



# GENERAL ANALYTICAL LABORATORY

Estd.: 1977

ANALYSTS AND CONSULTANTS  
EMPANELLED BY KARNATAKA STATE POLLUTION CONTROL BOARD  
Analysts of Industrial Effluent, Water, Air Pollution and Noise Pollution



**ISO 14001-2004 Certified Laboratory**

Managing Director  
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## TEST REPORT

**TESLAENERGY PVT LTD**  
# 1269, 3rd Floor, 1st Block,  
BEL Layout, Vidyanarayapura  
Bangalore - 560097

TRNO: GAL/TR/SRF/150133

### ANALYSIS REPORT OF SOURCE EMISSION

Stack Diameter	0.08 mts
Stack Cross Sectional Area	0.005 m <sup>2</sup>
Temperature of Flue Gas	34.4°C
Ambient Temperature	30°C
Velocity of Flue Gas	6.4 mts/sec

#### Results:

Sl. No	Parameter	Protocol	Unit	Results	Standards
01	Particulate Matter (at NTP)	IS 11255(part 1)	mg/Nm <sup>3</sup>	125	150
02	Discharge Rate (at NTP)	IS 11255(part 3)	Nm <sup>3</sup> /hrs.	113.0	NS
03	Emission Rate (at NTP)	-----	Kg/hrs	0.014	NS
04	Sulphur Dioxide(SO <sub>2</sub> )	Flue gas Analyzer	mg/Nm <sup>3</sup>	6.0	NS
05	Oxide of Nitrogen(NO <sub>x</sub> )	Flue gas Analyzer	mg/Nm <sup>3</sup>	78.00	NS
06	Oxygen (O <sub>2</sub> )	Flue gas Analyzer	%	7.6	NS
07	Carbon Monoxide (CO)	Flue gas Analyzer	mg/Nm <sup>3</sup>	11.4	NS
08	Carbon Dioxide (CO <sub>2</sub> )	Flue gas Analyzer	%	12.1	NS

Note: NS-Not Specified

Analyzed By

Verified By

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