



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

(An ISO : 9001 : 2015, 14001 : 2015 & ISO 45001 : 2018 & NABL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured Future

TEST CERTIFICATE

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TEST REPORT

To
M/s Madhav KRG Limited.,
(Previously Known as Madhav alloys Pvt. Ltd.)
Village- Akalgarh, Mandi, Gobindgarh (Pb).

Report No.	AAQ-130421-20	Report Date	20.04.2021
Your Ref. No	Nil	Type of sample	Ambient Air Sample
Sample Code Given by Customer	Nil	Date of sampling	12.04.2021
Sampling Location	Within Premises	Date of Sample Receipt	13.04.2021
Sample Collected By	Lab Person	Sample I.D.	Nil
Sampling procedure	As per SOP	Date of test	13.04.2021 to 20.04.2021

TECHNICAL DATA

1	Location of Sampling Station	Near Stack Area
2	Instrument Used for Sampling	Respirable Dust Sampler
3	Source of Sampling	Ambient Air Sample
4	Temperature of Sampling Location	34°C
5	Environmental Condition	Max temp. 36°C
		Min temp. 16°C
		Clear sky and wind direction west to east
6	Flow Rate of Sampling	0.5 LPM
7	Time Period for Sampling	480Minutes
8	Volume of Air Sampled	0.24 m ³

Sr.N.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1.	Respirable suspended particulate matter (PM ₁₀)	88	100.0 µg/m ³	IS:5182(Pt-23):2006, Reaffirmed 2017
2.	Sulphur dioxide (SO ₂)	14	80.0 µg/m ³	IS:5182(Pt-2):2001, Reaff. 2017
3.	Nitrogen dioxide (NO ₂)	22	80.0 µg/m ³	IS:5182(Pt-6):2006, Reaff. -2017
4.	Fine particulate matter (PM _{2.5})	49	60.0 µg/m ³	IS:5182(Pt-24):2019
5.	CO (One Hours)	ND	2.0 mg/m ³	IS:5182(P-10)
6.	Nickel (Ni)	ND	20.0 ng/m ³	LAB SOP BY AAS
7.	Arsenic (As)	ND	6.0 ng/m ³	LAB SOP BY AAS
8.	Lead (Pb)	ND	1.0 µg/m ³	LAB SOP BY AAS
9.	Benzene (C ₆ H ₆)	ND	5.0 µg/m ³	LAB SOP BY G.C
10.	Benzo(a)pyrene (BaP)	ND	1.0 ng/m ³	LAB SOP BY G.C
11.	Ammonia (NH ₃)	ND	400.0 µg/m ³	CPCB Guideline
12.	Ozone (O ₃)	ND	100.0 µg/m ³	CPCB Guideline

Note: ND denotes NOT Detectable

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

Checked By

End of Report

(Authorized Signatory)

NTL

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttrakhand

Branch Office : Gayatri Nagar. Katgodam, Haldwani, Uttrakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com