for BaP 1.0 ng/m³

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Report Number : VLL/VLS/23/23580/AAQ/01

Issue Date : 2024.04.03

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 3 of 3

Sample Particulars: AMBIENT AIR QUALITY MONITORING

Samples Registered on	:	2024.03.29	Sampling date on	:	2024.03.05 to 27
Analysis started on	:	2024.03.29	Analysis Completed on	:	2024.04.03
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	05/03/2024	40.2	34.2	39.2	33.6	523	542	533
2	06/03/2024	42.2	33.1	40.1	34.2	526	534	531
3	12/03/2024	41.6	32.9	38.9	31.9	529	528	529
4	13/03/2024	40.3	34.1	41.1	32.7	534	531	525
5	19/03/2024	42.3	35.1	38.9	33.1	527	537	523
6	20/03/2024	46.9	32.8	37.6	32.8	531	541	528
7	26/03/2024	42.2	35.6	32.4	35.1	538	535	531
8	27/03/2024	50.1	34.1	33.9	36.2	527	537	538
LOCATION: ETP AREA								
9	05/03/2024	50.1	30.1	35.3	32.2	534	531	546
10	06/03/2024	52.2	31.3	36.3	29.9	538	524	542
11	12/03/2024	51.4	33.3	35.8	33.5	535	536	534
12	13/03/2024	52.3	32.7	32.3	32.3	527	529	545
13	19/03/2024	54.3	35.2	33.8	34.3	533	538	541
14	20/03/2024	54.1	36.6	32.3	33.8	529	531	547
15	26/03/2024	52.3	37.3	33.3	36.3	533	526	544
16	27/03/2024	51.2	32.4	34.6	37.1	536	534	541
LOCATION: IPU UNIT								
17	05/03/2024	51.2	35.4	31.2	33.2	535	533	542
18	06/03/2024	53.3	35.3	33.4	34.3	521	531	531
19	12/03/2024	51.9	32.3	35.3	33.2	524	526	524
20	13/03/2024	54.1	31.3	36.3	33.9	531	521	535
21	19/03/2024	52.8	33.2	32.1	34.7	52	523	536
22	20/03/2024	51.8	34.8	32.2	35.8	534	531	545
23	26/03/2024	53.6	36.4	31.4	36.8	529	525	539
24	27/03/2024	56.7	38.1	32.3	34.9	522	535	546
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

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PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/23/13166/DG/01
Issue Date : 2023.11.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

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

Samples Registered : 2023.10.30 Sampling date on : 2023.10.27
Analysis started on : 2023.11.01 Analysis Completed on : 2023.11.03
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	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	135	133	121	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	7.84	6.86	6.99	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	656.97	577.86	606.88	-
6	Oxygen	%	Flue Gas Analyzer	7.3	7.1	7.5	-
7	Carbon Dioxide	%	Flue Gas Analyzer	8.1	8.6	8.9	-
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	24.69	26.87	25.99	-
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.015	0.016	0.016	-
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	23.69	25.77	28.44	-
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.014	0.016	0.018	-
12	Noise	dB(A)	-	45.6	49.6	52.5	-

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

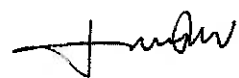
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024

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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Report Number : VLL/VLS/23/13166/DG/01
Issue Date : 2023.11.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2023.10.30 Sampling date on : 2023.10.27
Analysis started on : 2023.11.01 Analysis Completed on : 2023.11.03
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	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	135	133	121	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	7.84	6.86	6.99	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	656.97	577.86	606.88	-
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	20.12	18.69	20.52	-
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.012	0.011	0.013	0.3
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	24.32	27.65	28.65	-
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	26.96	25.32	26.47	-
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.016	0.015	0.016	9.2

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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**ISSUED TO:**

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

Report Number : VLL/VLS/23/14102/DG/01
Issue Date : 2023.12.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

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

Samples Registered : 2023.11.11 Sampling date on : 2023.11.09
Analysis started on : 2023.11.11 Analysis Completed on : 2023.11.26
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	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	127	124	116	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	8.50	7.43	7.72	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	727.03	640.25	678.87	-
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	22.89	21.46	17.85	-
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.013	0.013	0.011	0.3
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	23.2	25.10	26.24	-
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	21.44	23.32	20.32	-
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.012	0.014	0.013	9.2

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

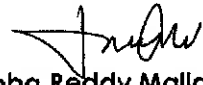
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

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

Date of Calibration : 16.09.2023, Calibration Due: 15.09.2024


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**ISSUED TO:**

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Report Number : VLL/VLS/23/14102/DG/01
Issue Date : 2023.12.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2023.11.11 Sampling date on : 2023.11.09
Analysis started on : 2023.11.11 Analysis Completed on : 2023.11.26
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	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	127	124	116	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	8.50	7.43	7.72	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	727.03	640.25	678.87	-
6	Oxygen	%	Flue Gas Analyzer	7.9	8.3	8.0	-
7	Carbon Dioxide	%	Flue Gas Analyzer	8.4	8.1	8.1	-
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	21.44	23.39	21.86	-
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.013	0.014	0.014	-
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	20.79	22.34	28.12	-
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.012	0.014	0.016	-
12	Noise	dB(A)	-	42.3	46.6	48.9	-

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 10B sr.no.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/16585/DG/01
Issue Date : 2024.01.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

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

Samples Registered : 2023.12.29 Sampling date on : 2023.12.20
Analysis started on : 2023.12.29 Analysis Completed on : 2024.01.04
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	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	131	120	121	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	8.81	7.71	8.22	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	745.84	671.04	714.05	-
6	Oxygen	%	Flue Gas Analyzer	8.1	8.0	7.9	-
7	Carbon Dioxide	%	Flue Gas Analyzer	8.0	7.6	7.3	-
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	23.77	25.64	24.32	-
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.014	0.016	0.015	-
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	22.78	23.99	24.12	-
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.013	0.015	0.015	-
12	Noise	dB(A)	-	40.6	45.3	47.1	-

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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T.S. INDIA

Report Number : VLL/VLS/23/16585/DG/01
Issue Date : 2024.01.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

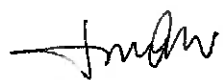
Page No: 2 of 2**Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS**

Samples Registered : 2023.12.29 Sampling date on : 2023.12.20
Analysis started on : 2023.12.29 Analysis Completed on : 2024.01.04
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 P-506	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	131	120	121	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	8.81	7.71	8.22	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	745.84	671.04	714.05	-
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	20.86	19.05	21.32	-
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.012	0.012	0.013	0.3
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	21.4	23.4	24.3	-
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	23.11	21.06	22.46	-
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.012	0.014	0.013	9.2

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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Report Number : VLL/VLS/23/18968/DG/01
Issue Date : 2024.02.05
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.01.30 Sampling date on : 2024.01.23
Analysis started on : 2024.01.30 Analysis Completed on : 2024.02.05
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	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985	131	124	117	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	8.1	7.4	7.7	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	685	641	678	-
6	Oxygen	%	Flue Gas Analyzer	8.1	8.6	8.7	-
7	Carbon Dioxide	%	Flue Gas Analyzer	8.9	8.5	8.8	-
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	23.58	25.22	24.41	-
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.014	0.015	0.015	-
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	23.98	24.90	27.78	-
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.014	0.015	0.017	-
12	Noise	dB(A)	-	44.7	48.9	46.2	-

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 - Poltech, Model -SMK 10B sr.no.-2618

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/18968/DG/01
Issue Date : 2024.02.05
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 2of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.01.30 Sampling date on : 2024.01.23
Analysis started on : 2024.01.30 Analysis Completed on : 2024.02.05
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 P-506	DG P-507	DG P-508	Limits
1	Duct diameter	m	-	0.2032	0.2032	0.2032	-
2	Area of the Duct.	m ²	-	0.0324	0.0324	0.0324	-
3	Flue gas Temp.	°C	IS: 11255(P-1) 1985;ASTM D-3685	131	124	117	-
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	8.1	7.4	7.7	-
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	685	641	678	-
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	24.46	24.98	20.65	-
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.014	0.015	0.013	0.3
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	25.4	23.11	22.65	-
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	23.46	21.86	21.22	-
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.014	0.013	0.013	9.2

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

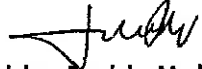
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024

All the values are corrected to 15% O₂

Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

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

Date of Calibration : 16.09.2023, Calibration Due: 15.09.2024


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Report Number : VLL/VLS/23/21391/DG/01

Issue Date : 2024.03.04

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.02.29

Sampling date on : 2024.02.23

Analysis started on : 2024.02.29

Analysis Completed on : 2024.03.04

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	110	112	115	117	119	121
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	7.25	7.29	6.54	6.59	6.10	6.58
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	647.25	649.1	577.18	579.76	632.59	635.87
6	Oxygen	%	Flue Gas Analyzer	6.1	6.3	6.9	7.1	6.2	6.8
7	Carbon Dioxide	%	Flue Gas Analyzer	7.2	7.5	7.8	7.8	7.0	7.5
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	24.58	24.87	25.79	25.88	24.89	25.32
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.014	0.014	0.016	0.016	0.015	0.015
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	23.12	23.45	25.56	25.98	28.46	28.94
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.014	0.014	0.016	0.016	0.018	0.018
12	Noise	dB(A)	-	44.1	44.5	45.3	43.8	47.6	47.9

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% O₂Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

Stack Kit Make - Polltech, Model -SMK 10B sr.no.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/21391/DG/01

Issue Date : 2024.03.04

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.02.29 Sampling date on : 2024.02.23

Analysis started on : 2024.02.29 Analysis Completed on : 2024.03.04

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 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	110	112	115	117	119	121
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	7.25	7.29	6.54	6.59	6.10	6.56
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	647.25	649.1	577.18	579.76	632.59	635.87
6	Particulate matter	mg/Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	25.52	25.67	24.39	24.78	21.19	21.67
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.015	0.015	0.015	0.015	0.013	0.013
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	23.9	23.8	25.76	25.87	27.98	25.43
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	23.84	23.98	25.94	25.98	23.46	23.87
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.014	0.014	0.018	0.016	0.015	0.015

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% O₂Minimum Detectable Limit of for SO₂ - 3.4 mg/Nm³

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

Date of Calibration : 16.09.2023, Calibration Due: 15.09.2024

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M/s. ASIAN PAINTS LIMITED
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PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA

Report Number : VLL/VLS/23/23580/DG/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.03.29 Sampling date on : 2024.03.19
Analysis started on : 2024.03.29 Analysis Completed on : 2024.04.03
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	115	113	122	119	125	123
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;	8.12	7.89	8.14	7.98	7.99	8.98
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;	715.48	678.65	704.88	687.98	667.02	676.81
6	Oxygen	%	Flue Gas Analyzer	6.9	6.7	7.3	7.3	7.4	7.9
7	Carbon Dioxide	%	Flue Gas Analyzer	7.8	7.9	8.3	7.9	7.5	7.3
8	Carbon Monoxide	mg/ Nm ³	Flue Gas Analyzer	21.23	18.91	24.34	21.87	23.89	20.13
9	Carbon Monoxide	g/kw-hr	Flue Gas Analyzer	0.013	0.011	0.015	0.012	0.015	0.012
10	Hydrocarbon	mg/ Nm ³	Flue Gas Analyzer	20.23	19.23	27.98	24.84	26.98	24.44
11	Hydrocarbon	g/kw-hr	Flue Gas Analyzer	0.012	0.011	0.017	0.014	0.017	0.015
12	Noise	dB(A)	-	41.4	38.7	47.98	45.2	48.12	46.13

