
WASHED COAL QUALITY SPECIFICATION

Nº ETT_SP_CC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL
MOISTURE (ar)

≤10.0%

ASH (db)

≤10.5%

VOLATILE
MATTER (daf)

≤28.0%

TOTAL
SULPHUR (db)

≤0.85%

G INDEX

≥80.0

QUANTITY

19.2

THOUSAND TONS

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
Mongol Nakheel Building, 19nd khoroо
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel +976 70 007667



CERTIFICATE OF ANALYSIS
25G61,G74,G85,G98,G115,G320,G347,G360,G374,G403,H21,H43-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
1st khoroо, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Jambaljamts.G
PROJECT NO. xxx
LAB. JOB NO. 25G61,G74,G85,G98,G115,G320,G347,G360,G374,G403,H21,H43-TT
NO. SAMPLES: 13
Notes/Comments: xxx

SAMPLES RECEIVED: 5/07/2025 2/08/2025
INSTRUCTIONS RECEIVED: 5/07/2025 2/08/2025
DATE OF REPORT: 5/07/2025 2/08/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 5/07/2025 2/08/2025
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 1.3, COKING COAL
TM, MOIS, ASH, VOL, TSUL,
GCV, CSN, CKIN

APPROVED BY: Laboratory Manager
B.Bolp-Erdene



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											
		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)
		AIR DRIED BASIS											
		%											
		kcal/kg											
1	CHPP-CC 2025.07.05_com	11.10	8.97	21.69	58.24	0.57	6907	0.79	10.01	24.21	65.00	0.63	7709
2	CHPP-CC 2025.07.06_com	8.10	9.75	22.27	59.88	0.61	7071	0.71	10.53	24.06	64.70	0.66	7640
3	CHPP-CC 2025.07.07_com	9.41	9.54	21.90	59.15	0.62	6970	0.62	10.46	24.03	64.89	0.69	7646
4	CHPP-CC 2025.07.08_com	6.57	9.99	22.49	60.94	0.61	7194	0.64	10.62	23.92	64.81	0.65	7651
5	CHPP-CC 2025.07.09_com-1	9.95	9.07	21.83	59.16	0.59	6967	0.65	10.00	24.09	65.26	0.65	7686
6	CHPP-CC 2025.07.09_com-2	9.51	10.67	25.07	54.75	0.55	6902	0.80	11.69	27.48	60.02	0.60	7566
7	CHPP-CC 2025.07.25_com	9.49	9.19	22.15	59.17	0.61	6970	0.70	10.09	24.30	64.92	0.67	7647
8	CHPP-CC 2025.07.27_com	9.25	9.40	22.26	59.09	0.64	7012	0.65	10.29	24.37	64.69	0.70	7676
9	CHPP-CC 2025.07.28_com	10.24	9.82	21.26	58.68	0.60	6877	0.70	10.86	23.52	64.92	0.67	7608
10	CHPP-CC 2025.07.29_com	9.65	9.12	22.19	59.04	0.67	7025	0.68	10.02	24.39	64.90	0.74	7722
11	CHPP-CC 2025.07.31_com	9.45	9.13	21.99	59.42	0.60	7019	0.83	10.00	24.09	65.08	0.66	7687
12	CHPP-CC 2025.08.01_com	7.75	9.88	22.83	59.53	0.64	7100	0.77	10.63	24.56	64.04	0.69	7637
13	CHPP-CC 2025.08.02_com	9.29	9.19	22.31	59.21	0.61	7048	0.74	10.05	24.42	64.79	0.67	7712

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALSWS-41/ZS	ASH	VOL	GCV	TSUL
Certified Value	10.93	20.66	7689	0.678
Standard Deviation	0.049	0.075	12	0.007
Unit	%	%	kcal/kg	%
Analyzed value	10.93	20.66	7689	0.678

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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ALS GROUP LLC
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CERTIFICATE OF ANALYSIS
25G61,G74,G85,G98,G115,G320,G347,G360,G374,G403,H21,H43-TT

