



Sophisticated Industrial Materials Analytic Labs. Pvt. Ltd.

AN ISO 9001 CERTIFIED, MoEF & BIS RECOGNISED GOVT. APPROVED TEST HOUSE

TEST REPORT

5.10 F-01

PARTY CODE : S/UKH/028

REPORT NO. : SN10/019913

SUB. BY : SARA SAI PVT. LTD.

DIVISION-2, A/2, SARA INDL. ESTATE LTD, RAMPUR, SELAQUI,
DEHRADUN, U.K. - 248197

SAMPLE : STACK EMISSION

Ref No. : NS

DT Recd : 08-10-2013

RESULTS OF ANALYSIS Reference : EP Act Standard

Description	: One Stack Emission sample was collected by us on 07/10/2013 between 3:45 to 4:15 PM
Name & Address of the Industry	: Sara Sai Pvt. Ltd.
Name of Plant & Section	: D.G. Section
Emission Source Monitored	: D.G. Stack
Type of Fuel Used	: Diesel
Stack Identification	: D.G. Stack (250 KVA)
Normal Operating Schedule (Hr/day)	: As & when required
Location of Sampling Point	: Mouth of the Stack
Type of Chimney (ACC/Metal)	: Metal
Stack Height (Meters)	
a. From source of emission	: --
b. From roof level	: --
c. From ground level	: 5.4
Diameter of Stack (cm)	: 15
Sampling Duration (minutes)	: 30
Parameters Monitored	: PM, NOx, SO2, CO & HC
Purpose of Monitoring	: Assessment of pollution load
Product Manufactured	: Gas Kits
Control Measures (if any)	: Nil
Recovery of Material (if any)	: Nil
General Sensory Observations	: Normal
Fugitive Emission (if any)	: Nil
Stack Temperature (degrees C)	: 349
Ambient Temperature (degrees C)	: 36
Average Stack Velocity (m/sec)	: 13.26
Quantity of Emission (Nm3/hr)	: 404

Contd. on Page no-2

PERSON IN CHARGE

ANALYST

DATE 09-10-2013

Page 1 of 2 suk / suk

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2. Liability of laboratory is limited to the invoiced amount only. Any dispute arising out of this report shall be subject to Delhi jurisdiction only.
3. The Report shall not be reproduced either in full or part without the written approval of laboratory.
4. Sample shall be disposed off after issue of Test Report unless specified.

Works : A-3/7, Mayapuri Indl. Area, Ph.-II, New Delhi-64 (Unit I) RZE-220-221, Gali No. 9, Nihal Vihar, Nangloi, New Delhi-41 (Unit II)

Tel.: +(91) - (11) 43854300 Fax: +(91) - (11) 43854330

E-mail : testing@simalab.co.in, amc@simalab.co.in, projects@simalab.co.in, Website : www.simalab.com

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PARAMETERS	Results (gm/kw-hr)	Limits (gm/kw-hr)	Protocols
01. Particulate Matter	: 0.139	0.3	IS:11255 (P-1)
02. Nitrogen Oxides (as NOx)	: 0.170	9.2	IS:11255 (P-7)
03. Sulphur Dioxide (as SO ₂)	: 0.038	--	IS:11255 (P-2)
04. Carbon Monoxide (as CO)	: 0.153	3.5	IS:5182 (P-10)
05. Total Hydrocarbons (as Methane)	: 0.077	1.3	APHA-101

Date of performance : 08/10/13 to 09/10/13.

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Page 2 of 2 suk / suk

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02. Nitrogen Oxides (as NOx)	: 0.113	9.2	IS:11255 (P-7)
03. Sulphur Dioxide (as SO ₂)	: 0.025	--	IS:11255 (P-2)
04. Carbon Monoxide (as CO)	: 0.085	3.5	IS:5182 (P-10)
05. Total Hydrocarbons (as Methane)	: 0.053	1.3	APHA-101

Date of performance : 08/10/13 to 09/10/13

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