



# MSV Analytical Laboratories

Recognition by MoEF Under Environment (Protection) Act, 1986  
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)  
Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169  
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com Website : www.msvbellary.com

MSVAL/SE/RF/01/00

## ANALYSIS REPORT FOR SOURCE EMISSION

- Name and Address of the Industry** : M/s. MATHIAS OCEAN PARK RESIDENCY  
Survey No. 249/1 - A, Opp. NIO Colony, Dona - Paula, Taliegao,  
Tiswadi - Goa
- Sample Collected By** : Representative of MSV Analytical Laboratories
- Date of Monitoring** : 17.02.2024
- Date of Sample Receipt** : 17.02.2024
- Analysis Starting Date** : 19.02.2024
- Analysis Completion Date** : 21.02.2024
- Report Issue date** : 21.02.2024

Discipline: Chemical      Group: Atmospheric Pollution      Sub Group: Stack Emission      ULR No: MSVAL/2024/1128

### STACK DETAILS

Instrument used for Sampling	Sample collected with VSS _1
Stack attached to	DG set 125KVA-1
Shape	Round
Height (mtr)	22 Mtr AGL
Diameter (mtr)	0.1
Stack Temperature (°C)	162
Velocity (m/s)	6.52
Volumetric Flue Gas Flow Rate (Nm <sup>3</sup> /Hr)	184.36
Type of Fuel	H.S.D
Fuel Consumption (lit/hr)	12
Load (KVA)	100

### RESULTS

Parameters	Result	Limits	Unit	Protocol
Particulate Matter	0.11	0.3	g/kw-hr	IS:11255 (Part-1)
Sulphur dioxide (SO <sub>2</sub> )	0.17	0.9	Kg/hr	IS:11255 (Part-2)
Nitrogen dioxide (NO <sub>2</sub> )	0.12	9.2	g/kw-hr	IS:11255 (Part-7)
Carbon Monoxide (CO)	0.10	3.5	g/kw-hr	By Flue Gas Analyzer
Hydrocarbons (HC)	0.06	1.3	g/kw-hr	By Flue Gas Analyzer

Limits: As per GSPCB consent order

INFERENCE	The analyzed values for above measured parameters are within the limits specified in GSPCB consent order
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Authorized Signatory

Hanumanthaiah. P  
Technical Manager

:- END OF REPORT:-



- Note:
- The results listed only to the tested samples & applicable parameters.
  - Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
  - This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
  - Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
  - Sampling is not done by us unless otherwise specified.



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Discipline: Chemical    Group: Atmospheric Pollution    Sub Group: Stack Emission    ULR No: MSVAL/2024/1129

### STACK DETAILS

Instrument used for Sampling	Sample collected with VSS_1
Stack attached to	DG set 125KVA-2
Shape	Round
Height (mtr)	22 Mtr AGL
Diameter (mtr)	0.1
Stack Temperature (°C)	166
Velocity (m/s)	6.64
Volumetric Flue Gas Flow Rate (Nm <sup>3</sup> /Hr)	187.24
Type of Fuel	H.S.D
Fuel Consumption (lit/hr)	12
Load (KVA)	100

### RESULTS

Parameters	Result	Limits	Unit	Protocol
Particulate Matter	0.09	0.3	g/kw-hr	IS:11255 (Part-1)
Sulphur dioxide (SO <sub>2</sub> )	0.15	0.9	Kg/hr	IS:11255 (Part-2)
Nitrogen dioxide (NO <sub>2</sub> )	0.14	9.2	g/kw-hr	IS:11255 (Part-7)
Carbon Monoxide (CO)	0.10	3.5	g/kw-hr	By Flue Gas Analyzer
Hydrocarbons (HC)	0.08	1.3	g/kw-hr	By Flue Gas Analyzer

Limits: As per GSPCB consent order

INFERENCE	The analyzed values for above measured parameters are within the limits specified in GSPCB consent order
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Authorized Signatory

Hanumanthaiah. P  
Technical Manager

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