

# Vaikunth Viduit Dahini Stack Emission Monitoring R\_20250818\_144602

DOCUMENT: Vaikunth Viduit Dahini Stack Emission Monitoring R\_20250818\_144602

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GAD ARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.1.D.C. Kudal, Taluka - Kudal, District - Sindhudurg -  
416 525.

Tel. : (02362) 223519 \* E-mail: info@gadark.in \* Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West),  
Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 + +91 93213 12367

TEST REPORT

No. GL/K/1156/25

Date 16/02/2025

Orgnaistion -: M/s. KALYANI ENTERPRISES

PLOT NO. 30/10, F-II BLOCK, MIDC PIMPRI, PUNE-411 018.

SITE = VAIKUNTH VIDUIT DAHINI

NAVI PETH.PUNE MUNICIPAL CORPORATION PUNE

EFFICIENCY OF NEERI SCRUBBER SYSTEM : VIDUIT DAHINI 1,2 &3

Ambient Temperature (°C) 13]

Duration of Sample collection (Min) ee

Stack Height (Meter) 30.5

Location of Sampling Scrubber System Inlet Scrubber System

Outlet

Area (sq.m.) 0.15906 0.6363

Date of Sample collection 10/02/2025 10/02/2025

Time of Sampling (Hrs 13:55 13:55

Temperature of flue gas (°C) 390 | wi

Average Velocity of flue gas (m/s | tee 6.6 5.3

Average volume of flue gas Discharged (m<sup>3</sup>/hr) 5750 12140

Average volume of flue gas Discharged (Nm<sup>3</sup>/hr) 2584 10864

Total Volume of flue gas Sampled (Lit at 25°C) 644 724

Weight of Total Particulate Matter collected (mg) 295.3 11.4

Concentration of Total Particulate Matter in the flue gas 458.6 15.7  
(mg/Nm<sup>3</sup>)

Efficiency of Scrubber (% 97.58

DRAIN WATER COLOUR : 4.0 Hyzen unit

For GADARK LAB PVT. LTD.

Arson e Do

AUTHORISED SIGNATORY [SACHIN B. GAONKAR] CHECKED BY

Recognised by Central Pollution Control Board (MoEF and CO, Govt, of India),  
under the EPAct, 1986,

valid upto 21 st August 2025. ISO 9001 : 2015 and ISO 45001 : 2018 Certified.

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## TEST REPORT

No. K/1155 Contd.

Date 16/02/2025

Organisation : M/s. KALYANI ENTERPRISES

PLOT NO. 30/10, F-II BLOCK,

MIDC PIMPRI, PUNE-411 018.

SITE : VAIKUNTH VIDUIT DAHINI NAVI PETH,

PUNE MUNICIPAL, CORPORATION PUNE

EFFICIENCY OF NEERI SCRUBBER SYSTEM: VIDUIT DAHINI 1,2 &3

Date of Sample collection 10/02/2025

[Time of Sampling (Hrs 13:55

Volume of flue gas Sampled (Lit at 25°C) 38.2

Location of Sampling Scrubber System Outlet LIMITS

Concentration of Particulate Matter (mg/Nm<sup>3</sup>) 15.7 (5000

Concentration of Hydrochloric Acid (HCL) (mg/Nm<sup>3</sup>) Below Detectable Limit | 500

(Concentration of Hydrogen Fluoride (HF) (mg/Nm<sup>3</sup>) Below Detectable Limit | 40

Concentration of Sulphur Dioxide (SO<sub>2</sub>) (mg/Nm<sup>3</sup>) Below Detectable Limit | 2000

(Concentration of Oxides of Nitrogen (NO<sub>x</sub>) (ppm) 3.9 400.0

(Concentration of Lead (Pb) (mg/Nm<sup>3</sup>)

Below Detectable Limit Not Specified

(Concentration of Mercury (Hg) Compounds as (Hg)

(mg/Nm<sup>3</sup>)

Below Detectable Limit Not Specified

Concentration of Hydrocarbon (HC) (mg/Nm<sup>3</sup>)

Below Detectable Limit Not Specified

Concentration of Carbon Monoxide (CO) (mg/Nm<sup>3</sup>)

Below Detectable Limit 100.0

Remarks :- All the results are well within prescribed Common Hazardous Waste  
CPCB Limits.

For GADARK LAB PVT. LTD.

AUTHORISED SIGNATORY

[SACHIN B. GAONKAR]

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