



# 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: Ambient Air (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

Report Number: CTL/MECH/241123001  
 Date of Report: 27/11/2024  
 Job Order No.: 241123001  
 Sample Quantity: 1 Nos.  
 Sample Condition: Satisfactory  
 Environment Condition (Temp. & RH) : 25±5°C & NA

Addition to Deviation 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 Chorgallia Sitarganj Bijti Motor Road in District Nainital.

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

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

Location of The Sampling Point	Sher Nala
Date of Sampling	21.11.2024 to 21.11.2024
Sampling Started At	12:00 P.M. Dated: 21.11.2024
Sampling Completed At	08:00 P.M. Dated: 21.11.2024
Actual Time of Sampling (Min)	480
Average Flow Rate for Spm (M3/Min)	1.24
Total Volume of Air Sampled For Spm(M3)	595.2 for PM10 & 21.2 for PM2.5
Average Ambient Temperature (Degree C )	29

S. No.	Parameters	Test Method	RESULTS	LIMITS As Per CPCB
1	SPM ( $\mu\text{g}/\text{m}^3$ )	IS: 5182 (Part-23) 2012	159	-
2	RSPM ( $\mu\text{g}/\text{m}^3$ )	Gravimetric	87.0	100
3	Nitrogen Dioxide as $\text{NO}_2$ , ( $\mu\text{g}/\text{m}^3$ )	IS: 5182 (Part-6) 2012	55.0	80
4	Sulphur Dioxide as $\text{SO}_2$ , ( $\mu\text{g}/\text{m}^3$ )	IS: 5182 (Part-2) 2012	27.8	80
5	Hydrocarbon as $\text{CH}_4$ , ( $\mu\text{g}/\text{m}^3$ )	APHA- 101	N.D.	--

Reviewed By  
 Bhartendu Choudhary  
 Lab In Charge

\*\*\* End of Report



(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.

An ISO : 9001 : 2015 & ISO 14001 : 2015 Certified Laboratory