
COAL QUALITY SPECIFICATION

Nº ETT_SP_CC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL
MOISTURE (ar)

3.0%

(-1.5; +1.5)

ASH (db)

15.0%

(-3.0; +3.0)

VOLATILE
MATTER (daf)

≤28.0%

TOTAL SULPHUR
(db)

1.0%

(-0.3; +0.5)

G INDEX

≥70.0

QUANTITY

128.0

THOUSAND TONS

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
Mongol National Building, 9th floor
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CERTIFICATE OF ANALYSIS
25L71.L86.L104.L199.L241.L292.L344-TT

CLIENT: Erdenes Tavan Tolgoi JSC

ADDRESS: Finance Center, Jigjidaa-8
1st khoroо, Chingeltei District
Ulaanbaatar, Mongolia

ATTN: Garmbaster.B

PROJECT NO. xxx

LAB. JOB NO. 25L71.L86.L104.L199.L241.L292.L344-TT

NO. SAMPLES: 18

Notes/Comments: xxx

SAMPLES RECEIVED: 5/12/2025 20/12/2025
INSTRUCTIONS RECEIVED: 5/12/2025 20/12/2025
DATE OF REPORT: 6/12/2025 21/12/2025
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 6/12/2025 21/12/2025
PREPARATION CODE: CSPSC, CSPC, CSPG
ANALYSIS CODE: 1.2, COOKING COAL
TM, IMOS, ASH, VOL,
TSUL, CSN, CGN

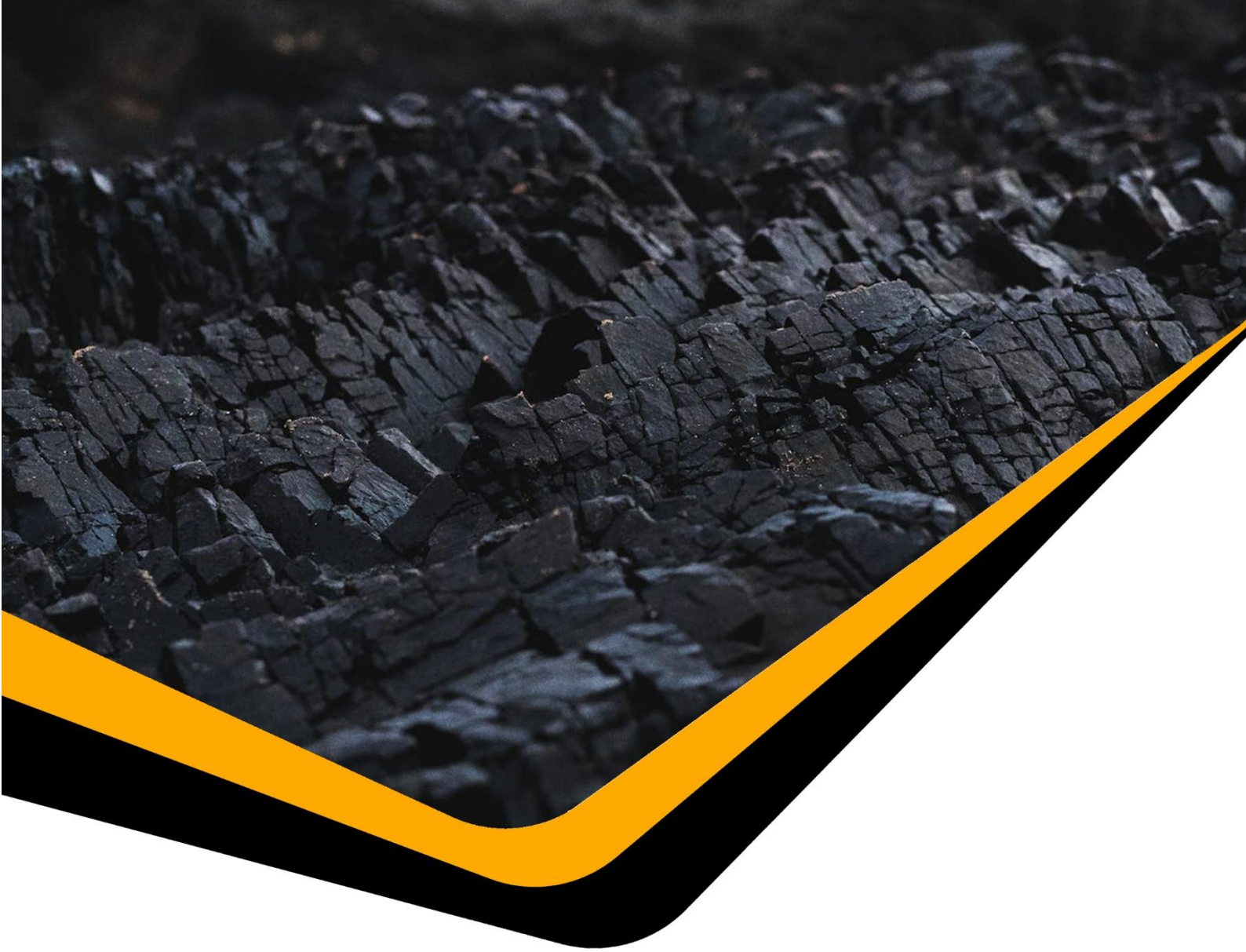
APPROVED BY: Laboratory Manager
B Bold Erdene

