



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

An ISO 9001:2015 & 45001:2018 (OHSAS) Certified Laboratory

MEEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory
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TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Fly Ash	MS-140322-030	21/03/2022

Issued To: M/s Lalitpur Power Generation Company Limited
Address: Village- Mirchwara and Burogaon, Tehsil- Mahroni, Lalitpur-284123 (U.P)
India

SAMPLING & ANALYSIS DATA

Sample Drawn On : 10/03/2022
Sample Received On : 14/03/2022
Sampling by : Mr. Umashankar Sharma (NTL)
Sampling Location : ASH SILO
Sample Description : Fly Ash
Analysis Duration : 14/03/2022 to 21/03/2022

S.No	Parameters	Result	Unit
Fly Ash			
	Moisture Content	1.75	% By Mass
ON OVEN DRY BASIS			
1.	Loss on Ignition	0.43	% By mass
2.	Total Silica Content (SiO ₂)	56.20	% By Mass
3.	Iron Oxide (as Fe ₂ O ₃)	7.14	% By Mass
4.	Aluminum Oxide (as Al ₂ O ₃)	12.60	% By Mass
5.	Calcium Oxide (CaO)	7.35	% By Mass
6.	Magnesium Oxide (MgO)	1.72	% By Mass
7.	Sodium Oxide (as Na ₂ O ₃)	0.56	% By Mass
8.	Potassium dioxide (as K ₂ O)	1.40	% By Mass
9.	Phosphate (as P ₂ O ₅)	0.35	% by mass
10.	Lead (as Pb)	8.16	mg/Kg
11.	Total Chromium (as Cr)	BDL	mg/Kg
12.	Mercury (as Hg)	BDL	mg/Kg
13.	Arsenic (as As)	BDL	mg/Kg

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office :

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