
COAL QUALITY SPECIFICATION

Nº ETT_SP_SSC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL
MOISTURE (ar)

4.0%

(-1.0; +2.0)

ASH (db)

23.5%

(-5.0; +5.0)

VOLATILE
MATTER (daf)

33.0%

(-1.5; +1.5)

TOTAL SULPHUR (db)

1.1%

(-0.5; +0.5)

G INDEX

70.0

(-5.0; +10.0)

QUANTITY

128.0

THOUSAND TONS

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
Mongol National Building, 2nd floor
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CERTIFICATE OF ANALYSIS

24L225.25A16A.A187.A319.B31.C88.C102.C214.C238.D28.D81.D145.D182.TT

CLIENT: Erdenes Tavan Tolgoi JSC

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ATTN: Erkhembayar M.

PROJECT NO. xxx

LAB. JOB NO. 24L225.25A16A.A187.A319.B31.C88.C102.C214.C238.D28.D81.D145.D182.TT

NO. SAMPLES: 3

Notes/Comments: xxx

ALS

MANAS

SAMPLES RECEIVED: 23/12/2024 17:04/2025

INSTRUCTIONS RECEIVED: 23/12/2024 17:04/2025

DATE OF REPORT: 24/12/2024 18:04/2025

STATUS OF REPORT: FINAL

ANALYSIS COMPLETE: 24/12/2024 18:04/2025

PREPARATION CODE: C-2412-04-0005

ANALYSIS CODE: 1.2-COKING COAL

APPROVED BY:

CHECKED BY: Chief Chemist

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

LAB. NO.	SAMPLE NO.	STANDARD METHOD				AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS				Crosstite Swelling Number (CSN)	Coal Caking Index (CKI)
		Total Moisture (TM)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon					
1	2437523	3.54	23.75	23.83	48.88	1.48	0.71	24.44	24.53	50.31	1.53	24.63	24.71	50.67	1.54	32.76	67.22	2.04	4.5	57	3-3		
2	259516	2.17	24.22	24.26	49.35	1.31	0.50	24.63	24.68	50.19	1.34	24.76	24.80	50.44	1.34	32.96	67.04	1.79	4.0	53	-		
3	2519619	3.34	24.05	24.42	48.19	1.22	0.67	24.72	25.09	49.52	1.05	24.89	25.26	49.85	1.05	33.63	66.37	1.40	4.0	55	-		
4	2522631	2.72	24.23	23.17	49.88	0.72	0.50	24.78	23.70	51.02	0.74	24.91	23.82	51.28	0.74	31.71	68.29	0.99	3.0	40	-		
5	2522731	3.33	22.52	24.15	50.01	0.67	0.67	23.14	24.81	51.38	0.69	23.29	24.98	51.73	0.69	32.56	67.44	0.90	3.0	37	-		
6	2522831	4.07	20.42	23.80	51.71	0.81	0.72	21.13	24.63	53.51	0.83	21.29	24.81	53.90	0.84	31.52	68.48	1.07	2.0	20	-		
7	2527004	3.27	22.70	23.92	50.10	0.96	0.60	23.33	24.58	51.48	0.99	23.47	24.73	51.80	0.99	32.32	67.68	1.30	3.5	46	-		
8	2527104	3.63	21.10	24.28	50.99	0.74	0.67	21.74	25.03	52.55	0.77	21.89	25.20	52.91	0.77	32.26	67.74	0.99	3.5	47	-		
9	2527204	4.09	20.94	23.89	51.08	0.90	0.70	21.68	24.74	52.88	0.93	21.83	24.91	53.26	0.94	31.87	68.13	1.20	3.5	48	-		
10	2543108	1.69	29.75	23.03	49.75	0.74	0.59	19.72	26.05	53.65	0.75	19.84	26.20	53.96	0.75	32.68	67.32	0.94	5.0	59	-		
11	2543208	1.69	29.75	23.03	49.75	0.74	0.59	19.72	26.05	53.65	0.75	19.84	26.20	53.96	0.75	32.68	67.32	0.94	5.0	59	-		
12	2543308	1.69	29.75	23.03	49.75	0.74	0.59	19.72	26.05	53.65	0.75	19.84	26.20	53.96	0.75	32.68	67.32	0.94	5.0	59	-		
13	2543408	1.69	29.75	23.03	49.75	0.74	0.59	19.72	26.05	53.65	0.75	19.84	26.20	53.96	0.75	32.68	67.32	0.94	5.0	59	-		
14	2573620	1.65	25.06	26.03	47.27	1.08	0.59	25.33	26.31	47.78	1.07	25.47	26.46	48.06	1.08	35.51	64.49	1.45	4.5	56	-		
15	2573720	2.09	25.86	25.42	46.62	1.08	0.59	26.26	26.81	47.24	1.10	26.41	26.97	47.62	1.10	35.29	64.71	1.30	4.0	53	-		
16	2573823	1.58	25.58	25.80	47.04	0.95	0.57	25.84	26.07	47.52	0.96	25.99	26.22	47.79	0.97	35.42	64.58	1.30	4.5	58	-		
17	2583902	2.54	21.11	26.14	50.22	0.76	0.55	21.44	26.67	51.24	0.78	21.66	26.82	51.52	0.78	34.23	65.77	1.00	4.5	54	-		
18	2586005	2.33	18.44	25.58	53.45	0.97	0.81	18.77	26.93	54.40	0.99	18.88	26.19	54.93	0.99	32.28	67.72	1.22	3.5	49	-		
19	2592614	1.87	16.94	27.59	53.81	0.99	0.83	17.12	27.86	54.16	1.01	17.26	28.11	54.63	1.01	33.97	66.03	1.23	3.0	46	-		
20	2592714	2.02	19.72	26.43	51.83	0.98	0.74	19.98	26.77	52.51	1.00	20.13	26.97	52.90	1.01	33.77	66.23	1.37	5.5	65	-		
21	2595417	2.76	21.37	25.53	50.34	1.04	0.77	21.81	26.05	51.97	1.06	21.98	26.25	51.77	1.07	33.45	66.55	1.37	5.5	65	-		
22	2595517	2.69	23.45	25.37	48.49	1.03	0.84	23.89	23.85	49.42	1.05	24.10	26.07	49.83	1.06	34.35	65.65	1.39	4.5	55	-		