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

STANDARD METHOD		AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS				GB/T 8446		GB/T 5447	
LAB NO.	SAMPLE NO.	Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Crescible Swelling Number (CSN)	Coal Caking Index (CCI)	
1	25347405	3.64	15.58	21.49	59.29	1.01	0.49	16.09	22.19	61.23	1.04	16.17	22.30	61.53	1.05	26.60	73.40	1.25	5.5	3.3	
2	25347505	3.15	13.83	21.76	61.26	0.94	0.48	14.22	22.36	62.95	0.97	14.28	22.47	63.25	0.97	26.21	73.79	1.14	6.0	69	
3	25348006	3.02	14.26	22.41	60.31	1.02	0.46	14.63	23.00	61.90	1.04	14.70	23.11	62.19	1.05	27.09	72.91	1.23	6.5	77	
4	25349007	2.87	13.45	22.59	61.59	0.95	0.51	13.78	23.14	62.57	0.99	13.85	23.26	62.89	0.99	27.00	73.00	1.15	6.5	80	
5	25349107	3.47	13.77	21.99	60.57	1.08	0.45	14.24	22.72	62.60	1.11	14.30	22.82	62.88	1.12	26.62	73.38	1.30	6.5	77	
6	25349207	3.80	14.16	21.66	60.38	1.06	0.45	14.66	22.41	62.48	1.09	14.72	22.51	62.76	1.10	26.40	73.60	1.29	6.5	77	
7	25357712	4.30	15.64	22.37	57.69	0.69	0.48	16.26	23.26	59.99	0.71	16.34	23.38	60.28	0.72	27.94	72.06	0.86	6.5	80	
8	25357812	5.11	15.19	22.28	57.42	0.67	0.55	15.92	23.35	60.18	0.70	16.01	23.48	60.51	0.70	27.95	72.05	0.84	6.5	76	
9	25357912	4.04	14.15	22.86	58.95	0.94	0.65	14.65	23.66	61.04	0.97	14.75	23.82	61.43	0.98	27.94	72.06	1.15	6.5	80	
10	25360814	3.96	16.80	21.09	58.15	1.27	0.48	17.40	21.86	60.26	1.31	17.49	21.96	60.55	1.32	26.62	73.38	1.60	5.5	68	
11	25360914	3.97	16.40	21.13	58.50	0.93	0.47	16.99	21.90	60.63	0.96	17.08	22.00	60.92	0.97	26.54	73.46	1.17	5.5	67	
12	25361014	4.16	15.45	21.37	59.02	0.95	0.45	16.05	22.19	61.31	0.98	16.12	22.29	61.58	0.99	26.58	73.42	1.18	6.0	69	
13	25366417	2.88	13.35	22.68	61.09	0.61	0.57	12.67	23.22	62.54	0.62	13.74	23.35	62.90	0.63	27.07	72.93	0.73	6.5	80	
14	25366517	3.00	14.41	22.17	60.42	0.88	0.51	14.78	22.74	61.97	0.91	14.86	22.85	62.29	0.91	26.84	73.16	1.07	6.5	80	
15	25366617	2.76	13.54	21.95	61.74	0.66	0.51	13.85	22.46	63.18	0.67	13.92	22.58	63.50	0.68	26.23	73.77	0.78	6.5	79	
16	25369920	4.37	18.70	20.39	56.54	0.79	0.60	19.44	21.19	58.76	0.82	19.56	21.22	59.12	0.82	26.51	73.49	1.02	6.0	68	
17	25370020	4.74	16.83	21.01	57.42	0.74	0.58	17.57	21.92	59.93	0.77	17.67	22.05	60.38	0.77	26.75	73.25	0.94	6.0	74	
18	25370120	3.69	20.46	20.69	55.16	0.67	0.66	21.11	21.34	56.89	0.69	21.25	21.48	57.27	0.69	27.28	72.72	0.88	6.0	69	

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSW5-51/25	ASH	VOL	TSUL
Certified Value	15.93	20.61	0.689
Standard Deviation	0.649	0.076	0.007
% Unit	%	%	%
Analyzed value	18.91	20.58	0.684



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



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

