
WASHED COAL QUALITY SPECIFICATION

№ ETT_WTS_TC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



TOTAL MOISTURE (ar)	ASH (db)	VOLATILE MATTER (daf)
≤9.0%	≤25.0%	≤37.0%
TOTAL SULPHUR (db)	Calorific value CV (gross.ar)	G INDEX
≤1.0%	≥6000.0	≤20
		QUANTITY 19.2 THOUSAND TONS

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

CLIENT:	Erdenes Tavantolgoi JSC
ADDRESS:	Finance Center, Jigjidjav-8 1st khoroо, Chingelgai District Ulaanbaatar, Mongolia
ATTN:	Jambajamts.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: 4/12/2025 10/12/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 4/12/2025 10/12/2025
PREPARATION CODE: CRUSH-01, 02, MILL-01
ANALYSIS CODE: 1. COOKING COAL
2. THERMAL COAL 3. REJECT COAL
WCC, KCH, WCC, TSUL, GM, CV
CIN, CON, CON
APPROVED BY: Laboratory Manager
B. Bold-Erdene
ИТЭЗМЭЖЛЭЛСН
ЛАБОРАТОРИ
ТЭГ
ТЛ-101
ИТЭЗМЭЖЛЭЛСН
ЛАБОРАТОРИ
ТЭГ
ИТЭЗМЭЖЛЭЛСН
ЛАБОРАТОРИ
ТЭГ

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

STANDARD METHOD													
LAB NO.	SAMPLE NO.	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											
		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)
				%			kJ/kg		%			kJ/kg	
1	CHPP-T-2025.12.05_com	3.47	22.01	22.57	52.46	0.64	6304	0.77	22.42	22.68	53.92	0.66	6480
2	CHPP-T-2025.12.08_com	3.59	23.46	22.27	50.47	0.76	6098	0.71	24.37	22.94	51.98	0.78	6280
3	CHPP-T-2025.12.08_com	3.54	22.27	21.97	52.23	0.67	6295	0.67	22.94	22.63	53.76	0.78	6495
4	CHPP-T-2025.12.09_com	3.84	23.07	22.13	50.95	0.62	6220	0.99	23.74	22.79	52.47	0.64	6205

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDAISWS-41/25	ASH	VOL	GCV	TSUL
Certified Value	10.93	20.61	7691	9.668
Standard Deviation	0.649	0.076	12	0.007
Unit	%	%	kgcal/kg	%
Analyzed value	10.91	20.65	7695	9.678

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25L74, L92, L126, L149-TT

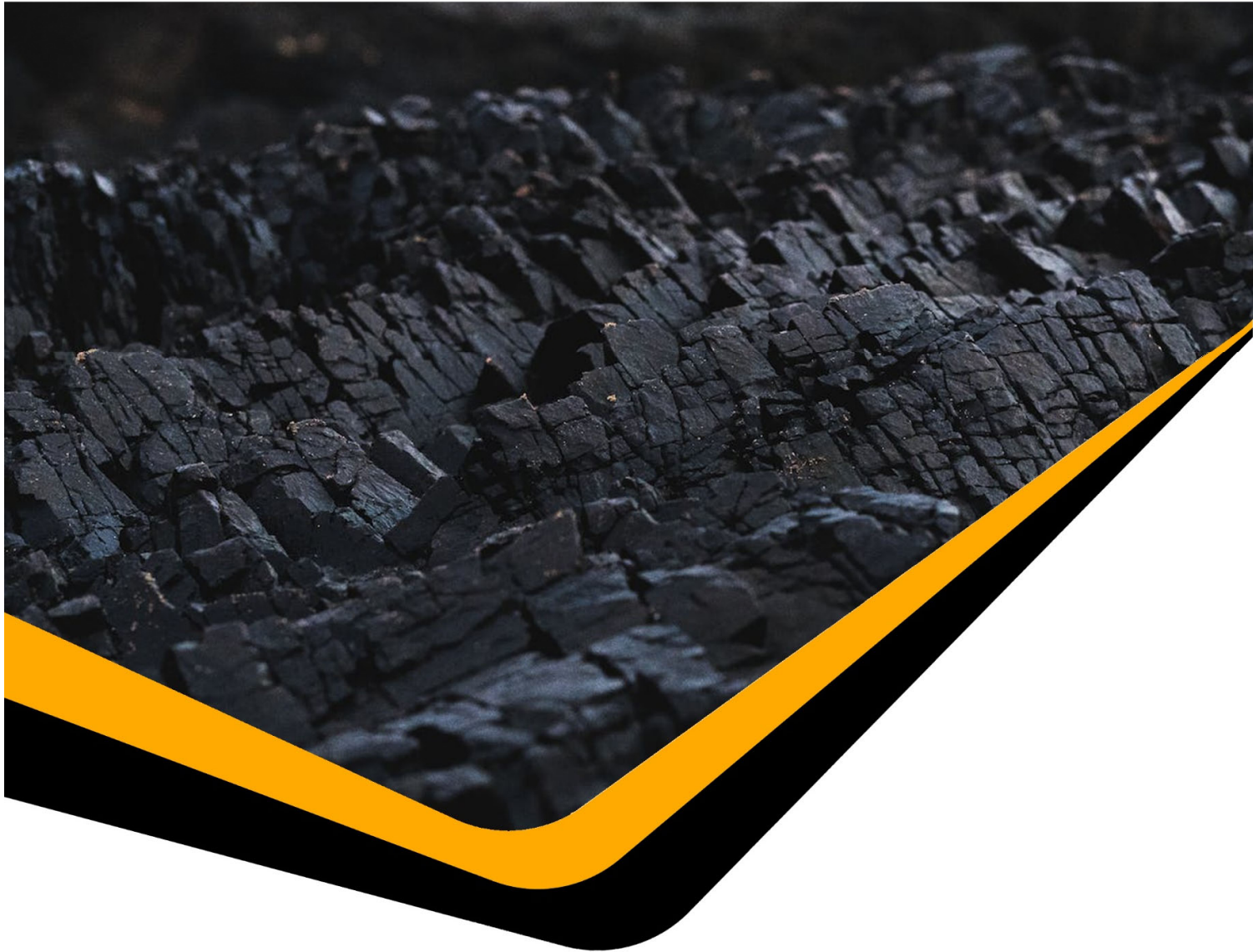
CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigijidav-8
1st khoroo, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Jambaljamts.G
PROJECT NO. xxx
LAB. JOB NO. 25L74, L92, L126, L149-TT
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TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CHN

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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					DRY, ASH-FREE 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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Финанс төв, 1-р хороо,
Чингэлтэй дүүрэг,
Улаанбаатар хот

