

Environ Tech Laboratories

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PPCB Approved/ OHSAS 45001:2018

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GSTIN : 03BPEPS9693P1ZV
PAN No. BPEPS9693P

DISPATCH No:-ETL/DSP/

Date:- 25/5/20

Page 1 of 1

TEST REPORT

To

M/s Madhav Alloys Limited,
Village- Abelgarh, Mandi, Gobindgarh (Pb).

Report No.	ETL/44/2020/O/206444V	Report Date	25.05.2020
Your Ref. No	Nil	Type of sample	Ambient Air Sample
Sample Code Given by Customer	Nil	Date of sampling	15.05.2020
Sampling Location	Within Premises	Date of Sample Receipt	16.05.2020
Sample Collected By	Lab Person	Sample I.D.	ETL/32/2019-20/O/644V
Sampling procedure	As per SOP	Date of test	16.05.2020 to 25.05.2020

TECHNICAL DATA

1	Location of Sampling Station	Near Admin Block
2	Instrument Used for Sampling	Respirable Dust Sampler
3	Source of Sampling	Ambient Air Sample
4	Temperature of Sampling Location	28°C
5	Environmental Condition	Max temp. 36°C Min temp. 22°C Clear sky and wind direction west to east
6	Flow Rate of Sampling	1.0 LPM
7	Time Period for Sampling	480Minutes
8	Volume of Air Sampled	0.48 m ³

Sr.N.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1.	PM ₁₀	78	100.0 µg/m ³	IS:5182(P-23):2006 Reaff. 2017
2.	SO ₂	05	80.0 µg/m ³	IS:5182(P-2):2001 reaff 2017
3.	NO ₂	08	80.0 µg/m ³	IS:5182(P-6):2006, Reaff 2017
4.	PM _{2.5}	40	60.0 µg/m ³	ETL/SOP/02 Section-4
5.	CO	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.

Analyzed By



Checked By

End of Report

(Authorized Signatory)

AJEEET SINGH
Dy. Technical Manager
Environ Tech Laboratories