
COAL QUALITY SPECIFICATION

Nº ETT_SP_TC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL
MOISTURE (ar)

≤9.0%

Calorific value
CV (ar)

5000

(-500; +500)

TOTAL SULPHUR
(db)

1.0%

(-0.3; +0.5)

G INDEX

≤5.0

VOLATILE
MATTER (daf)

≤37.0%

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THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
Mongol Nekhmel Building, 2nd khoroo
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CERTIFICATE OF ANALYSIS

25D309,E57,E299,F36,G09,G230,G344-TT

CLIENT: Erdenes Tavantolgoi JSC

ADDRESS: Finance Center, Jigjidjav-8
1st khoroo, Chingelbel District
Ulaanbaatar, Mongolia

ATTN: Erkhembayar.M

PROJECT NO. xxx

LAB. JOB NO. 25D309,E57,E299,F36,G09,G230,G344-TT

NO. SAMPLES: 15

Notes/Comments: xxx

SAMPLES RECEIVED: 30/04/2025 27/07/2025
INSTRUCTIONS RECEIVED: 30/04/2025 27/07/2025
DATE OF REPORT: 1/05/2025 28/07/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 1/05/2025 28/07/2025
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 2.1_THERMAL COAL
TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKN

APPROVED BY: Laboratory Manager

Quality Manager

TL 10-01

CHECKED BY: Chief Chemist

These test results are representative only of the sample received in the laboratory.

STANDARD METHOD		GB/T 211	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213		
		AS RECEIVED BASIS						AIR DRIED BASIS							
LAB NO.	SAMPLE NO.	Total Moisture (TM)	Ash (ASH)	Volatle Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatle Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)		
		%						kcal/kg	%						kcal/kg
1	25112430	3.76	21.68	18.27	56.29	1.03	6118	1.06	22.29	18.78	57.87	1.06	6290		
2	25112530	7.27	18.62	18.32	55.79	0.62	5923	2.67	19.55	19.23	58.55	0.65	6217		
3	25119306	6.98	16.78	16.80	59.44	0.45	6139	1.77	17.72	17.74	62.77	0.48	6482		
4	25119406	6.41	14.53	17.81	61.25	0.60	6486	1.72	15.25	18.70	64.32	0.63	6811		
5	25148226	8.22	16.54	17.71	57.53	0.46	6080	2.40	17.59	18.83	61.18	0.49	6466		
6	25148326	8.26	19.27	16.82	55.65	0.48	5821	2.14	20.54	17.94	59.37	0.51	6210		
7	25148426	8.46	17.13	16.58	57.83	0.45	5999	1.89	18.36	17.77	61.98	0.48	6430		
8	25158603	3.51	14.87	17.27	64.36	0.61	6822	1.15	15.23	17.69	65.93	0.63	6989		
9	25158703	6.80	20.88	17.64	54.68	0.47	5769	2.16	21.92	18.52	57.40	0.49	6056		
10	25173001	5.82	14.91	22.43	56.84	0.43	6206	2.28	15.47	23.27	58.98	0.45	6440		
11	25173101	6.72	13.46	23.96	55.86	0.36	6219	2.49	14.07	25.05	58.39	0.38	6501		
12	25186419	2.82	22.00	17.57	57.61	1.02	6357	0.78	22.46	17.94	58.82	1.04	6490		
13	25186519	3.15	18.11	17.40	61.34	1.15	6675	0.79	18.55	17.82	62.84	1.17	6837		
14	25199827	1.75	19.45	17.59	61.21	0.89	6716	0.62	19.67	17.79	61.92	0.90	6793		
15	25199927	1.39	18.76	18.37	61.47	1.21	6735	0.50	18.93	18.54	62.03	1.22	6796		

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDA/SWS-40/23	ASH	VOL	GCV	TSUL
Certified Value	10.67	20.55	7695	0.620
Standard Deviation	0.056	0.137	24	0.0144
Unit	%	%	kcal/kg	%
Analyzed value	10.65	20.58	7687	0.616

“ERDENES TAVANTOLGOI” JSC | Coal stockpile specifications

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