



CATTS LABS & RESEARCH PVT. LTD.



AN ISO 9001 - 2015 CERTIFIED MGF RECOGNISED GOVT APPROVED TEST HOUSE

Trusted Analytical & Research House

7.8F-01(B)

Certificate of Analysis

PARTY CODE : D/DLH/015

REPORT NO. : CAG00282010

PARTY : HAHC HOSPITAL & HIMSR
HAMDARD NAGAR, NEW DELHI-110062

SAMPLE : STACK EMISSION

Ref No. : NS

DT Recd : 23-10-2020

RESULTS OF ANALYSIS Reference : EP Act Standard

Description	:	One stack emission sample was collected by us on 22/10/2020 between 04 20 pm to 04 50 pm
Name of the Industry	:	HAHC HOSPITAL & HIMSR
Name of Plant & Section	:	HAHC Hospital
Emission Source Monitored	:	D.G. Stack (1010 KVA)
Type of Fuel Used	:	HSD
Stack Identification	:	D.G. Stack 1
Normal Operating Schedule (Hr/day)	:	General Shift
Location of Sampling Point	:	As per Norms
Type of Chimney (ACC/Metal)	:	Metal
Stack Height (Meters)	:	-
a. From source of emission	:	-
b. From roof level	:	-
c. From ground level	:	31
Diameter of Stack (cm)	:	38.1
Sampling Duration (minutes)	:	30
Parameters Monitored	:	PM, SO ₂ , NO _x , CO & HC
Purpose of Monitoring	:	Assessment of pollution load
Product Manufactured	:	Nil
Control Measures (if any)	:	Nil
Recovery of Material (if any)	:	Nil
General Sensory Observations	:	Normal
Fugitive Emission (if any)	:	Nil
Stack Temperature (degrees C)	:	79
Ambient Temperature (degrees C)	:	34
Average Stack Velocity (m/sec)	:	6.18
Quantity of Emission (Nm ³ /hr)	:	2146

Contd on Page no-2

DATE 20-10-2020

Deesh
Analyst /Auth.Signatory

J.S. Chadha
Person Inc. /Auth.Signatory
(J.S. CHADHA)

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- NOTE:1 Results listed refer only to the tested sample & applicable parameters Endorsement of products is neither inferred nor implied
 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



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Contd. From Page 1

PARAMETERS	Results (mg/Nm3)	Limits (mg/Nm3) Max.	Protocols
Particulate Matter (as PM)	: 23.08	150	IS:11255 (P-1) 1985
Nitrogen Oxides (NOx)	: 204.5	-	IS:11255 (P-7) 2005
Sulphur Dioxide (as SO2)	: 35.2	-	IS:11255 (P-2) 1985
Carbon Monoxide (as CO)	: 51.6	-	IS:5182 (P-10) 1999
Total Hydrocarbons (as Methane)	: 82.46	-	APHA-101

Date of performance : 23/10/2020 to 26/10/2020

SAMPLE DRAWN BY US

DATE 20-10-2020

Deepak
Analyst/Auth.Signatory

J.S. Chadha
Person In- /Auth.Signatory
(J.S.CHADHA)

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HAMDARD NAGAR, NEW DELHI-110062

SAMPLE : STACK EMISSION

Ref No. : NS

DT Recd : 23-10-2020

RESULTS OF ANALYSIS Reference : EP Act Standard

Description	:	One stack emission sample was collected by us on 22/10/2020 between 05.00 pm to 05:30 pm
Name of the Industry	:	HAHC HOSPITAL & HIMSR
Name of Plant & Section	:	D.G. Section
Emission Source Monitored	:	D.G. Section Store
Type of Fuel Used	:	HSD
Stack Identification	:	D.G. Stack
Normal Operating Schedule (Hr/day)	:	General Shift
Location of Sampling Point	:	As per Norms
Type of Chimney (ACC/Metal)	:	Metal
Stack Height (Meters)	:	-
a. From source of emission	:	-
b. From roof level	:	-
c. From ground level	:	31
Diameter of Stack (cm)	:	38.1
Sampling Duration (minutes)	:	30
Parameters Monitored	:	PM, SO ₂ , NO _x , CO & HC
Purpose of Monitoring	:	Assessment of pollution load
Product Manufactured	:	N.A.
Control Measures (if any)	:	Nil
Recovery of Material (if any)	:	Nil
General Sensory Observations	:	Normal
Fugitive Emission (if any)	:	Nil
Stack Temperature (degrees C)	:	82
Ambient Temperature (degrees C)	:	35
Average Stack Velocity (m/sec)	:	5.29
Quantity of Emission (Nm ³ /hr)	:	1821

Contd. on Page no-2

DATE 26-10-2020

Devi Singh
Analyst/Auth. Signatory

J.S. Chadha
Person Inc. /Auth. Signatory
(J.S. CHADHA)

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