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

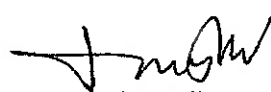
Date of Calibration: 18.09.2023, Calibration Due: 17.09.2024

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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Report Number : VLL/VLS/23/23580/DG/01

Issue Date : 2024.04.03

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR DG SETS

Samples Registered : 2024.03.29 Sampling date on : 2024.03.19

Analysis started on : 2024.03.29 Analysis Completed on : 2024.04.03

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	115	113	122	119	125	123
4	Velocity of the Flue gas	m/Sec	IS: 11255(P-1) 1985;ASTM D-3685	8.12	7.89	8.14	7.98	7.99	6.98
5	Gas Flow rate	Nm ³ /hr	IS: 11255(P-1) 1985;ASTM D-3685	715.49	678.65	704.88	687.98	687.02	676.81
6	Particulate matter	mg Nm ³	IS: 11255(P-1) 1985;ASTM D-3685	26.87	27.22	26.32	26.98	23.44	24.21
7	Particulate matter	g/kw-hr	IS: 11255(P-1) 1985;ASTM D-3685	0.016	0.017	0.016	0.016	0.015	0.016
8	Sulphur dioxide	mg/Nm ³	IS: 11255 (P-II) 1985	24.5	25.2	27.3	26.4	25.3	24.5
9	Oxides of nitrogen	mg/Nm ³	ASTMD-1608 /EPA - 7	22.1	21.4	23.2	24.5	25.2	24.5
10	Oxides of nitrogen	g/kw-hr	ASTMD-1608 /EPA - 7	0.013	0.012	0.014	0.015	0.016	0.015

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% O₂Minimum 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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Report Number : VLL/VLS/23/13166/TP/01

Issue Date : 2023.11.03

P.O. Number : 15360264

P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered	: 2023.10.30	Sampling date on	: 2023.10.28
Analysis started on	: 2023.11.01	Analysis Completed on	: 2023.11.03
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-5	MEE STACK
1	Stack Connected		-	Revomax 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	0.21	0.5
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.0346	0.1962
6	Flue gas Temp.	° C	IS: 11255(P-1) 1985	145	125	131	127	128
7	Velocity of the Flue gas	m/Sec		7.54	8.09	6.99	7.15	6.31
8	Gas Flow rate	Nm ³ /hr		3723	4197	3575	3694	3248
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4
11	Oxides of Nitrogen	mg/Nm ³		28.6	31.6	32.4	32.3	33.5

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.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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T.S. INDIA

Report Number : VLL/VLS/23/13166/TP/01
Issue Date : 2023.11.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2023.10.30 Sampling date on : 2023.10.28
Analysis started on : 2023.11.01 Analysis Completed on : 2023.11.03
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	0.21	0.5
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.0346	0.1962
6	Flue gas Temp.	°C	IS: 11255(P-1) 1985	145	125	131	127	128
7	Velocity of the Flue gas	m/Sec		7.54	8.09	6.99	7.15	6.31
8	Gas Flow rate	Nm ³ /hr		3723	4197	3575	3694	3248
9	Oxygen	%	Flue Gas Analyzer	9.0	8.2	8.5	8.0	7.8
10	Carbon Dioxide	%	Flue Gas Analyzer	7.8	7.9	7.9	7.2	7.6
11	Carbon Monoxide	ppm	Flue Gas Analyzer	16.4	24.2	24.6	25.1	26.1

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 - Polltech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/14102/TP/01
Issue Date : 2023.12.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

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

Samples Registered : 2023.11.11 Sampling date on : 2023.11.10
Analysis started on : 2023.11.11 Analysis Completed on : 2023.11.26
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-5	MEE STACK
1	Stack Connected		-	Revomax 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	0.5
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	121	120	120	117
7	Velocity of the Flue gas	m/Sec		8.34	8.40	7.75	7.14	6.24
8	Gas Flow rate	Nm ³ /hr		4192	4401	4074	3751	3306
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4
11	Oxides of Nitrogen	mg/Nm ³		23.6	28.6	30.5	29.6	31.5

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.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/14102/TP/01
Issue Date : 2023.12.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2023.11.11 Sampling date on : 2023.11.10
Analysis started on : 2023.11.11 Analysis Completed on : 2023.11.26
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	0.5
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	121	120	120	117
7	Velocity of the Flue gas	m/Sec		8.34	8.40	7.75	7.14	6.24
8	Gas Flow rate	Nm ³ /hr		4182	4401	4074	3751	3306
9	Oxygen	%	Flue Gas Analyzer	7.9	7.9	8.1	7.7	7.2
10	Carbon Dioxide	%	Flue Gas Analyzer	7.2	8.1	7.9	7.0	7.0
11	Carbon Monoxide	ppm	Flue Gas Analyzer	15.5	18.9	21.5	23.3	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.-2616
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/16585/TP/01
Issue Date : 2024.01.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

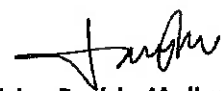
Page No: 1 of 2**Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS**

Samples Registered : 2023.12.29 Sampling date on : 2023.12.21
Analysis started on : 2023.12.29 Analysis Completed on : 2024.01.04
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-5
1	Stack Connected		-	Revomax Boiler 1 & 2	Revomax -3 & 4	Thermopac -4	TP-P405
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG
4	Duct diameter	m	-	0.5	0.5	0.5	0.5
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	° C	IS: 11255(P-1) 1985	131	116	126	114
7	Velocity of the Flue gas	m/Sec		7.65	7.15	7.37	8.31
8	Gas Flow rate	Nm ³ /hr		3913.4	3795	3812	4432
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4
11	Oxides of Nitrogen	mg/Nm ³		21.5	22.9	24.4	26.1

Instrument Used for SO₂, NO_x - Flue Gas Analyzer (Make -MRU, Model -Optima 7)
Date of Calibration : 16.09.2023, Calibration Due: 17.09.2024
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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Report Number : VLL/VLS/23/16585/TP/01
Issue Date : 2024.01.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2023.12.29 Sampling date on : 2023.12.21
Analysis started on : 2023.12.29 Analysis Completed on : 2024.01.04
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
1	Stack Connected		-	Revo max Boiler 1 & 2	Revomax -3 & 4	Thermopac -4	TP-P405
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG
4	Duct diameter	m	-	0.5	0.5	0.5	0.5
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp	°C	IS: 11255(P-1) 1985	131	116	126	114
7	Velocity of the Flue gas	m/Sec		7.65	7.15	7.37	8.31
8	Gas Flow rate	Nm ³ /hr		3913.4	3795	3812	4432
9	Oxygen	%	Flue Gas Analyzer	8.2	7.3	8.0	7.4
10	Carbon Dioxide	%	Flue Gas Analyzer	7.8	7.2	7.4	7.2
11	Carbon Monoxide	ppm	Flue Gas Analyzer	13.6	16.1	17.6	21.6

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.-2616
Date of Calibration: 16.09.2023, Calibration Due: 16.09.2024

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Report Number : VLL/VLS/23/18968/TP/01

Issue Date : 2024.02.05

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P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.01.30 Sampling date on : 2024.01.29

Analysis started on : 2024.01.30 Analysis Completed on : 2024.02.05

Test Required : Particulate Matter; Sulphur Dioxide and Oxides of Nitrogen

Samples Collected by Vimta Labs Limited.

LAB REF.: EC;

TEST REPORT

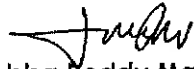
Sl. No.	PARAMETERS	UOM	METHOD OF TESTING	STACK-1	STACK-3	STACK-2	STACK-5
1	Stack Connected		-	Revomax Boiler 1 & 2	Revomax -3 & 4	Thermopac -4	TP-P405
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG
4	Duct diameter	m	-	0.5	0.5	0.5	0.5
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	° C	IS: 11255(P-1) 1985	131	122	124	123
7	Velocity of the Flue gas	m/Sec		9.01	9.37	8.96	7.31
8	Gas Flow rate	Nm ³ /hr		4646	4897	4659	3810
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4
11	Oxides of Nitrogen	mg/Nm ³		21.2	26.7	28.7	28.4

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 - Polltech, Model -SMK 10B sr.no.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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Report Number : VLL/VLS/23/18968/TP/01

Issue Date : 2024.02.05

P.O. Number : 15360264

P.O. Date : 2023.04.08

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.01.30 Sampling date on : 2024.01.29

Analysis started on : 2024.01.30 Analysis Completed on : 2024.02.05

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
1	Stack Connected		-	Revo max Boiler 1& 2	Revomax -3 & 4	Thermopac -4	TP-P405
2	Location		-	Resin House	Water Base Unit	Resin House	Resin House
3	Fuel		-	Oil/ LPG	Oil	Oil/ Gas	Oil/LPG
4	Duct diameter	m	-	0.5	0.5	0.5	0.5
5	Area of the Duct.	m ²	-	0.1962	0.1962	0.1962	0.1962
6	Flue gas Temp.	°C	IS: 11255(P-1) 1985	131	122	124	123
7	Velocity of the Flue gas	m/Sec		9.01	9.37	8.96	7.31
8	Gas Flow rate	Nm ³ /hr		4646	4897	4659	3810
9	Oxygen	%	Flue Gas Analyzer	8.1	8.0	8.1	7.9
10	Carbon Dioxide	%	Flue Gas Analyzer	7.5	7.8	7.9	7.5
11	Carbon Monoxide	ppm	Flue Gas Analyzer	14.3	13.6	21.5	25.2

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 - Polltech, Model -SMK 10B sr.no.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/21391/TP/01
Issue Date : 2024.03.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

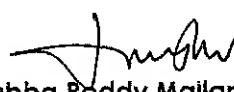
Page No: 1 of 2**Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS**

Samples Registered : 2024.02. 29 Sampling date on : 2024.02.24
Analysis started on : 2024.02.29 Analysis Completed on : 2024.03.04
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-5	MEE STACK
1	Stack Connected		-	Revomax 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	130	124	126	113	101
7	Velocity of the Flue gas	m/Sec		7.17	7.29	6.68	6.96	6.95
8	Gas Flow rate	Nm ³ /hr		3674	3790	3456	3720	3842
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4
11	Oxides of Nitrogen	mg/Nm ³		24.6	27.12	26.3	27.2	30.1

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 - Polltech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024


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Report Number : VLL/VLS/23/21391/TP/01
Issue Date : 2024.03.04
P.O. Number : 15360264
P.O. Date : 2023.04.08

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: **SOURCE EMISSION MONITORING FOR THERMOPACKS**

Samples Registered : 2024.02. 29 Sampling date on : 2024.02.24
Analysis started on : 2024.02.29 Analysis Completed on : 2024.03.04
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	130	124	126	113	101
7	Velocity of the Flue gas	m/Sec		7.17	7.29	6.68	6.96	6.85
8	Gas Flow rate	Nm ³ /hr		3674	3790	3456	3720	3842
9	Oxygen	%	Flue Gas Analyzer	7.5	7.4	8.3	7.9	7.4
10	Carbon Dioxide	%	Flue Gas Analyzer	7.1	8.0	7.6	7.2	7.1
11	Carbon Monoxide	ppm	Flue Gas Analyzer	23.1	22.6	25.8	24.8	25.3

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.-2616

Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/23580/TP/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

Page No: 1 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.03. 29 Sampling date on : 2024.03.20
Analysis started on : 2024.03.29 Analysis Completed on : 2024.04.03
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-5	MEE STACK
1	Stack Connected		-	Revomax 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	137	139	145	132	116
7	Velocity of the Flue gas	m/Sec		8.62	8.82	8.10	9.04	8.16
8	Gas Flow rate	Nm ³ /hr		4339	4418	4002	4609	4607
9	Particulate Matter	mg/Nm ³		<5.0	<5.0	<5.0	<5.0	<5.0
10	Sulphur Dioxide	mg/Nm ³		<3.4	<3.4	<3.4	<3.4	<3.4
11	Oxides of Nitrogen	mg/Nm ³		23.1	26.2	25.3	24.9	27.6

