



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & MOEF Approved Lab)

Job Description : Environmental Testing, LTP/STP Manufacturing, ETP/STP Plant Operation Pollution NOD Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019.

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Test Report of	Report Code	Date of Issue
Coal Sample	MS -200323-01	27/03/2023

ISSUED TO: M/S LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE-MIRCHWARA-BUROGAON-CHIGLAUWA, BAR-BANPUR ROAD,
BLOCK BAR, LALITPUR- 284123 (U.P) INDIA

Sample Description	Coal Sample
Date of Sample Drawn	18/03/2023
Sample Drawn By	Mr. Amit Kumar Sharma (Asia Envirolab)
Sample Quantity & Packing	1.0 kg in Zip Poly Bag
Sample Received On	20/03/2023
Analysis Duration	20/03/2023 to 27/03/2023

ANALYSIS 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	3812
2.	Proximate Analysis % by mass (On air dried basis)		
(a)	Inherent Moisture (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	13.98
(b)	Ash (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	35.01
(c)	Volatile Matter (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	26.12
(d)	Fixed Carbon (by Diff.) (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	23.68
(e)	Total Moisture Content (%by mass)	IS:3050(Pt-I) 1984, Reaff-2007 Guidelines	15.19
(f)	Sulphur Content (% by mass)	IS:3050(Pt-II) 1984, Reaff-2007 Guidelines	0.332
3.	Ash Analysis (mg/Kg)		
(a)	Mercury Content (as Hg) (mg/kg)	APHA-23 ^{edit} -2013 (Atomic with Cold Vapor Technique)	0.021
(b)	Lead Content (as Pb) (mg/kg)	US EPA-5052 (B)	10.87
(c)	Arsenic Content (as As) (mg/kg)	US EPA-5052 (B)	BDL
(d)	Cadmium content (as Cd) (mg/kg)	US EPA-5052 (B)	BDL

CHECKED BY

AUTHORIZED SIGNATORY



Note: 1. The result listed refer only to the tested samples and applicable parameters.
2. Sample will be destroyed one month from the date of issue of test certificate.
3. Any complaints about this report should be communicated within 7 days of issue of this report
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