



Analysing for an Assured Future

# NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

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

MoEF & CC (Ministry of Environment, Forest & Climate Change), UP PCB & HSPCB Recognized Laboratory  
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## TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Coal Sample	MS-140322-028	21/03/2022

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

### Sampling & Analysis Data

Sample Drawn On : 10/03/2022  
Sample Received On : 14/03/2022  
Sample Description : Coal Sample  
Sampling Site : Coal Yard  
Sampling Procedure : IS: 436 Part-1  
Sample Drawn by : Mr. Umashankar Sharma (NTL)  
Analysis Duration : 14/03/2022 to 21/03/2022

### TEST RESULTS

S.No.	Name of Parameters	Protocol Used	Observe Value
1.	Gross Calorific Value, Cal/g (On Air dry basis)	IS:3050(Pt-II), Reaff-2005 Guideline & by Calculation	4236
2.	Proximate Analysis % by mass (On air dried basis)		
(a)	Inherent Moisture (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	9.12
(b)	Ash (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	38.50
(c)	Volatile Matter (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	32.60
(d)	Fixed Carbon (by Diff) (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	-
(e)	Total Moisture Content (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	14.08
(f)	Sulphur Content (% by mass)	IS:3050(Pt-II) 1984, Reaff-2007 Guidelines	0.312
3.	Ash Analysis (mg/Kg)		
(a)	Mercury Content (as Hg) (mg/Kg)	APHA-23 <sup>rd</sup> 2013 (Atomic With Cold Vapor Technique)	BDL
(b)	Lead Content (as Pb) (mg/Kg)	US EPA-5052 (B)	10.2
(c)	Arsenic Content (as As) (mg/Kg)	US EPA-5052 (B)	BDL
(d)	Cadmium content (as Cd) (mg/Kg)	US EPA-5052 (B)	BDL

### BDL- Below Detection Limit

### Notes:

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

CHECKED BY

AUTHORIZED SIGNATORY



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