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 - Polltech, Model -SMK 10B sr.no.-2616
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

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Report Number : VLL/VLS/23/21391/TP/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 2023.04.08

KIND.ATTN: EHS MANAGER

Page No: 2 of 2

Sample Particulars: SOURCE EMISSION MONITORING FOR THERMOPACKS

Samples Registered : 2024.03. 29 Sampling date on : 2024.03.20
Analysis started on : 2024.03.29 Analysis Completed on : 2024.04.03
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	137	139	145	132	116
7	Velocity of the Flue gas	m/Sec		8.62	8.82	8.10	9.04	8.16
8	Gas Flow rate	Nm ³ /hr		4339	4418	4002	4609	4607
9	Oxygen	%	Flue Gas Analyzer	7.9	8.1	7.9	8.2	8.3
10	Carbon Dioxide	%	Flue Gas Analyzer	7.6	8.9	8.8	7.9	7.3
11	Carbon Monoxide	ppm	Flue Gas Analyzer	25.7	26.1	24.6	26.3	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.-2616
Date of Calibration: 16.09.2023, Calibration Due: 15.09.2024

Dr. Subba Reddy Mallampati
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Annexure – III

Test report of Treated Effluent

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Report Number : VLL/VLS/23/12621/EW/001
Issue Date : 2023.10.31
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2023.10.20	Sampling date on	: 2023.10.19
Analysis started on	: 2023.10.20	Analysis Completed on	: 2023.10.30
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 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	26.1	25.9	-
2	Particle size of total Suspended Solid	Microns	257	76	-
3	Chloride as Cl	mg/L	812.5	415.3	-
4	Sulphide as S	mg/L	8.64	0.41	2.0
5	Sulphate as SO ₄	mg/L	612.5	218.7	-
6	Fluoride as F	mg/L	2.96	0.95	2.0
7	Ammonical Nitrogen as N	mg/L	52.3	<1.0	50.0
8	Sodium as Na	mg/L	963.2	291.8	-
9	Boron as B	mg/L	0.87	0.12	-
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	3.9	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	6.24	0.73	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	174.5	<1.0	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	5.89	2.96	-
21	Total Heavy Metals	mg/L	34.95	1.63	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3484	30	50.0
23	Chemical Oxygen Demand	mg/L	13400	230	250.0
24	Oil & Grease	mg/L	62	<1.0	10.0
25	pH at 25°C	---	6.68	7.29	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1410	76	100.0
27	Total Dissolved Solids at 180°C	mg/L	3568	1920	2000.0
28	Silica as SiO ₂	mg/L	---	15.2	---

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Report Number : VLL/VLS/23/12421/EW/001
Issue Date : 2023.10.31
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2023.10.20	Sampling date on	: 2023.10.19
Analysis started on	: 2023.10.20	Analysis Completed on	: 2023.10.30
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 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	1.47	0.08	2.0
30	Copper as Cu	mg/L	21.8	0.63	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.52	<0.05	0.1
32	Lead as Pb	mg/L	0.75	0.09	0.1
33	Nickel as Ni	mg/L	0.42	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	6.9	<0.01	1.0
35	Zinc as Zn	mg/L	9.45	0.71	5.0
36	Potassium as K	mg/L	96.7	36.5	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/09/2023, Calibration Due date: 13/12/2023; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

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Report Number : VLL/VLS/23/14102/EW/001
Issue Date : 2023.11.25
P.O. Number : 0015360264
P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2023.11.11	Sampling date on	: 2023.11.10
Analysis started on	: 2023.11.11	Analysis Completed on	: 2023.11.24
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	25.6	25.4	-
2	Particle size of total Suspended Solid	Microns	284	92	-
3	Chloride as Cl	mg/L	787.5	398.5	-
4	Sulphide as S	mg/L	7.46	0.34	2.0
5	Sulphate as SO ₄	mg/L	598.5	245.3	-
6	Fluoride as F	mg/L	3.14	0.87	2.0
7	Ammonical Nitrogen as N	mg/L	63.8	<1.0	50.0
8	Sodium as Na	mg/L	864.2	271.5	-
9	Boron as B	mg/L	0.96	0.14	-
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	0.19	<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	4.3	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	5.96	0.64	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	182.3	<1.0	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	6.15	3.12	-
21	Total Heavy Metals	mg/L	31.86	1.56	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3612	35.0	50.0
23	Chemical Oxygen Demand	mg/L	14120	240	250.0
24	Oil & Grease	mg/L	70	<1.0	10.0
25	pH at 25°C	---	5.85	7.90	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1580	84	100.0
27	Total Dissolved Solids at 180°C	mg/L	3612	1965	2000.0
28	Silica as SiO ₂	mg/L	---	17.5	---

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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/2314102/EW/001
Issue Date : 2023.11.25
P.O. Number : 0015360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2023.11.11	Sampling date on	: 2023.11.10
Analysis started on	: 2023.11.11	Analysis Completed on	: 2023.11.24
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	1.36	0.07	2.0
30	Copper as Cu	mg/L	19.5	0.56	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.67	<0.05	0.1
32	Lead as Pb	mg/L	0.82	0.08	0.1
33	Nickel as Ni	mg/L	0.38	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5.4	<0.01	1.0
35	Zinc as Zn	mg/L	8.63	0.71	5.0
36	Potassium as K	mg/L	112.7	39.8	-

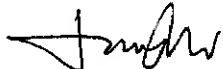
Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/09/2023, Calibration Due date: 13/12/2023; (ID No.: VLS-NT/UV-VIS/01)

END OF THE TEST REPORT -


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Report Number : VLL/VLS/23/15669/EW/001
Issue Date : 2023.12.18
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2023.12.06	Sampling date on	: 2023.12.05
Analysis started on	: 2023.12.06	Analysis Completed on	: 2023.12.15
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	26.5	25.7	-
2	Particle size of total Suspended Solid	Microns	259	84	-
3	Chloride as Cl	mg/L	813.5	416.6	-
4	Sulphide as S	mg/L	9.23	0.78	2.0
5	Sulphate as SO ₄	mg/L	613.5	219.4	-
6	Fluoride as F	mg/L	2.86	0.91	2.0
7	Ammonical Nitrogen as N	mg/L	52.1	<1.0	50.0
8	Sodium as Na	mg/L	964.4	292.3	-
9	Boron as B	mg/L	0.84	0.16	-
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	0.19	<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	4.5	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	6.36	0.77	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	175.6	<1.0	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	5.93	2.89	-
21	Total Heavy Metals	mg/L	40.03	1.71	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3689	43	50.0
23	Chemical Oxygen Demand	mg/L	13180	240	250.0
24	Oil & Grease	mg/L	72	<1.0	10.0
25	pH at 25°C	---	5.67	6.83	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1420	82	100.0
27	Total Dissolved Solids at 180°C	mg/L	3546	1912	2000.0
28	Silica as SiO ₂	mg/L	---	15.6	---


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PATANCHERU,
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Report Number : VLL/VLS/23/15669/EW/001
Issue Date : 2023.12.18
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	:	2023.12.06	Sampling date on	:	2023.12.05
Analysis started on	:	2023.12.06	Analysis Completed on	:	2023.12.15
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	2.53	0.06	2.0
30	Copper as Cu	mg/L	24.6	0.67	3.0
31	Hexavalent Chromium as Cr ⁺⁺	mg/L	0.75	<0.05	0.1
32	Lead as Pb	mg/L	0.98	0.07	0.1
33	Nickel as Ni	mg/L	0.63	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5.41	<0.01	1.0
35	Zinc as Zn	mg/L	10.24	0.75	5.0
36	Potassium as K	mg/L	115.8	37.2	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/12/2023, Calibration Due date: 10/03/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -


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Report Number : VLL/VLS/23/18968/EW/001
Issue Date : 2024.01.30
P.O. Number : 15360264
P.O. Date : 08-04-2023

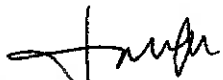
Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.01.22	Sampling date on	: 2024.01.20
Analysis started on	: 2024.01.22	Analysis Completed on	: 2024.01.29
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	26.7	25.9	-
2	Particle size of total Suspended Solid	Microns	252	88	-
3	Chloride as Cl	mg/L	815.2	417.5	-
4	Sulphide as S	mg/L	9.36	0.82	2.0
5	Sulphate as SO ₄	mg/L	615.3	221.4	-
6	Fluoride as F	mg/L	1.54	0.76	2.0
7	Ammonical Nitrogen as N	mg/L	52.5	<1.0	50.0
8	Sodium as Na	mg/L	958.7	288.5	-
9	Boron as B	mg/L	0.86	0.18	-
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	4.8	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	6.45	0.79	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	176.4	<1.0	100
19	Cyanide as (CN)	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	5.86	2.91	-
21	Total Heavy Metals	mg/L	40.33	1.02	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3692	45	50.0
23	Chemical Oxygen Demand	mg/L	13197	250	250.0
24	Oil & Grease	mg/L	75	<1.0	10.0
25	pH at 25°C	---	5.78	6.92	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1435	88	100.0
27	Total Dissolved Solids at 180°C	mg/L	3562	1924	2000.0
28	Silica as SiO ₂	mg/L	---	16.2	---


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PATANCHERU,
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T.S. INDIA

Report Number : VLL/VLS/23/18968/EW/001
Issue Date : 2024.01.30
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.01.22	Sampling date on	: 2024.01.20
Analysis started on	: 2024.01.22	Analysis Completed on	: 2024.01.29
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	2.45	0.08	2.0
30	Copper as Cu	mg/L	24.9	0.64	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.71	<0.05	0.1
32	Lead as Pb	mg/L	0.94	0.09	0.1
33	Nickel as Ni	mg/L	0.68	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5.46	<0.01	1.0
35	Zinc as Zn	mg/L	10.32	0.82	5.0
36	Potassium as K	mg/L	116.4	38.4	-

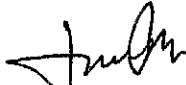
Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 28/12/2023, Calibration Due date: 24/06/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/12/2023, Calibration Due date: 10/03/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -


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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/23/21391/EW/001
Issue Date : 2024.02.28
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.02.22	Sampling date on	: 2024.02.21
Analysis started on	: 2024.02.22	Analysis Completed on	: 2024.02.27
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	26.9	25.6	-
2	Particle size of total Suspended Solid	Microns	265	93	-
3	Chloride as Cl	mg/L	817.4	419.8	-
4	Sulphide as S	mg/L	8.52	0.86	2.0
5	Sulphate as SO ₄	mg/L	613.8	224.7	-
6	Fluoride as F	mg/L	1.89	0.91	2.0
7	Ammonical Nitrogen as N	mg/L	52.8	<1.0	50.0
8	Sodium as Na	mg/L	956.2	285.3	-
9	Boron as B	mg/L	0.82	0.23	-
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	4.5	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	6.85	0.72	5.0
18	Total Kjeldahl Nitrogen as (N)	mg/L	175.9	<1.0	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	40.38	1.65	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3676	41	50.0
23	Chemical Oxygen Demand	mg/L	13183	230	250.0
24	Oil & Grease	mg/L	71	<1.0	10.0
25	pH at 25°C	---	5.15	7.55	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1422	83	100.0
27	Total Dissolved Solids at 180°C	mg/L	3549	1916	2000.0
28	Silica as SiO ₂	mg/L	---	15.9	---


