

IND RESEARCH & DEVELOPMENT HOUSE PVT. LTD.



(ISO 9001:2015/ISO14001:2015/OHSAS 18001:2007)

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TEST REPORT (Ambient Air)

Report No	IRDH-1920-IREO-AAQ-79
Date of Reporting	19/07/2019
Issued to	M/s KSS Properties Private Limited, 305, 3 rd Floor, Kanchan House, Karampura Commercial Complex, New Delhi-110015
Project Name	Expansion for Group Housing Project-Expansion(25.612 Acres)at Sector-67, Village Maidawas & Badshapur, Gurgaon(Haryana)
Location	Project Site
Date of Sampling	04/07/2019 To 05/07/2019
Type of Monitoring	Ambient Air Monitoring
Parameters to be sampled	PM _{2.5} , PM ₁₀ , SO ₂ , NO ₂ , CO, O ₃ , Pb, NH ₃ , C ₆ H ₆ , Benzo α Pyrene, As, Ni
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	76.0	$\mu\text{g}/\text{m}^3$	60
2.	Particulate Matter as PM ₁₀	IS 5182 P- 23 (2006)	181.0	$\mu\text{g}/\text{m}^3$	100
3.	Sulphur dioxide as SO ₂	IS 5182 P-02 (2001)	12.0	$\mu\text{g}/\text{m}^3$	80
4.	Nitrogen dioxide as NO ₂	IS 5182 P-06 (2006)	26.0	$\mu\text{g}/\text{m}^3$	80
5.	Carbon monoxide as CO	IRDH/SOP/AAQM/08	0.85	mg/m^3	4.0(1 Hourly)
6.	Ozone (as O ₃)	IS:5182(Part-9)	11.0	$\mu\text{g}/\text{m}^3$	100 (8 Hourly)
7.	Lead (Pb)	IS:5182(Part-22)	<0.1	$\mu\text{g}/\text{m}^3$	1
8.	Ammonia (NH ₃)	SOP:IRDH/SOPAAQM/09	25.0	$\mu\text{g}/\text{m}^3$	400
9.	Benzene (C ₆ H ₆)*	IS:5182(Part-11)	<1.0	$\mu\text{g}/\text{m}^3$	5
10.	Benzo α Pyrene	IS:5182(Part-12)	<1.0	ng/m^3	1
11.	Arsenic (As)	SOP: IRDH/SOPAAQM/06	<1.0	ng/m^3	6
12.	Nickel (Ni)	SOP: IRDH/SOPAAQM/07	<1.0	ng/m^3	20

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

End of Report

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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