

IND RESEARCH & DEVELOPMENT HOUSE PVT. LTD.



NABL Accredited & MoEF&CC Recognized Laboratory
(ISO 9001:2015/ISO14001:2015/OHSAS 18001:2007)

C-10, 2nd Floor, Sector-6, Noida-201301 (U.P.)
Tel. : +91 120 4215489, E-mail : contact.irdh@gmail.com

TEST REPORT (Ambient Air)

Report No	IRDH-0620-COM-AAQ-136
Date of Reporting	26/06/2020
Issued to	M/s Ind Tech House Consult, G-8/6, Ground Floor, Sector-11, Rohini, Delhi-110085
Project Name	Group Housing project Mahindra Luminare at Village- Behrampur, Sector -59, Gurgaon, Haryana, by M/sBase ExportPvt. Ltd.
Location	Project site
Date of Sampling	16/06/2020 To 17/06/2020
Type of Monitoring	Ambient Air Monitoring
Parameters to be sampled	PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ , CO
Weather condition	Clear sky
Method of sampling	As per standard Method
Duration of Monitoring	24 hourly

RESULTS

S.No	Parameter	Method	Results	Unit	Requirement (CPCB limits)*
1.	Particulate Matter as PM _{2.5}	IRDH/SOP/AAQM/01	74.0	µg/m ³	60
2.	Particulate Matter as PM ₁₀	IS 5182 P- 23 (2006)	153.0	µg/m ³	100
3.	Sulphur dioxide as SO ₂	IS 5182 P-02 (2001)	09.4	µg/m ³	80
4.	Nitrogen dioxide as NO ₂	IS 5182 P-06 (2006)	21.6	µg/m ³	80
5.	Carbon monoxide as CO	IRDH/SOP/AAQM/08	<1.0	mg/m ³	4.0

*Gazette notification published by MoEF&CC, New Delhi on 18 Nov. 2009

End of Report


Dr. SNA Rizvi
Authorized Signatory



1- Test Report is limited to the invoice raised

2- Test Report cannot be reproduced in a part or as whole in court without laboratory permission.

3- Samples shall be retained for 4 weeks after test report submitted.

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TEST REPORT (Ambient Noise)

Report No	IRDH-0620-COM-ANQ-136
Date of Reporting	26/06/2020
Issued to	M/s Ind Tech House Consult, G-8/6, Ground Floor, Sector-11, Rohini, Delhi-110085
Project Name	Group Housing project Mahindra Luminare at Village- Behrampur, Sector -59, Gurgaon, Haryana, by M/sBase ExportPvt. Ltd.
Location	Project site
Date of Sampling	16/06/2020 To 17/06/2020
Type of Monitoring	Ambient Noise Monitoring
Method of sampling	As per standard Method
Sampling Protocol	IRDH/SOP-NS/22
Duration of Monitoring	24 hourly
Sample drawn by	IR&DH Laboratory

RESULTS All values are in dB (A)

Sr. No.	Locations	Day Time (Lday) 06:00AM - 10:00PM	Night Time (Nlight) 10:00PM - 06:00AM
ANQ -1	Project site	52.7	40.5

CPCB Limits			
Sr. No		Day Time	Night Time
1.	Industrial area	75	70
2.	Commercial area	65	55
3.	Residential area	55	45
4.	Silence Zone	50	40

End of Report

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TEST REPORT (Soil)

Report No. :	IRDH-0620-COM-SL-136
Date of Reporting	26/06/2020
Issued to	M/s Ind Tech House Consult, G-8/6, Ground Floor, Sector-11, Rohini, Delhi-110085
Project Name	Group Housing project Mahindra Luminare at Village- Behrampur, Sector -59, Gurgaon, Haryana, by M/sBase ExportPvt. Ltd.
Nature of Sample	Soil
Identification of Sample	Soil sample collected from Project area
Date of Sampling	16/06/2020
Method of sampling	USDA method
Date of testing:	16/06/2020 To 25/06/2020
Sampled by	IR&DH - Team

RESULTS

S.No.	Parameter	Test Method	Results	Unit
1.	pH	IS 2720 P-26 (1987)	8.18	--
2.	Conductivity	IS 14767 (RA 2016)	318.0	µS/cm
3.	Moisture	IS 2720 P-25(1972)	8.24	% by mass
4.	Water Holding Capacity	IRDH/SOP-SL/07	19.5	%
5.	Specific Gravity	IS 2720 P-3 (1980)	1.95	-
6.	Bulk density	IRDH/SOP-SL/06	1.39	gm/cc
7.	Chloride	IRDH/SOP-SL/14	388.0	mg/kg
8.	Calcium	IRDH/SOP-SL/17	1226.0	mg/kg
9.	Sodium	IRDH/SOP-SL/11	141.0	mg/kg
10.	Potassium	IRDH/SOP-SL/12	46.4	mg/kg
11.	Magnesium	IRDH/SOP-SL/16	221.0	mg/kg
12.	Organic matter	IS 2720 P-22 (1972)	0.54	% by mass
13.	Cation Exchange Capacity(CEC)	IRDH/SOP-SL/09	14.2	meq/100gm
14.	Available nitrogen	IS 14684	28.6	mg/kg
15.	Available Phosphorous	IRDH/SOP-SL/10	8.1	mg/kg

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S.No.	Parameter	Test Method	Results	Unit
16.	Texture	IRDH/SOP-SL/08		% by mass
	Sand		61.6	
	Clay		24.5	
	Silt		13.9	
17.	Sodium Absorption Ratio(SAR)	IRDH/SOP-SL/13	0.97	By calculation

End of Report


The stamp is circular with the text 'Ind Research & Development House Private Limited' around the perimeter and 'Quality Manager' in the center. The signature is written in black ink over the stamp.

Dr. SNA Rizvi
Authorized Signatory

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