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Report Number : VLL/VLS/23/21391/EW/001

Issue Date : 2024.02.28

P.O. Number : 15360264

P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.02.22	Sampling date on	: 2024.02.21
Analysis started on	: 2024.02.22	Analysis Completed on	: 2024.02.27
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	2.36	0.06	2.0
30	Copper as Cu	mg/L	24.2	0.68	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.75	<0.05	0.1
32	Lead as Pb	mg/L	0.86	0.07	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	5.58	<0.01	1.0
35	Zinc as Zn	mg/L	10.45	0.86	5.0
36	Potassium as K	mg/L	114.5	37.7	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 25/12/2023, Calibration Due date: 25/06/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/12/2023, Calibration Due date: 10/03/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

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Report Number : VLL/VLS/23/23580/EW/001
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 08-04-2023

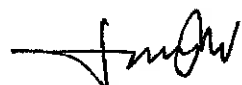
Page No: 1 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.03.21	Sampling date on	: 2024.03.20
Analysis started on	: 2024.03.22	Analysis Completed on	: 2024.04.02
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	26.5	26.3	-
2	Particle size of total Suspended Solid	Microns	278	94	-
3	Chloride as Cl	mg/L	798.6	386.5	-
4	Sulphide as S	mg/L	8.42	0.75	2.0
5	Sulphate as SO ₄	mg/L	586.3	236.3	-
6	Fluoride as F	mg/L	1.48	0.84	2.0
7	Ammonical Nitrogen as N	mg/L	48.6	<1.0	50.0
8	Sodium as Na	mg/L	896.3	275.7	-
9	Boron as B	mg/L	1.15	0.26	-
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	0.19	<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	3.6	<0.1	5.0
17	Dissolved Phosphate as P	mg/L	5.87	0.81	5.0
18	Total Kjeldahl Nitrogen as [N]	mg/L	182.5	<1.0	100
19	Cyanide as [CN]	mg/L	<0.02	<0.02	0.2
20	Residual Sodium Carbonate	-	6.12	3.56	-
21	Total Heavy Metals	mg/L	45.29	2.19	-
22	Biochemical Oxygen Demand at 27°C	mg/L	3784	45	50.0
23	Chemical Oxygen Demand	mg/L	14200	250	250.0
24	Oil & Grease	mg/L	82	<1.0	10.0
25	pH at 25°C	---	5.96	6.92	5.5-9.0
26	Total Suspended Solids at 105°C	mg/L	1534	88	100.0
27	Total Dissolved Solids at 180°C	mg/L	3678	1924	2000.0
28	Silica as SiO ₂	mg/L	---	16.2	---


Dr. SubbaReddy Mallampati
Manager-Environment.

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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/23/23580/EW/001
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars : EFFLUENTS WATER SAMPLES

Samples Registered on	: 2024.03.21	Sampling date on	: 2024.03.20
Analysis started on	: 2024.03.22	Analysis Completed on	: 2024.04.02
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	3.14	0.11	2.0
30	Copper as Cu	mg/L	25.6	0.78	3.0
31	Hexavalent Chromium as Cr ⁶⁺	mg/L	0.64	<0.05	0.1
32	Lead as Pb	mg/L	1.02	0.08	0.1
33	Nickel as Ni	mg/L	0.54	<0.01	3.0
34	Phenolic Compounds as C ₆ H ₅ OH	mg/L	5.82	<0.01	1.0
35	Zinc as Zn	mg/L	13.63	0.96	5.0
36	Potassium as K	mg/L	125.8	41.5	-

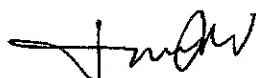
Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 28/12/2023, Calibration Due date: 24/06/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 13/03/2024, Calibration Due date: 12/06/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -


Dr. SubbaReddy Mallampati
Manager-Environment.

Annexure – IV

**Report on quantity of effluent generated for H2
(Oct'23 to Mar'24)**

S. No	Month	Industrial Effluent generation in Kl	Domestic Effluent generation in Kl
1	Oct'23	298	1289
2	Nov'23	359	1237
3	Dec'23	195	1224
4	Jan'24	249	1144
5	Feb'24	369	1166
6	Mar'24	460	1282

Annexure – V

Bioassay test reports

Vimta Labs Limited

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T.S. INDIA

Report Number : VLL/VLS/23/12621/TW/01

Issue Date : 2023.10.28

P.O. Number : 15360264

P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: TREATED EFFLUENT WATER

Samples Registered on	: 2023.10.20	Sampling date on	: 2023.10.19
Analysis started on	: 2023.10.20	Analysis Completed on	: 2023.10.27
Test Required	: 96 hours static Fish bioassay test:		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

%Conc [v/v]	No. of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Re approved 1992)

Fish species: *Puntius sophore* (Fresh water minor Caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.29 and DO: 4.8 mg/L

Remarks: Survival of fish at 100% concentration of treated effluent after 96 hours of exposure is 100%

Name and Designation of Authorized SignatoryDr. Subba Reddy Mallampati
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Report Number : VLL/VLS/23/14102/TW/01

Issue Date : 2023.11.18

P.O. Number : 15360264

P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: TREATED EFFLUENT WATER

Samples Registered on	: 2023.11.11	Sampling date on	: 2023.11.10
Analysis started on	: 2023.11.11	Analysis Completed on	: 2023.11.17
Test Required	: 96 hours static Fish bioassay test;		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

%Conc [v/v]	No. of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Re approved 1992)

Fish species: *Puntius sophore* (Fresh water minor Caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.90 and DO: 4.8 mg/L

Remarks: Survival of fish at 100% concentration of treated effluent after 96 hours of exposure is 100%

Name and Designation of Authorized SignatoryDr. Subba Reddy Mallampati
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Report Number : VLL/VLS/23/15669/TW/01
Issue Date : 2023.12.18
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: TREATED EFFLUENT WATER

Samples Registered on	: 2023.12.06	Sampling date on	: 2023.12.05
Analysis started on	: 2023.12.06	Analysis Completed on	: 2023.12.15
Test Required	: 96 hours static Fish bioassay test;		
Samples Collected by Vimta Labs Limited.			LAB REF.: EC:

TEST REPORT

%Conc [v/v]	No. of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Re approved 1992)

Fish species: *Puntius sophore* (Fresh water minor Caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.18 and DO: 4.9 mg/L

Remarks: Survival of fish at 100% concentration of treated effluent after 96 hours of exposure is 100%

Name and Designation of Authorized Signatory

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Report Number : VLL/VLS/23/18968/TW/01

Issue Date : 2024.01.30

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P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: TREATED EFFLUENT WATER

Samples Registered on	: 2024.01.22	Sampling date on	: 2024.01.20
Analysis started on	: 2024.01.22	Analysis Completed on	: 2024.01.29
Test Required	: 96 hours static Fish bioassay test;		
Samples Collected by Vimta Labs Limited.	LAB REF.: EC;		

TEST REPORT

%Conc [v/v]	No. of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Re approved 1992)

Fish species: *Puntius sophore* (Fresh water minor Caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.66 and DO: 5.1 mg/L

Remarks: Survival of fish at 100% concentration of treated effluent after 96 hours of exposure is 100%

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Report Number : VLL/VLS/23/21391/TW/01

Issue Date : 2024.02.28

P.O. Number : 15360264

P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: TREATED EFFLUENT WATER

Samples Registered on	: 2024.02.22	Sampling date on	: 2024.02.21
Analysis started on	: 2024.02.22	Analysis Completed on	: 2024.02.27
Test Required	: 96 hours static Fish bioassay test;		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

%Conc [v/v]	No. of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Re approved 1992)

Fish species: *Puntius sophore* (Fresh water minor Caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.73 and DO: 5.5 mg/L

Remarks: Survival of fish at 100% concentration of treated effluent after 96 hours of exposure is 100%

Name and Designation of Authorized SignatoryDr. Subba Reddy Mallampati
Manager- Environment

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**ISSUED TO:**

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Report Number : VLL/VLS/23/23580/TW/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: TREATED EFFLUENT WATER

Samples Registered on	: 2024.03.21	Sampling date on	: 2024.03.20
Analysis started on	: 2024.03.22	Analysis Completed on	: 2024.04.02
Test Required	: 96 hours static Fish bioassay test;		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

%Conc [v/v]	No. of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Re approved 1992)

Fish species: *Puntius sophore* (Fresh water minor Caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.45 and DO: 4.9 mg/L

Remarks: Survival of fish at 100% concentration of treated effluent after 96 hours of exposure is 100%

Name and Designation of Authorized Signatory

Dr. Subba Reddy Mallampati
Manager- Environment

Annexure – VI

Test reports of Ground Water parameter analysis

Vimta Labs Limited

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Report Number : VLL/VLS/23/12621/PMW/01

Issue Date : 2023.10.31

P.O. Number : 15360264

P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars: Pizeo Metric Well Samples

Samples Registered	:	2023.10.20	Sampling date on	:	2023.10.19
Analysis started on	:	2023.10.20	Analysis Completed	:	2023.10.30
Test Required	:	pH, Colour, Taste, Odour, Conductivity, Turbidity, TDS, Particle size, Hardness, Total Alkalinity, Calcium, Magnesium, Residual chlorine, Boron, Chloride, Sulphates, Fluoride, Nitrates, Sodium and Total Coli form, Potassium, Phenolics Compounds, Cyanides, Anionic Detergents, Mineral Oil, Cd, As, Cu, Pb, Mn, Fe, Cr, Se, Zn, Al, Hg, Pesticides, E. Coli.			
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;		

TEST REPORT

SR.NO.	PARAMETER	UOM	Pizeo Metric Well - I	Pizeo Metric Well - II	Pizeo Metric Well - III	Limits
1	pH	--	6.90	6.98	7.11	6.5-8.5
2	Colour	Hazen	1	1	1	3
3	Taste	--	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	--	Un Objection	Un Objection	Un Objection	Un Objection
5	Conductivity	µs/cm	1935	2570	1785	-
6	Turbidity	NTU	4	5	3	1(5)
7	Total dissolved solids at 180°C	mg/L	1224	1635	1130	500 (2000)
8	Total Hardness as CaCO ₃	mg/L	358	410	335	200 (600)
9	Total Alkalinity as CaCO ₃	mg/L	340	390	320	200 (600)
10	Calcium as Ca	mg/L	86.2	95.4	79.4	75 (200)
11	Magnesium as Mg	mg/L	34.6	41.5	32.7	30 (100)
12	Residual chlorine	mg/L	0.2	0.3	0.2	0.2 (1.0)
13	Boron as B	mg/L	0.14	0.19	0.09	0.5 (1.0)
14	Chlorides as Cl	mg/L	342.6	496.3	293.4	250 (1000)
15	Sulphates as SO ₄	mg/L	102.8	154.5	126.5	200 (400)
16	Fluorides as F	mg/L	0.80	1.00	0.70	1.0 (1.5)
17	Nitrates as NO ₃	mg/L	5.4	13.6	4.8	45.0
18	Sodium as Na	mg/L	276.8	398.2	254.6	-
19	Potassium as K	mg/L	6.5	9.4	4.3	-
20	Phenolic Compounds as C ₆ H ₅ OH	mg/L	<0.001	<0.001	<0.001	0.001 (0.002)
21	Cyanides as CN	mg/L	<0.02	<0.02	<0.02	0.05
22	Anionic detergents	mg/L	<0.02	<0.02	<0.02	-
23	Mineral oil	mg/L	<0.01	<0.01	<0.01	0.5
24	Cadmium as Cd	mg/L	<0.01	<0.01	<0.01	0.003
25	Arsenic as As	mg/L	<0.01	<0.01	<0.01	0.01 (0.05)
26	Copper as Cu	mg/L	0.02	0.03	0.01	0.05 (1.5)
27	Lead as Pb	mg/L	<0.01	<0.01	<0.01	0.01
28	Manganese as Mn	mg/L	0.02	0.04	0.03	0.1 (0.3)

Name and Designation of Authorized SignatoryDr. SUBBA REDDY MALLAMPATI
Manager-Environment

ISSUED TO:

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PLOT NO-50-55, IDA
PATANCHERU,
SANGA REDDY DISTRICT
T.S. INDIA.

