



TC-6766

TEST REPORT

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Test Report No. :

IGI/BBSR/TR/2025/BH086885

ULR-TC676625000007681F

DATE: 08.07.2025

Chemical Testing

Solid Fuels

Job No. :	BH086885
*NAME & ADDRESS OF CUSTOMER :	M/S. MAHESHWARI MINING PRIVATE LIMITED. HEAD OFFICE: 21, C.L.M LANE, P.O.-RANIGANJ-713347, DIST- PASCHIM BARDHMAN, W.B. BARDHMAN, INDIA
*CUSTOMERS REFERENCE : (POST/COURIER/FAX/E-MAIL)	REF: MMPL/KOL/IGI/WO/2025-34
	DATE: 30.06.2025
SAMPLE PARTICULARS : (MATERIAL TO BE TESTED)	Graphite
SAMPLE RECEIPT DATE :	05.07.2025
NO. OF SAMPLE(S) :	8
SAMPLE DESCRIPTION :	SAMPLE RECEIVED FROM M/S. MAHESHWARI MINING PRIVATE LIMITED.
CONDITION OF SAMPLE :	POWDER (08 X 55 GMS)
*PARAMETERS TESTED :	Moisture, Volatile Matter, Ash, Fixed Carbon , Sulphur
TEST METHOD : (ASTM / IS / ISO / OTHERS)	Moisture - IS 11321:1985 Sulphur- IS 11321:1985 Volatile Matter - IS 11321:1985 Ash - IS 11321:1985 Fixed Carbon - IS 11321:1985

TEST RESULTS

Analysis Commencement Date: 07.07.2025		Analysis Completion Date: 08.07.2025							
SAMPLE REF/ID (Customer)	SAMPLE CODE (Laboratory)	TEST PARAMETERS							
		Moisture	Volatile Matter	Ash	Fixed Carbon	Sulphur			
		% (ar)	% (db)	% (db)	% (db)	% (db)			
SAMPLE ID- DN/Z-4/T-4/01	4631974	1.807	2.66	87.25	10.08	0.010			
SAMPLE ID- DN/Z-4/T-4/02	4631975	1.720	3.43	93.03	3.53	0.011			
SAMPLE ID- DN/Z-4/T-4/03	4631976	1.811	3.42	92.17	4.40				
SAMPLE ID- DN/Z-4/T-4/04	4631977	1.759	3.25	92.38	4.36	0.010			
SAMPLE ID- DN/Z-4/T-4/05	4631978	1.720	3.54	93.01	3.44	0.012			
SAMPLE ID- DN/Z-4/T-4/06	4631979	1.750	3.70	93.82	2.47				
SAMPLE ID- DN/Z-4/T-4/07	4631980	1.692	3.33	93.95	2.71	0.010			
SAMPLE ID- DN/Z-4/T-4/08	4631981	1.794	3.67						

REMARKS:

Moisture in analysis sample (IM) tested on as received basis (ar) & Rest parameter tested on dry basis. (db). Submitted by the party.

Enclosures ()

SHYAMAL KUMAR MALLIK
(TECHNICAL MANAGER)

AUTHORISED SIGNATORY



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IGI/QR 5.10.1, Issue#01, Rev#05
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DATE: 20250708 836234



TEST REPORT CONTINUATION SHEET

Test Report No. : IGI/BBSR/TR/2025/BH086885/1 Non Accredited Test Report
Chemical Testing Solid Fuels

Page 2 of 2
DATE: 08.07.2025

*PARAMETERS TESTED : Ash, Fixed Carbon, Sulphur
TEST METHOD : Ash - IS 11321:1985 Sulphur- IS 11321:1985
(ASTM / IS / ISO / OTHERS) Fixed Carbon - IS 11321:1985

TEST RESULTS									
Analysis Commencement Date: 07.07.2025		Analysis Completion Date: 08.07.2025							
SAMPLE REF/ID (Customer)	SAMPLE CODE (Laboratory)	TEST PARAMETERS							
		Ash % (db)	Fixed Carbon % (db)	Sulphur % (db)					
SAMPLE ID- DN/Z-4/T-4/03	4631976			0.005					
SAMPLE ID- DN/Z-4/T-4/06	4631979			0.007					
SAMPLE ID- DN/Z-4/T-4/08	4631981	96.17	0.16	0.005					

REMARKS:

Moisture in analysis sample (IM) tested on as received basis (ar) & Rest parameter tested on dry basis. (db). Submitted by the party.

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