
WASHED COAL QUALITY SPECIFICATION

Nº ETT_WTS_TC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL
MOISTURE (ar)

≤9.0%

ASH (db)

≤25.0%

VOLATILE
MATTER (daf)

≤37.0%

TOTAL
SULPHUR (db)

≤1.0%

Calorific value
CV (gross.ar)

≥6000.0

G INDEX

≤20

QUANTITY

32.0

THOUSAND TONS

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
Mongol National Building, 19nd khoroо
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel +976 70 907667



CERTIFICATE OF ANALYSIS
25174, L92, L126, L149-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
1st khoroо, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Jambajants.G
PROJECT NO. xxx
LAB. JOB NO. 25174, L92, L126, L149-TT
NO. SAMPLES: 4
Notes/Comments: xxx

SAMPLES RECEIVED: 5/12/2025 9/12/2025
INSTRUCTIONS RECEIVED: 5/12/2025 9/12/2025
DATE OF REPORT: 6/12/2025 10/12/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 6/12/2025 10/12/2025
PREPARATION CODE: CRUSH-01, 02, MILL-01
ANALYSIS CODE: 1, COKING COAL 3, REJECT
COAL
RECEIVED BY: JSC, GCV, TSUL, GCV, TSUL
APPROVED BY: Laboratory Manager
B.Bold-Erdene
ИТЭМЖЛЭГДСЭН
ЛАБОРАТОРИ
Т.10.01
УНТ0482

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		
LAB NO.	SAMPLE NO.	AS RECEIVED BASIS													
		AIR DRIED BASIS													
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)		
		%					kcal/kg	%					kcal/kg		
		1	CHPP-TC 2025.12.05_com	3.47	22.01	22.07	52.46	0.64	6304	0.77	22.62	22.68	53.92	0.66	6480
		2	CHPP-TC 2025.12.08_com	3.59	23.66	22.27	50.47	0.56	6098	0.71	24.37	22.94	51.98	0.58	6280
		3	CHPP-TC 2025.12.08_com	3.54	22.27	21.97	52.21	0.76	6298	0.67	22.94	22.63	53.76	0.78	6485
		4	CHPP-TC 2025.12.09_com	3.84	23.07	22.13	50.95	0.62	6220	0.99	23.76	22.79	52.47	0.64	6404

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALWS-41/25	ASH	VOL	GCV	TSUL
Certified Value	10.93	20.61	7691	0.685
Standard Deviation	0.649	0.076	12	0.007
Unit	%	%	kcal/kg	%
Analyzed value	10.91	20.65	7692	0.678