Report Number : VLL/VLS/23/12621/PMW/01
Issue Date : 2023.10.31
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars: Pizeo Metric Well Samples

TEST REPORT

Remarks: Results relate only to the sample tested.

Sr. NO.	PARAMETER	UOM	Piezo Metric Well - I	Piezo Metric Well - II	Piezo Metric Well - III	Limits
29	Iron as Fe	mg/L	0.16	0.24	0.13	0.3
30	Chromium as Cr ⁶	mg/L	<0.05	<0.05	<0.05	0.05
31	Selenium as Se	mg/L	<0.01	<0.01	<0.01	0.01
32	Zinc as Zn	mg/L	0.18	0.26	0.15	5 (15)
33	Aluminum as Al	mg/L	0.03	0.05	0.02	0.03 (0.2)
34	Mercury as Hg	mg/L	<0.001	<0.001	<0.001	0.001
35	Pesticides	mg/L	Absent	Absent	Absent	-
36	E. coli	-	Absent	Absent	Absent	-
37	Total coli form	MPN/100ml	<2	<2	<2	-
38	Temperature	-	25.8	26.1	25.9	-
39	Particle size of total	Microns	Not Detected	Not Detected	Not Detected	-
	Average Particle Size	Microns	Not Detected	Not Detected	Not Detected	-
	10%	Microns	Not Detected	Not Detected	Not Detected	-
	50%	Microns	Not Detected	Not Detected	Not Detected	-
	90%	Microns	Not Detected	Not Detected	Not Detected	-
40	TSS	mg/L	<1.0	<1.0	<1.0	-
41	Ammonical Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
42	Oil & Grease	mg/L	<1.0	<1.0	<1.0	10.0
43	BOD	mg/L	<3.0	<3.0	<3.0	30
44	COD	mg/L	<5.0	<5.0	<5.0	250
45	Total Chromium	mg/L	<0.01	<0.01	<0.01	0.05
46	Free Ammonia as NH ₃	mg/L	<0.01	<0.01	<0.01	0.5
47	Dissolved Phosphate as P	mg/L	<0.1	<0.1	<0.1	-
48	Total Kjeldahl Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
49	Nickel as Ni	mg/L	<0.01	<0.01	<0.01	0.02
50	Residual Sodium Carbonate	%	1.62	1.83	1.45	-
51	Total Volatile Solids	mg/L	24	32	28	-
52	Phosphates	mg/L	<0.1	<0.1	<0.1	-
53	Cobalt	mg/L	<0.01	<0.01	<0.01	-
54	Silica as SiO ₂	mg/L	12.4	16.7	13.6	-

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/09/2023, Calibration Due date: 13/12/2023; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

Name and Designation of Authorized Signatory

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Report Number : VLL/VLS/23/14102/PMW/01
Issue Date : 2023.11.25
P.O. Number : 001530264
P.O. Date : 08-04-2023

Page No: 1 of 2

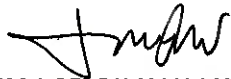
Sample Particulars: Pizeo Metric Well Samples

Samples Registered	:	2023.11.11	Sampling date on	:	2023.11.10
Analysis started on	:	2023.11.11	Analysis Completed	:	2023.11.24
Test Required	:	pH, Colour, Taste, Odour, Conductivity, Turbidity, TDS, Particle size, Hardness, Total Alkalinity, Calcium, Magnesium, Residual chlorine, Boron, Chloride, Sulphates, Fluoride, Nitrates, Sodium and Total Coli form, Potassium, Phenolics Compounds, Cyanides, Anionic Detergents, Mineral Oil, Cd, As, Cu, Pb, Mn, Fe, Cr, Se, Zn, Al, Hg, Pesticides, E.Coli.			
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;		

TEST REPORT

SR.NO.	PARAMETER	UOM	Pizeo Metric Well - I	Pizeo Metric Well - II	Pizeo Metric Well - III	Limits
1	pH	--	7.63	7.55	7.73	6.5-8.5
2	Colour	Hazen	1	1	1	3
3	Taste	--	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	--	Un Objection	Un Objection	Un Objection	Un Objection
5	Conductivity	µs/cm	1584	2014	1438	-
6	Turbidity	NTU	3	4	2	1(5)
7	Total dissolved solids at 180°C	mg/L	1128	1486	1020	500 (2000)
8	Total Hardness as CaCO ₃	mg/L	308	357	265	200 (600)
9	Total Alkalinity as CaCO ₃	mg/L	290	340	250	200 (600)
10	Calcium as Ca	mg/L	74.3	81.5	62.6	75 (200)
11	Magnesium as Mg	mg/L	29.6	37.2	26.4	30 (100)
12	Residual chlorine	mg/L	<0.2	<0.2	<0.2	0.2 (1.0)
13	Boron as B	mg/L	0.16	0.26	0.08	0.5 (1.0)
14	Chlorides as Cl	mg/L	316.7	398.4	262.5	250 (1000)
15	Sulphates as SO ₄	mg/L	112.8	136.2	98.7	200 (400)
16	Fluorides as F	mg/L	0.96	1.1	0.84	1.0 (1.5)
17	Nitrates as NO ₃	mg/L	6.2	16.5	5.4	45.0
18	Sodium as Na	mg/L	298.3	385.7	263.6	-
19	Potassium as K	mg/L	5.2	8.3	3.7	-
20	Phenolic Compounds as C ₆ H ₅ OH	mg/L	<0.001	<0.001	<0.001	0.001 (0.002)
21	Cyanides as CN	mg/L	<0.02	<0.02	<0.02	0.05
22	Anionic detergents	mg/L	<0.02	<0.02	<0.02	-
23	Mineral oil	mg/L	<0.01	<0.01	<0.01	0.5
24	Cadmium as Cd	mg/L	<0.01	<0.01	<0.01	0.003
25	Arsenic as As	mg/L	<0.01	<0.01	<0.01	0.01 (0.05)
26	Copper as Cu	mg/L	0.01	0.02	<0.01	0.05 (1.5)
27	Lead as Pb	mg/L	<0.01	<0.01	<0.01	0.01
28	Manganese as Mn	mg/L	0.02	0.03	0.01	0.1 (0.3)

Name and Designation of Authorized Signatory


Dr. SUBBA REDDY MALLAMPATI
Manager-Environment

Vimta Labs Limited

Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
T : +91 40 2726 4141
F : +91 40 2726 3657

ISSUED TO:

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

Report Number : VLL/VLS/23/14102/PMW/01
Issue Date : 2023.11.25
P.O. Number : 0015360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars: Pizeo Metric Well Samples**TEST REPORT**

Sr. NO.	PARAMETER	UOM	Piezo Metric Well - I	Piezo Metric Well - II	Piezo Metric Well - III	Limits
29	Iron as Fe	mg/L	0.12	0.19	0.09	0.3
30	Chromium as Cr ⁶⁺	mg/L	<0.05	<0.05	<0.05	0.05
31	Selenium as Se	mg/L	<0.01	<0.01	<0.01	0.01
32	Zinc as Zn	mg/L	0.23	0.31	0.17	5 (15)
33	Aluminum as Al	mg/L	0.04	0.06	0.03	0.03 (0.2)
34	Mercury as Hg	mg/L	<0.001	<0.001	<0.001	0.001
35	Pesticides	mg/L	Absent	Absent	Absent	-
36	E. coli	--	Absent	Absent	Absent	-
37	Total coli form	MPN/100ml	<2	<2	<2	-
38	Temperature	--	25.9	25.8	25.7	-
39	Particle size of total	Microns	Not Detected	Not Detected	Not Detected	-
	Average Particle Size	Microns	Not Detected	Not Detected	Not Detected	-
	10%	Microns	Not Detected	Not Detected	Not Detected	-
	50%	Microns	Not Detected	Not Detected	Not Detected	-
	90%	Microns	Not Detected	Not Detected	Not Detected	-
	100%	Microns	Not Detected	Not Detected	Not Detected	-
40	TSS	mg/L	<1.0	<1.0	<1.0	-
41	Ammonical Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
42	Oil & Grease	mg/L	<1.0	<1.0	<1.0	10.0
43	BOD	mg/L	<3.0	<3.0	<3.0	30
44	COD	mg/L	<5.0	<5.0	<5.0	250
45	Total Chromium	mg/L	<0.01	<0.01	<0.01	0.05
46	Free Ammonia as NH ₃	mg/L	<0.01	<0.01	<0.01	0.5
47	Dissolved Phosphate as P	mg/L	<0.1	<0.1	<0.1	-
48	Total Kjeldahl Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
49	Nickel as Ni	mg/L	<0.01	<0.01	<0.01	0.02
50	Residual Sodium Carbonate	%	1.54	1.76	1.32	-
51	Total Volatile Solids	mg/L	19	28	21	-
52	Phosphates	mg/L	<0.1	<0.1	<0.1	-
53	Cobalt	mg/L	<0.01	<0.01	<0.01	-
54	Silica as SiO ₂	mg/L	10.5	18.3	12.5	-

Remarks: Results relate only to the sample tested.

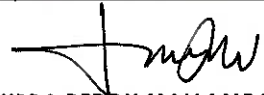
Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/09/2023, Calibration Due date: 13/12/2023; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -

Name and Designation of Authorized Signatory



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/23/15669/PMW/01
Issue Date : 2023.12.18
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars: Pizeo Metric Well Samples

Samples Registered	:	2023.12.06	Sampling date on	:	2023.12.05
Analysis started on	:	2023.12.06	Analysis Completed	:	2023.12.15
Test Required	:	pH ,Colour ,Taste ,Odour ,Conductivity ,Turbidity ,TDS , Particle size, Hardness ,Total Alkalinity ,Calcium ,Magnesium ,Residual chlorine , Boron ,Chloride ,Sulphates ,Fluoride ,Nitrates ,Sodium and Total Coli form , Potassium, Phenolics Compounds, Cyanides, Anionic Detergents, Mineral Oil,Cd,As,Cu,Pb,Mn,Fe,Cr, Se,Zn,Al,Hg, Pesticides ,E.Coli.			
Samples Collected by Vimta Labs Limited.			LAB REF.: EC;		

TEST REPORT

SR.NO.	PARAMETER	UOM	Pizeo Metric Well - I	Pizeo Metric Well - II	Pizeo Metric Well - III	Limits
1	pH	--	6.72	6.62	6.85	6.5-8.5
2	Colour	Hazen	2	1	2	3
3	Taste	--	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	--	Un Objection	Un Objection	Un Objection	Un Objection
5	Conductivity	µs/cm	2546	2635	2141	-
6	Turbidity	NTU	5	4	5	1(5)
7	Total dissolved solids at 180°C	mg/L	1582	1635	1323	500 (2000)
8	Total Hardness as CaCO ₃	mg/L	409	413	383	200 (600)
9	Total Alkalinity as CaCO ₃	mg/L	425	410	365	200 (600)
10	Calcium as Ca	mg/L	89.4	95.6	76.5	75 (200)
11	Magnesium as Mg	mg/L	38.2	44.5	34.3	30 (100)
12	Residual chlorine	mg/L	0.3	0.2	0.3	0.2 (1.0)
13	Boron as B	mg/L	0.16	0.24	0.11	0.5 (1.0)
14	Chlorides as Cl	mg/L	365.4	493.7	376.6	250 (1000)
15	Sulphates as SO ₄	mg/L	154.8	162.3	146.5	200 (400)
16	Fluorides as F	mg/L	1.2	1.1	0.8	1.0 (1.5)
17	Nitrates as NO ₃	mg/L	7.8	12.8	6.1	45.0
18	Sodium as Na	mg/L	392.9	412.5	312.8	-
19	Potassium as K	mg/L	7.5	9.2	5.6	-
20	Phenolic Compounds as C ₆ H ₅ OH	mg/L	<0.001	<0.001	<0.001	0.001 (0.002)
21	Cyanides as CN	mg/L	<0.02	<0.02	<0.02	0.05
22	Anionic detergents	mg/L	<0.02	<0.02	<0.02	-
23	Mineral oil	mg/L	<0.01	<0.01	<0.01	0.5
24	Cadmium as Cd	mg/L	<0.01	<0.01	<0.01	0.003
25	Arsenic as As	mg/L	<0.01	<0.01	<0.01	0.01 (0.05)
26	Copper as Cu	mg/L	0.01	0.02	0.03	0.05 (1.5)
27	Lead as Pb	mg/L	<0.01	<0.01	<0.01	0.01
28	Manganese as Mn	mg/L	0.03	0.05	0.04	0.1 (0.3)

Name and Designation of Authorized Signatory



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/23/15669/PMW/01
Issue Date : 2023.12.18
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars: Pizeo Metric Well Samples

TEST REPORT

Remarks: Results relate only to the sample tested.

