



# CIVIL TECH LABORATORY

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## TEST REPORT

(This Report is not valid without a Hologram)

Format No.: CTL/F/7.8/01

Letter Ref. No.: CTR, Dated. 23/11/2024

Sample Description: Stack Emission- 5KVA (Left Bank)

Issued To,

The Executive Engineer

Construction Division

PWD, Nainital (Uttarakhand)

Location of Performance of Test: At Site

Date of Performance of Test: 21/11/2024

Addition to Documentation or Exclusion from the Method: NA

Name of Work: Construction of 120 mtr span double lane RCC prestress concrete bridge over Sher Nalain Km 82 of Ramnagar Kaladhungi Haldwani Kathgodam Chor gallia Sitarganj Bijti Motor Road in District Nainital.

Agreement No.: 08/U-PREPARE/13/BR/RFB/UGRIDP/2023 Dt.03.07.2024

Name of Agency: M/s Laxmidatt Binval, Near PWD office Lohaghat, Dist- Champavat, Uttarakhand.



Report Number: CTL/MECH/241123003

Date of Report: 27/11/2024

Job Order No.: 240730003

Sample Quantity: 1 Nos.

Sample Condition: Satisfactory

Environment Condition (Temp. & RH) : 25±5°C & NA

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1.	Name & Address Of The Party	Laxmidatt Binval, Near PWD office Lohaghat, Dist- Champavat, Uttarakhand
2.	Name of Plant & Section	D.G. Kirloshker Engineers Ltd.
3.	Emission Source Monitored	D.G. Stack
4.	Type Of Fuel Used	Diesel
5.	Stack Identification	5 KVA
6.	Normal Operating Schedule(Hr/Day)	As and when required
7.	Location of Sampling Point	3 meters
8.	Type Of Chimney (Acc/Metal)	Metal
9.	Stack Height(Meters) From Source Of Emission From Roof Level From Ground Level	- 1.5 3.0
10.	Diameter Of Stack (Cm)	15.0
11.	Sampling Duration(Minutes)	30.0
12.	Parameters Monitored	PM, SO <sub>2</sub> , NO <sub>x</sub> , CO, HC
13.	Purpose Of Monitoring	Assessment of Pollution load
14.	Product Manufactured	Generation of Electricity
15.	Control Measures (If Any)	Nil
16.	Recovery Of Material (If Any)	Nil
17.	General Sensory Observation	Normal
18.	Fuel Wise Emission (If Any)	Nil
19.	Stack Temperature (Degrees C)	1745
20.	Average Stack Velocity (M/sec)	10.8
21.	Ambient Temperature (Degrees C)	29.0
22.	Quantity Of Emission (Nm <sup>3</sup> /Hr)	324



(1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied. (2) Total Liability of our Lab is limited to the invoiced amount. (3) Samples will be destroyed after 30 days from the date of testing unless otherwise specified. (4) This report is not be reproduced wholly or in part and can not be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing. (5) Report refer to the sample submitted to us and not drawn by Civil Tech Laboratory unless Mentioned otherwise.

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