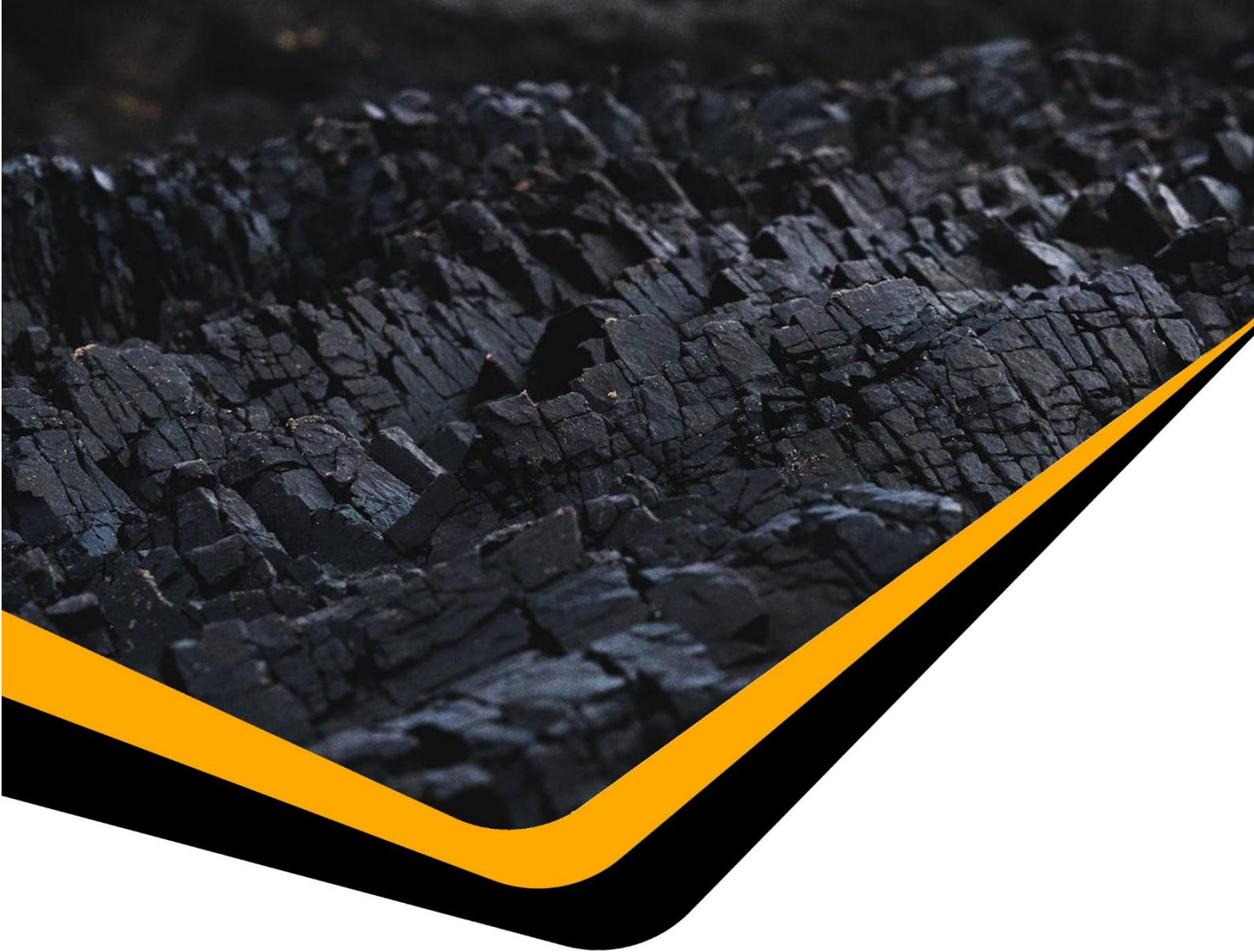
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TM, MOIS, ASH, VOL,
TSUL, GCV, CSN, CKN

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				Gross Calorific Value (GCV)	DRY, ASH-FREE BASIS				Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)		
		Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)		Volatile Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)				
		%				kcal/kg	%				kcal/kg			
1	CHPP-CC 2025.07.05_com	10.09	24.40	65.51	0.64	7770	27.14	72.86	0.71	8642	7.0	83	-	
2	CHPP-CC 2025.07.06_com	10.61	24.23	65.16	0.67	7694	27.11	72.89	0.75	8607	7.0	84	-	
3	CHPP-CC 2025.07.07_com	10.53	24.17	65.30	0.69	7694	27.02	72.98	0.77	8599	7.0	86	-	
4	CHPP-CC 2025.07.08_com	10.69	24.08	65.23	0.65	7700	26.96	73.04	0.73	8622	7.0	86	-	
5	CHPP-CC 2025.07.09_com-1	10.07	24.24	65.69	0.65	7736	26.96	73.04	0.73	8602	7.0	86	-	
6	CHPP-CC 2025.07.09_com-2	11.79	27.70	60.51	0.61	7627	31.40	68.60	0.69	8646	7.0	87	-	
7	CHPP-CC 2025.07.25_com	10.16	24.47	65.37	0.67	7701	27.23	72.77	0.75	8571	7.0	92	-	
8	CHPP-CC 2025.07.27_com	10.35	24.53	65.12	0.70	7727	27.36	72.64	0.79	8619	6.5	82	-	
9	CHPP-CC 2025.07.28_com	10.94	23.69	65.38	0.67	7662	26.60	73.40	0.75	8602	6.5	82	-	
10	CHPP-CC 2025.07.29_com	10.09	24.56	65.35	0.74	7775	27.32	72.68	0.82	8648	6.5	79	-	
11	CHPP-CC 2025.07.31_com	10.09	24.75	65.62	0.67	7752	27.01	72.99	0.74	8622	7.5	81	-	
12	CHPP-CC 2025.08.01_com	10.71	24.75	64.54	0.70	7697	27.72	72.28	0.78	8620	7.0	87	-	
13	CHPP-CC 2025.08.02_com	10.13	24.60	65.27	0.67	7770	27.37	72.63	0.75	8646	7.0	84	-	
												86	-	

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Чингэлтэй дүүрэг,
Улаанбаатар хот