Sr. NO.	PARAMETER	UOM	Piezo Metric Well - I	Piezo Metric Well - II	Piezo Metric Well - III	Limits
29	Iron as Fe	mg/L	0.18	0.26	0.16	0.3
30	Chromium as Cr ⁶	mg/L	<0.05	<0.05	<0.05	0.05
31	Selenium as Se	mg/L	<0.01	<0.01	<0.01	0.01
32	Zinc as Zn	mg/L	0.21	0.36	0.17	5 (15)
33	Aluminum as Al	mg/L	0.03	0.04	0.02	0.03 (0.2)
34	Mercury as Hg	mg/L	<0.001	<0.001	<0.001	0.001
35	Pesticides	mg/L	Absent	Absent	Absent	-
36	E. coli	-	Absent	Absent	Absent	-
37	Total coli form	MPN/100ml	<2	<2	<2	-
38	Temperature	-	25.6	26.5	25.8	-
39	Particle size of total	Microns	Not Detected	Not Detected	Not Detected	-
	Average Particle Size	Microns	Not Detected	Not Detected	Not Detected	-
	10%	Microns	Not Detected	Not Detected	Not Detected	-
	50%	Microns	Not Detected	Not Detected	Not Detected	-
	90%	Microns	Not Detected	Not Detected	Not Detected	-
40	TSS	mg/L	<1.0	<1.0	<1.0	-
41	Ammonical Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
42	Oil & Grease	mg/L	<1.0	<1.0	<1.0	10.0
43	BOD	mg/L	<3.0	<3.0	<3.0	30
44	COD	mg/L	<5.0	<5.0	<5.0	250
45	Total Chromium	mg/L	<0.01	<0.01	<0.01	0.05
46	Free Ammonia as NH ₃	mg/L	<0.01	<0.01	<0.01	0.5
47	Dissolved Phosphate as P	mg/L	<0.1	<0.1	<0.1	-
48	Total Kjeldahl Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
49	Nickel as Ni	mg/L	<0.01	<0.01	<0.01	0.02
50	Residual Sodium Carbonate	%	1.73	1.92	1.56	-
51	Total Volatile Solids	mg/L	29	33	25	-
52	Phosphates	mg/L	<0.1	<0.1	<0.1	-
53	Cobalt	mg/L	<0.01	<0.01	<0.01	-
54	Silica as SiO ₂	mg/L	14.1	16.9	12.8	-

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/12/2023, Calibration Due date: 10/03/2024; (ID No.: VLS-NT/UV-VIS/01)

-END OF THE TEST REPORT -

Name and Designation of Authorized Signatory

Dr. SUBBA REDDY MALLAMPATI
Manager-Environment

Vimta Labs Limited

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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/23/18968/PMW/01
Issue Date : 2024.01.30
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

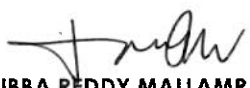
Sample Particulars: Pizeo Metric Well Samples

Samples Registered	:	2024.01.22	Sampling date on	:	2024.01.20
Analysis started on	:	2024.01.22	Analysis Completed	:	2024.01.29
Test Required	:	pH ,Colour ,Taste ,Odour ,Conductivity ,Turbidity ,TDS , Particle size, Hardness ,Total Alkalinity ,Calcium ,Magnesium ,Residual chlorine , Boron ,Chloride ,Sulphates ,Fluoride ,Nitrates ,Sodium and Total Coli form , Potassium, Phenolics Compounds, Cyanides, Anionic Detergents, Mineral Oil,Cd,As,Cu,Pb,Mn,Fe,Cr, Se,Zn,Al,Hg, Pesticides ,E.Coli.			
Samples Collected by Vimta Labs Limited.			LAB REF.: EC:		

TEST REPORT

SR.NO.	PARAMETER	UOM	Pizeo Metric Well - I	Pizeo Metric Well - II	Pizeo Metric Well - III	Limits
1	pH	--	7.56	6.84	7.04	6.5-8.5
2	Colour	Hazen	1	1	1	3
3	Taste	--	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	--	Un Objection	Un Objection	Un Objection	Un Objection
5	Conductivity	µs/cm	2475	2345	2064	-
6	Turbidity	NTU	3	5	4	1 (5)
7	Total dissolved solids at 180°C	mg/L	1596	1490	1318	500 (2000)
8	Total Hardness as CaCO ₃	mg/L	393	374	367	200 (600)
9	Total Alkalinity as CaCO ₃	mg/L	430	405	385	200 (600)
10	Calcium as Ca	mg/L	92.5	88.3	86.7	75 (200)
11	Magnesium as Mg	mg/L	39.4	37.3	36.5	30 (100)
12	Residual chlorine	mg/L	0.2	0.3	0.2	0.2 (1.0)
13	Boron as B	mg/L	0.18	0.21	0.13	0.5 (1.0)
14	Chlorides as Cl	mg/L	451.2	430.4	346.6	250 (1000)
15	Sulphates as SO ₄	mg/L	155.4	148.8	136.7	200 (400)
16	Fluorides as F	mg/L	1.1	0.7	0.8	1.0 (1.5)
17	Nitrates as NO ₃	mg/L	6.7	5.4	7.2	45.0
18	Sodium as Na	mg/L	384.2	362.7	296.5	-
19	Potassium as K	mg/L	6.8	7.8	4.6	-
20	Phenolic Compounds as C ₆ H ₅ OH	mg/L	<0.001	<0.001	<0.001	0.001 (0.002)
21	Cyanides as CN	mg/L	<0.02	<0.02	<0.02	0.05
22	Anionic detergents	mg/L	<0.02	<0.02	<0.02	-
23	Mineral oil	mg/L	<0.01	<0.01	<0.01	0.5
24	Cadmium as Cd	mg/L	<0.01	<0.01	<0.01	0.003
25	Arsenic as As	mg/L	<0.01	<0.01	<0.01	0.01 (0.05)
26	Copper as Cu	mg/L	0.02	0.03	0.02	0.05 (1.5)
27	Lead as Pb	mg/L	<0.01	<0.01	<0.01	0.01
28	Manganese as Mn	mg/L	0.04	0.03	0.05	0.1 (0.3)

Name and Designation of Authorized Signatory


Dr. SUBBA REDDY MALLAMPATI
Manager-Environment

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Vimta Labs Limited

Registered Office
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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/23/18968/PMW/01
Issue Date : 2024.01.27
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars: Pizeo Metric Well Samples

TEST REPORT

Remarks: Results relate only to the sample tested.

Sr. NO.	PARAMETER	UOM	Piezo Metric Well - I	Piezo Metric Well - II	Piezo Metric Well - III	Limits
29	Iron as Fe	mg/L	0.04	0.06	0.05	0.3
30	Chromium as Cr ⁶⁺	mg/L	<0.05	<0.05	<0.05	0.05
31	Selenium as Se	mg/L	<0.01	<0.01	<0.01	0.01
32	Zinc as Zn	mg/L	0.23	0.38	0.19	5 (15)
33	Aluminum as Al	mg/L	0.03	0.02	0.03	0.03 (0.2)
34	Mercury as Hg	mg/L	<0.001	<0.001	<0.001	0.001
35	Pesticides	mg/L	Absent	Absent	Absent	-
36	E. coli	--	Absent	Absent	Absent	-
37	Total coli form	MPN/100ml	<2	<2	<2	-
38	Temperature	--	25.7	26.3	25.4	-
39	Particle size of total	Microns	Not Detected	Not Detected	Not Detected	-
	Average Particle Size	Microns	Not Detected	Not Detected	Not Detected	-
	10%	Microns	Not Detected	Not Detected	Not Detected	-
	50%	Microns	Not Detected	Not Detected	Not Detected	-
	90%	Microns	Not Detected	Not Detected	Not Detected	-
	100%	Microns	Not Detected	Not Detected	Not Detected	-
40	TSS	mg/L	<1.0	<1.0	<1.0	-
41	Ammonical Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
42	Oil & Grease	mg/L	<1.0	<1.0	<1.0	10.0
43	BOD	mg/L	<3.0	<3.0	<3.0	30
44	COD	mg/L	<5.0	<5.0	<5.0	250
45	Total Chromium	mg/L	<0.01	<0.01	<0.01	0.05
46	Free Ammonia as NH ₃	mg/L	<0.01	<0.01	<0.01	0.5
47	Dissolved Phosphate as P	mg/L	<0.1	<0.1	<0.1	-
48	Total Kjeldahl Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
49	Nickel as Ni	mg/L	<0.01	<0.01	<0.01	0.02
50	Residual Sodium Carbonate	%	1.84	1.96	1.62	-
51	Total Volatile Solids	mg/L	32	35	27	-
52	Phosphates	mg/L	<0.1	<0.1	<0.1	-
53	Cobalt	mg/L	<0.01	<0.01	<0.01	-
54	Silica as SiO ₂	mg/L	15.3	17.2	13.5	-

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 28/12/2023, Calibration Due date: 24/06/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/12/2023, Calibration Due date: 10/03/2024; (ID No.: VLS-NT/UV-VIS/01)

-END OF THE TEST REPORT -

Name and Designation of Authorized Signatory

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/23/21391/PMW/01
Issue Date : 2024.02.28
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

Sample Particulars: Pizeo Metric Well Samples

Samples Registered	:	2024.02.22	Sampling date on	:	2024.02.21
Analysis started on	:	2024.02.22	Analysis Completed	:	2024.02.27
Test Required	:	pH, Colour, Taste, Odour, Conductivity, Turbidity, TDS, Particle size, Hardness, Total Alkalinity, Calcium, Magnesium, Residual chlorine, Boron, Chloride, Sulphates, Fluoride, Nitrates, Sodium and Total Chloride form, Potassium, Phenolics Compounds, Cyanides, Anionic Detergents, Mineral Oil, Cd, As, Cu, Pb, Mn, Fe, Cr, Se, Zn, Al, Hg, Pesticides, E. Coli.			

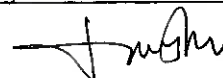
Samples Collected by Vimta Labs Limited.