ALS GROUP LLC
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CERTIFICATE OF ANALYSIS
25L74, L92, L126, L149-TT

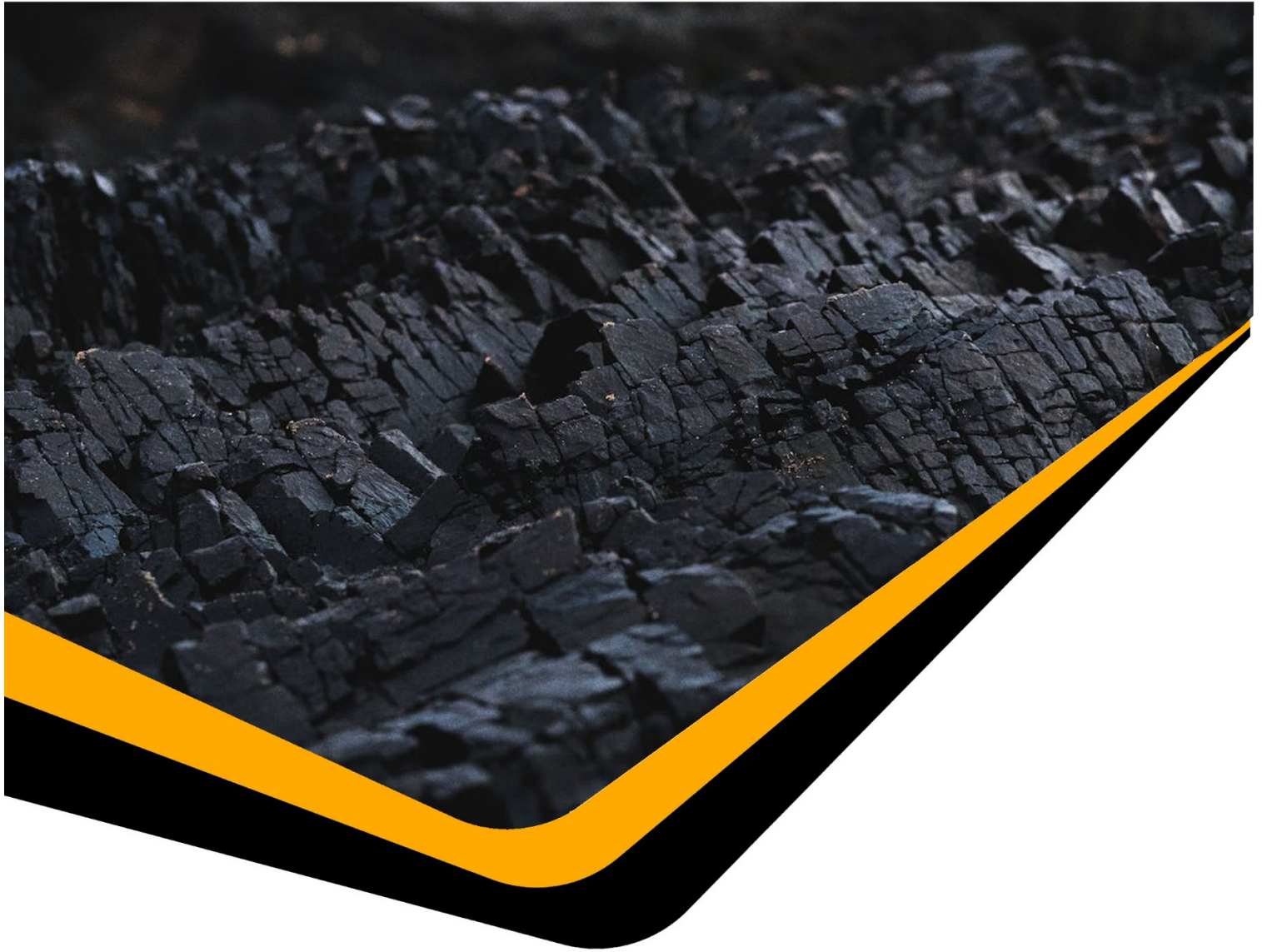
CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigijidav-8
1st khoroo, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Jambaljamts.G
PROJECT NO. xxx
LAB. JOB NO. 25L74, L92, L126, L149-TT
NO. SAMPLES: 4
Notes/Comments: xxx

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STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 6/12/2025 10/12/2025
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 1. COOKING COAL
2. THERMAL COAL
3. REJECT COAL
TM, MOIS, ASH, VOL, TSUL,
GCV, CSH, CHN

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

STANDARD METHOD		GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 5448	GB/T 5447
LAB NO.	SAMPLE NO.	DRY BASIS									Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)
		Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)		
		kcal/kg					kcal/kg					
1	CHPP.TC.2025.12.05_com	22.80	22.86	54.34	0.66	6531	29.61	70.39	0.86	8459	5:1	3:3
2	CHPP.TC.2025.12.06_com	24.55	23.10	52.35	0.58	6325	30.62	69.38	0.77	8383	18	-
3	CHPP.TC.2025.12.08_com	23.09	22.78	54.13	0.79	6529	29.62	70.38	1.03	8489	26	-
4	CHPP.TC.2025.12.09_com	23.99	23.02	52.99	0.65	6468	30.28	69.72	0.85	8510	23	-

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
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ISO 9001:2015



ISO 14001:2015



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Финанс төв, 1-р хороо,
Чингэлтэй дүүрэг,
Улаанбаатар хот

