



CIVIL TECH LABORATORY

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Format No.: CTL/F/7.8/01

TEST REPORT

(This Report is not valid without a Hologram)

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

Sample Description: Ambient Air (Right Bank)

Issued To,

The Executive Engineer

Construction Division

PWD, Nainital (Uttarakhand)

Location of Performance of Test: At Site

Date of Performance of Test: 22/11/2024

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-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/241123005

Date of Report: 27/11/2024

Job Order No.: 240730005

Sample Quantity: 1 Nos.

Sample Condition: Satisfactory

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



Location of The Sampling Point	Sher Nala	
Date of Sampling	22.11.2024 to 22.11.2024	
Sampling Started At	11:00 P.M.	Dated: 22.11.2024
Sampling Completed At	07:00 P.M.	Dated: 22.11.2024
Actual Time of Sampling (Min)	480	
Average Flow Rate for Spm (M3/Min)	1.24	
Total Volume of Air Sampled For Spm(M3)	595.0 for PM10 & 21.3 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	164	-
2	RSPM ($\mu\text{g}/\text{m}^3$)	Gravimetric	86.0	100
3	Nitrogen Dioxide as NO ₂ , ($\mu\text{g}/\text{m}^3$)	IS: 5182 (Part-6) 2012	56.0	80
4	Sulphur Dioxide as SO ₂ , ($\mu\text{g}/\text{m}^3$)	IS: 5182 (Part-2) 2012	28.3	80
5	Hydrocarbon as CH ₄ , ($\mu\text{g}/\text{m}^3$)	APHA- 101	N.D.	--

Reviewed By
Bhartendu Choudhary
Lab In Charge

*** End of Report

Auth. Sign.
Subrat Kumar Sada
Quality Manager

(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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