QUALITY ASSURANCE/QUALITY CONTROL DATA

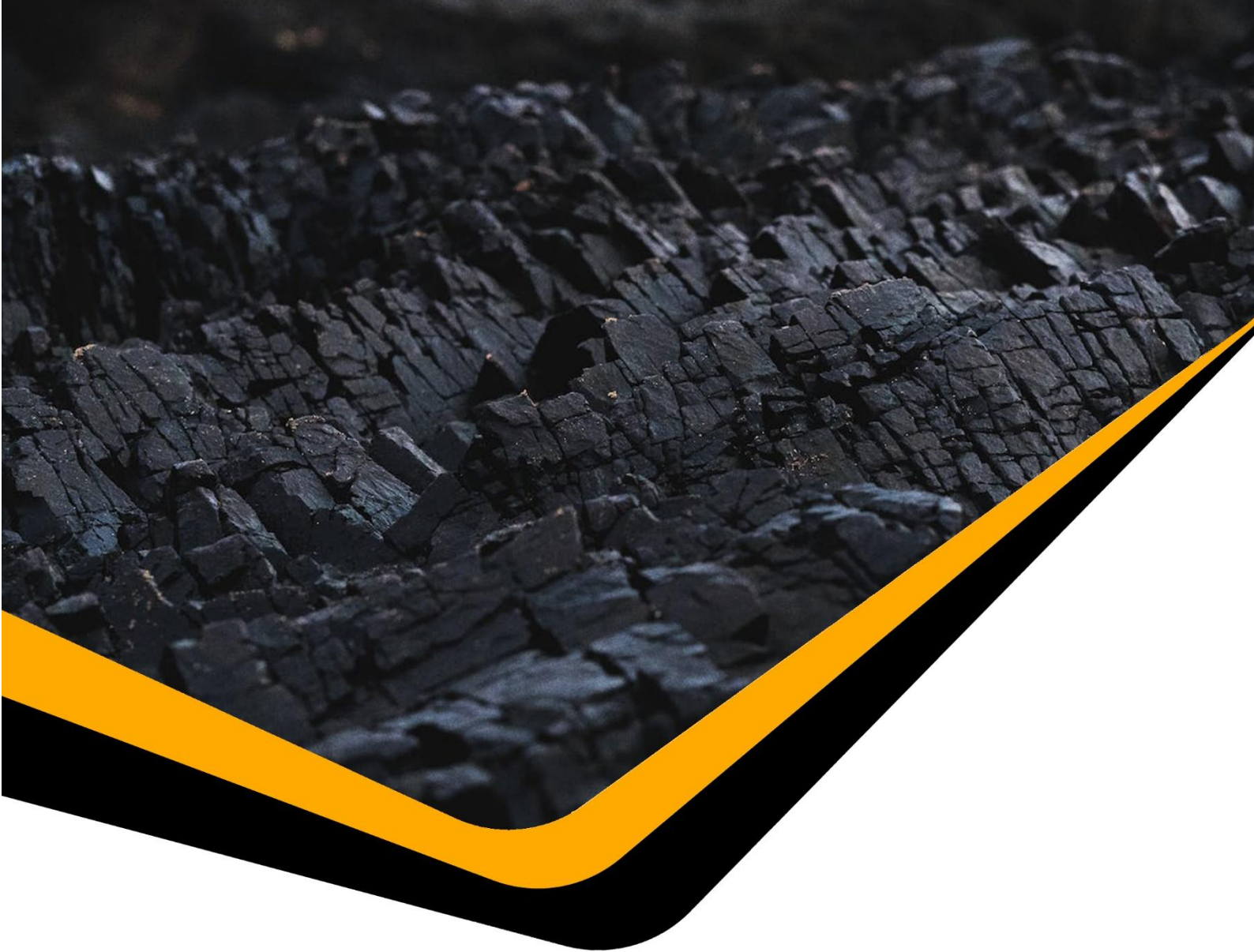
STANDARD	ASH	VOL	TSUL
24L225-48/22	19.67	20.55	0.135
Certified Value	0.058	0.137	0.0144
Standard Deviation	%	%	%
Unit	%	%	%
Analysed value	19.69	20.54	0.025

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. COPY RIGHT PROTECTED DOCUMENT

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“ERDENES TAVANTOLGOI” JSC | Coal stockpile specifications

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ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



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