LAB REF.: EC;

TEST REPORT

SR.NO.	PARAMETER	UOM	Pizeo Metric Well - I	Pizeo Metric Well - II	Pizeo Metric Well - III	Limits
1	pH	--	7.61	7.82	7.47	6.5-8.5
2	Colour	Hazen	1	1	1	3
3	Taste	--	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	--	Un Objection	Un Objection	Un Objection	Un Objection
5	Conductivity	us/cm	1795	1876	1940	-
6	Turbidity	NTU	2	2	2	1(5)
7	Total dissolved solids at 180°C	mg/L	1148	1206	1232	500 (2000)
8	Total Hardness as CaCO ₃	mg/L	348	362	400	200 (600)
9	Total Alkalinity as CaCO ₃	mg/L	360	370	345	200 (600)
10	Calcium as Ca	mg/L	82.3	84.5	90.2	75 (200)
11	Magnesium as Mg	mg/L	34.5	36.6	42.4	30 (100)
12	Residual chlorine	mg/L	0.1	0.2	0.1	0.2 (1.0)
13	Boron as B	mg/L	0.15	0.24	0.11	0.5 (1.0)
14	Chlorides as Cl	mg/L	281.7	296.4	311.2	250 (1000)
15	Sulphates as SO ₄	mg/L	129.6	134.2	173.7	200 (400)
16	Fluorides as F	mg/L	0.8	1.2	0.7	1.0 (1.5)
17	Nitrates as NO ₃	mg/L	3.9	8.5	4.3	45.0
18	Sodium as Na	mg/L	249.6	261.4	257.9	-
19	Potassium as K	mg/L	5.6	6.2	7.5	-
20	Phenolic Compounds as C ₆ H ₅ OH	mg/L	<0.001	<0.001	<0.001	0.001 (0.002)
21	Cyanides as CN	mg/L	<0.02	<0.02	<0.02	0.05
22	Anionic detergents	mg/L	<0.02	<0.02	<0.02	-
23	Mineral oil	mg/L	<0.01	<0.01	<0.01	0.5
24	Cadmium as Cd	mg/L	<0.01	<0.01	<0.01	0.003
25	Arsenic as As	mg/L	<0.01	<0.01	<0.01	0.01 (0.05)
26	Copper as Cu	mg/L	0.01	0.02	0.03	0.05 (1.5)
27	Lead as Pb	mg/L	<0.01	<0.01	<0.01	0.01
28	Manganese as Mn	mg/L	0.05	0.04	0.02	0.1 (0.3)

Name and Designation of Authorized Signatory



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/23/21391/PMW/01
Issue Date : 2024.02.28
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars: Piezo Metric Well Samples

TEST REPORT

Remarks: Results relate only to the sample tested.

Sr. NO.	PARAMETER	UOM	Piezo Metric Well - I	Piezo Metric Well - II	Piezo Metric Well - III	Limits
29	Iron as Fe	mg/L	0.07	0.09	0.08	0.3
30	Chromium as Cr ⁶⁺	mg/L	<0.05	<0.05	<0.05	0.05
31	Selenium as Se	mg/L	<0.01	<0.01	<0.01	0.01
32	Zinc as Zn	mg/L	0.25	0.34	0.16	5 (1.5)
33	Aluminum as Al	mg/L	0.02	0.04	0.03	0.03 (0.2)
34	Mercury as Hg	mg/L	<0.001	<0.001	<0.001	0.001
35	Pesticides	mg/L	Absent	Absent	Absent	-
36	E. coli	-	Absent	Absent	Absent	-
37	Total coli form	MPN/100ml	<2	<2	<2	-
38	Temperature	-	25.9	26.5	25.6	-
39	Particle size of total	Microns	Not Detected	Not Detected	Not Detected	-
	Average Particle Size	Microns	Not Detected	Not Detected	Not Detected	-
	10%	Microns	Not Detected	Not Detected	Not Detected	-
	50%	Microns	Not Detected	Not Detected	Not Detected	-
	90%	Microns	Not Detected	Not Detected	Not Detected	-
40	TSS	mg/L	<1.0	<1.0	<1.0	-
41	Ammonical Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
42	Oil & Grease	mg/L	<1.0	<1.0	<1.0	10.0
43	BOD	mg/L	<3.0	<3.0	<3.0	30
44	COD	mg/L	<5.0	<5.0	<5.0	250
45	Total Chromium	mg/L	<0.01	<0.01	<0.01	0.05
46	Free Ammonia as NH ₃	mg/L	<0.01	<0.01	<0.01	0.5
47	Dissolved Phosphate as P	mg/L	<0.1	<0.1	<0.1	-
48	Total Kjeldahl Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
49	Nickel as Ni	mg/L	<0.01	<0.01	<0.01	0.02
50	Residual Sodium Carbonate	%	1.92	1.83	1.54	-
51	Total Volatile Solids	mg/L	36	32	29	-
52	Phosphates	mg/L	<0.1	<0.1	<0.1	-
53	Cobalt	mg/L	<0.01	<0.01	<0.01	-
54	Silica as SiO ₂	mg/L	14.5	16.4	13.2	-

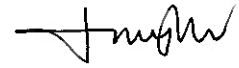
Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 26/12/2023, Calibration Due date: 25/06/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 14/12/2023, Calibration Due date: 10/03/2024; (ID No.: VLS-NT/UV-VIS/01)

-END OF THE TEST REPORT -

Name and Designation of Authorized Signatory


Dr. SUBBA REDDY MALLAMPATI
Manager-Environment

ISSUED TO:

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

Report Number : VLL/VLS/23/23580/PMW/001
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 2

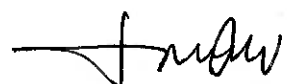
Sample Particulars: Pizeo Metric Well Samples

Samples Registered	: 2024.03.21	Sampling date on	: 2024.03.20
Analysis started on	: 2024.03.22	Analysis Completed	: 2024.04.02
Test Required	pH ,Colour ,Taste ,Odour ,Conductivity ,Turbidity ,TDS , Particle size, Hardness ,Total Alkalinity ,Calcium ,Magnesium ,Residual chlorine , Boron ,Chloride ,Sulphates ,Fluoride ,Nitrates ,Sodium and Total Coli form , Potassium, Phenolics Compounds, Cyanides, Anionic Detergents, Mineral Oil,Cd,As,Cu,Pb,Mn,Fe,Cr, Se,Zn,Al,Hg, Pesticides ,E.Coli.		
Samples Collected by Vimta Labs Limited.		LAB REF.: EC;	

TEST REPORT

SR.NO.	PARAMETER	UOM	Pizeo Metric Well - I	Pizeo Metric Well - II	Pizeo Metric Well - III	Limits
1	pH	--	7.45	7.22	7.36	6.5-8.5
2	Colour	Hazen	1	1	1	3
3	Taste	--	Agreeable	Agreeable	Agreeable	Agreeable
4	Odour	--	Un Objection	Un Objection	Un Objection	Un Objection
5	Conductivity	µs/cm	2530	2212	1982	-
6	Turbidity	NTU	3	4	2	1(5)
7	Total dissolved solids at 180°C	mg/L	1624	1412	1274	500 (2000)
8	Total Hardness as CaCO ₃	mg/L	374	326	340	200 (600)
9	Total Alkalinity as CaCO ₃	mg/L	410	395	375	200 (600)
10	Calcium as Ca	mg/L	89.6	76.5	79.4	75 (200)
11	Magnesium as Mg	mg/L	36.5	32.8	34.3	30 (100)
12	Residual chlorine	mg/L	0.2	0.2	0.2	0.2 (1.0)
13	Boron as B	mg/L	0.21	0.23	0.16	0.5 (1.0)
14	Chlorides as Cl	mg/L	478.8	396.4	334.5	250 (1000)
15	Sulphates as SO ₄	mg/L	162.5	131.8	128.7	200 (400)
16	Fluorides as F	mg/L	1.30	0.90	1.10	1.0 (1.5)
17	Nitrates as NO ₃	mg/L	5.6	4.3	6.4	45.0
18	Sodium as Na	mg/L	405.4	354.8	296.5	-
19	Potassium as K	mg/L	7.4	6.2	5.3	-
20	Phenolic Compounds as C ₆ H ₅ OH	mg/L	<0.001	<0.001	<0.001	0.001 (0.002)
21	Cyanides as CN	mg/L	<0.02	<0.02	<0.02	0.05
22	Anionic detergents	mg/L	<0.02	<0.02	<0.02	-
23	Mineral oil	mg/L	<0.01	<0.01	<0.01	0.5
24	Cadmium as Cd	mg/L	<0.01	<0.01	<0.01	0.003
25	Arsenic as As	mg/L	<0.01	<0.01	<0.01	0.01 (0.05)
26	Copper as Cu	mg/L	0.01	0.02	0.01	0.05 (1.5)
27	Lead as Pb	mg/L	<0.01	<0.01	<0.01	0.01
28	Manganese as Mn	mg/L	0.04	0.02	0.03	0.1 (0.3)

Name and Designation of Authorized Signatory


Dr. SUBBA REDDY MALLAMPATI
Manager-Environment

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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/23/23580/PMW/001

Issue Date : 2024.04.03

P.O. Number : 15360264

P.O. Date : 08-04-2023

Page No: 2 of 2

Sample Particulars: Pizeo Metric Well Samples**TEST REPORT**

Sr. NO.	PARAMETER	UOM	Piezo Metric Well - I	Piezo Metric Well - II	Piezo Metric Well - III	Limits
29	Iron as Fe	mg/L	0.05	0.04	0.02	0.3
30	Chromium as Cr ⁶⁺	mg/L	<0.05	<0.05	<0.05	0.05
31	Selenium as Se	mg/L	<0.01	<0.01	<0.01	0.01
32	Zinc as Zn	mg/L	0.17	0.26	0.12	5 (15)
33	Aluminum as Al	mg/L	0.04	0.03	0.04	0.03 (0.2)
34	Mercury as Hg	mg/L	<0.001	<0.001	<0.001	0.001
35	Pesticides	mg/L	Absent	Absent	Absent	-
36	E. coli	-	Absent	Absent	Absent	-
37	Total coli form	MPN/100ml	<2	<2	<2	-
38	Temperature	-	26.2	25.8	26.1	-
39	Particle size of total	Microns	Not Detected	Not Detected	Not Detected	-
	Average Particle Size	Microns	Not Detected	Not Detected	Not Detected	-
	10%	Microns	Not Detected	Not Detected	Not Detected	-
	50%	Microns	Not Detected	Not Detected	Not Detected	-
	90%	Microns	Not Detected	Not Detected	Not Detected	-
	100%	Microns	Not Detected	Not Detected	Not Detected	-
40	TSS	mg/L	<1.0	<1.0	<1.0	-
41	Ammonical Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
42	Oil & Grease	mg/L	<1.0	<1.0	<1.0	10.0
43	BOD	mg/L	<3.0	<3.0	<3.0	30
44	COD	mg/L	<5.0	<5.0	<5.0	250
45	Total Chromium	mg/L	<0.01	<0.01	<0.01	0.05
46	Free Ammonia as NH ₃	mg/L	<0.01	<0.01	<0.01	0.5
47	Dissolved Phosphate as P	mg/L	<0.1	<0.1	<0.1	-
48	Total Kjeldahl Nitrogen as N	mg/L	<0.1	<0.1	<0.1	-
49	Nickel as Ni	mg/L	<0.01	<0.01	<0.01	0.02
50	Residual Sodium Carbonate	%	1.75	1.86	1.54	-
51	Total Volatile Solids	mg/L	28	32	25	-
52	Phosphates	mg/L	<0.1	<0.1	<0.1	-
53	Cobalt	mg/L	<0.01	<0.01	<0.01	-
54	Silica as SiO ₂	mg/L	16.7	14.8	12.2	-

Remarks: Results relate only to the sample tested.

Instrument Used: ICP - OES & UV-Vis Spectrophotometer

ICP OES Calibrated on: 28/12/2023, Calibration Due date: 24/06/2024; (ID No.: VLS-NT/ICP-OES/01)

UV-VIS Spectrophotometer Calibrated on: 13/03/2024, Calibration Due date: 12/06/2024; (ID No.: VLS-NT/UV-VIS/01)

- END OF THE TEST REPORT -**Name and Designation of Authorized Signatory****Dr. SUBBA REDDY MALLAMPATI**
Manager-Environment

Annexure – VII

Test reports of ETP Sludge

ISSUED TO:

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

Report Number : VLL/VLS/23/23580/Sludge/01
Issue Date : 2024.04.03
P.O. Number : 15360264
P.O. Date : 08-04-2023

Page No: 1 of 1

Sample Particulars: ETP SLUDGE

Samples Registered on : 2024.03.21 Sampling date on : 2024.03.20
Analysis started on : 2024.03.22 Analysis Completed on : 2024.04.02
Test Required : pH, TOC, Total Hardness as CaCO₃, Total Alkalinity as CaCO₃, Moisture Content, Volatile residue, Iron, Cadmium, Cobalt, Copper, Lead, Manganese, Nickel, Zinc, Mercury, Total Chromium and Hexavalent Chromium;
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sr.No.	TEST PARAMETERS	UOM	ETP SLUDGE
1	pH	-	8.56
2	Total Organic Carbon	%	1.63
3	Total Hardness as CaCO ₃	mg/kg	496
4	Total Alkalinity as CaCO ₃	mg/kg	110
5	Moisture Content	%	52.3
6	Volatile Residue	%	45.4
7	Fixed Residue (Ash)	%	7.9
8	Chlorides	mg/kg	5163
9	Arsenic as (As)	mg/kg	1.48
10	Cobalt as Co	mg/kg	19.6
11	Lead as Pb	mg/kg	43.4
12	Nickel as Ni	mg/kg	6.32
13	Copper as Cu	mg/kg	1758.3
14	Total Chromium as Cr	mg/kg	32.4
15	Zinc as Zn	mg/kg	465.7
16	Hexavalent Chromium as Cr ⁶⁺	mg/kg	<0.1
17	Mercury as Hg	mg/kg	<0.01
18	Iron as Fe	%	0.56
19	Cadmium as Cd	mg/kg	<0.1
20	Manganese as Mn	mg/kg	68.2
21	Bulk density	g/cc	1.19
22	Calorific Value	Kcal/Kg	3874

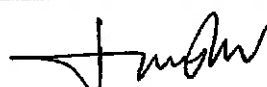
Method of Testing: As per USEPA 3050B, 3060 A, 7196 & ASTM D 5198

ICP OES Calibrated on: 28/12/2023, Calibration Due date: 24/06/2024; (ID No.: VLS-NT/ICP-OES/01)

pH, Total Alkalinity, Chlorides are analyzed in 1:5 water extraction solution

END OF THE TEST REPORT

Name and Designation of Authorized Signatory


Dr. SUBBAREDDY MALLAMPATI
Manager-Environment

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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/23/15669/Sludge/01****Issue Date : 2023.12.18****P.O. Number : 15360264****P.O. Date : 08-04-2023****Page No: 1 of 1****Sample Particulars: ETP SLUDGE**

Samples Registered on : 2023.12.06 Sampling date on : 2023.12.05
Analysis started on : 2023.12.06 Analysis Completed on : 2023.12.18
Test Required : pH, TOC, Total Hardness as CaCO₃, Total Alkalinity as CaCO₃, Moisture Content, volatile residue, Iron, Cadmium, Cobalt, Copper, Lead, Manganese, Nickel, Zinc, Mercury, Total Chromium and Hexavalent Chromium.
Samples Collected by Vimta Labs Limited. LAB REF.: EC;

TEST REPORT

Sr.No.	TEST PARAMETERS	UOM	ETP SLUDGE
1	pH	-	8.17
2	Total Organic Carbon	%	1.98
3	Total Hardness as CaCO ₃	mg/kg	587
4	Total Alkalinity as CaCO ₃	mg/kg	124
5	Moisture Content	%	54.3
6	Volatile Residue	%	46.5
7	Fixed Residue (Ash)	%	8.2
8	Chlorides	mg/kg	6458
9	Arsenic as (As)	mg/kg	1.64
10	Cobalt as Co	mg/kg	27.5
11	Lead as Pb	mg/kg	48.4
12	Nickel as Ni	mg/kg	7.36
13	Copper as Cu	mg/kg	1862.3
14	Total Chromium as Cr	mg/kg	29.4
15	Zinc as Zn	mg/kg	587.6
16	Hexavalent Chromium as Cr ⁺⁺	mg/kg	<0.1
17	Mercury as Hg	mg/kg	<0.01
18	Iron as Fe	%	0.43
19	Cadmium as Cd	mg/kg	<0.1
20	Manganese as Mn	mg/kg	76.4
21	Bulk density	g/cc	1.17
22	Calorific Value	Kcal/Kg	3862

Method of Testing: As per USEPA 3050B, 3060 A, 7196 & ASTM D 5198

ICP OES Calibrated on: 03/07/2023, Calibration Due date: 25/12/2023; (ID No.: VLS-NT/ICP-OES/01)

pH, Total Alkalinity, Chlorides are analyzed in 1:5 water extraction solution

END OF THE TEST REPORT**Name and Designation of Authorized Signatory**

Dr. SUBBAREDDY MALLAMPATI
Dy. Manager-Environment

Life Sciences Campus, # 5, MN Science & Technology Park, Genome Valley, Shamirpet, Hyderabad - 500 101, Telangana, India

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CIN : L24110TG1990PLC011977

Annexure – VIII

Awareness related to single use plastic

Annexure – IX

Test report of Noise Monitoring

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ISSUED TO:

ASIAN PAINTS LIMITED

PLOT NO: 50-55

IDA, PHASE II PATANCHERU

MEDAK

A.P. INDIA

Report Number : VLL/VLS/23/18968/N/001

Issue Date : 2024.02.05

P.O. No. : 15360264

P. O. Date : 2023.04.08

Sample Particulars: NOISE MONITORING AT EXTERNAL AREA

Page 1 of 2

Sample Registration Date: 2024.02.01

Data collection Date : 2024-01-02 to 2024-01-31

SAMPLE COLLECTED BY VIMTA LABS LTD

LAB REF.: EC

NOISE RESULTS

SL.NO	LOCATION	UNIT	DAY	NIGHT
1	DG AREA			
	Maximum	dB(A)	58.9	51.8
	Minimum	dB(A)	53.2	46.2
	Average	dB(A)	56.0	49.0
2	MAIN GATE			
	Maximum	dB(A)	60.1	53.7
	Minimum	dB(A)	55.2	52.3
	Average	dB(A)	57.0	53.0
3	WBU GATE			
	Maximum	dB(A)	58.9	52.1
	Minimum	dB(A)	56.1	50.2
	Average	dB(A)	57.5	51.1
4	RO PLANT			
	Maximum	dB(A)	61.4	56.2
	Minimum	dB(A)	58.8	51.3
	Average	dB(A)	60.1	53.7
5	ETP BLOWER AREA			
	Maximum	dB(A)	64.3	57.7
	Minimum	dB(A)	60.1	54.1
	Average	dB(A)	62.2	55.9
6	MEDIUM TANK YARD			
	Maximum	dB(A)	65.2	58.9
	Minimum	dB(A)	56.6	43.4
	Average	dB(A)	60.9	51.1
7	FABRICATION SHED			
	Maximum	dB(A)	56.3	41.3
	Minimum	dB(A)	52.5	37.4
	Average	dB(A)	54.4	39.1
8	WBU ROOTS BLOWER SHED			
	Maximum	dB(A)	64.3	54.3
	Minimum	dB(A)	57.7	45.3
	Average	dB(A)	61.0	49.8
9	WBU TANK FORM			
	Maximum	dB(A)	64.3	50.2
	Minimum	dB(A)	57.8	47.6
	Average	dB(A)	61.0	48.9
10	NITROGEN PLANT			
	Maximum	dB(A)	60.2	45.9
	Minimum	dB(A)	54.4	44.6
	Average	dB(A)	57.3	47.2

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CIN : L24110TG1990PLC011977

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Report Number : VLL/VLS/23/18968/N/001

Issue Date : 2024.02.05

P.O. No. : 15360264

P. O. Date : 2023.04.08

Sample Particulars: NOISE MONITORING AT EXTERNAL AREA

Page 2 of 2

Sample Registration Date: 2024.02.01

Data collection Date : 2024.01.02 to 2024-01-31

SAMPLE COLLECTED BY VIMTA LABS LTD

LAB REF.: EC

NOISE RESULTS

SL NO	LOCATION	UNIT	DAY	NIGHT
1	SBU PACKING FLOOR			
	Maximum	dB(A)	58.4	51.5
	Minimum	dB(A)	53.8	44.3
	Average	dB(A)	56.1	47.7
2	SBU PROCESSING AREA			
	Maximum	dB(A)	60.2	48.4
	Minimum	dB(A)	56.3	44.3
	Average	dB(A)	58.2	52.6
3	SBU SAND MILL LOAD			
	Maximum	dB(A)	62.8	50.2
	Minimum	dB(A)	59.6	46.6
	Average	dB(A)	61.2	52.4
4	AMC CHARGING AREA 1SD-P207			
	Maximum	dB(A)	67.4	55.3
	Minimum	dB(A)	66.1	51.4
	Average	dB(A)	66.7	54.1
5	WTSD AREA			
	Maximum	dB(A)	65.3	56.7
	Minimum	dB(A)	64.4	53.2
	Average	dB(A)	61.9	57.3
6	WBU-PUG MILL AREA			
	Maximum	dB(A)	65.5	58.9
	Minimum	dB(A)	58.4	49.8
	Average	dB(A)	61.9	49.5
7	WBU-EPS CHARGING AREA			
	Maximum	dB(A)	56.2	49.8
	Minimum	dB(A)	53.3	47.5
	Average	dB(A)	54.7	43.6
8	WBU PACKING AREA			
	Maximum	dB(A)	62.1	48.9
	Minimum	dB(A)	54.3	46.1
	Average	dB(A)	58.2	51.3
9	IPUN SPRAY BOOTH AREA			
	Maximum	dB(A)	61.2	50.0
	Minimum	dB(A)	56.4	47.8
	Average	dB(A)	58.8	48.9
10	RH THERMOPACK AREA			
	Maximum	dB(A)	61.4	50.2
	Minimum	dB(A)	57.6	45.4
	Average	dB(A)	59.5	47.8

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CIN : L24110TG1990PLC011977

Annexure – X

Environmental Budget

Environmental Expenditure (FY 2023-2024)

A) Revenue Investments	Budget	Expenditure
Environmental Monitoring	14,15,732	1230745
HW Disposal	2092828	1085465
EHS Facilities Operation	4870524	3963091
Sub-total (A)	8379084	6279301
B) Capital Investments		
Gate Cameras to meet TSPCB Requirement	151000	146000
Revamping of MEE structure and Cable trays	718000	716000
Replacement of Tin crusher	479000	474000
Industrial Effluent Tank Revamping	1986000	1919000
Elevated Platform for HW storage	963000	962000
Primary settler replacement	1838000	1836000
Sub – Total (B)	6135000	6053000
Grand Total	14514084	12332301