
COAL QUALITY SPECIFICATION

Nº ETT_SP_SSC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL MOISTURE (ar) 3.0% (-1.0; +1.0)	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 512.0 THOUSAND TONS

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

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CERTIFICATE OF ANALYSIS
 24A36, A89, A189, A253, A260, B25, B33, B56-TT

CLIENT: Erdenes Tavan Tolgoi JSC
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ATTN: BekhtatP
PROJECT NO.: xxx
LAB. JOB NO.: 24A36, A89, A189, A253, A260, B25, B33, B56-TT
NO. SAMPLES: 12
Notes/Comments: xxx

SAMPLES RECEIVED: 5/01/2024 6/02/2024
INSTRUCTIONS RECEIVED: 5/01/2024 6/02/2024
DATE OF REPORT: 6/01/2024 7/02/2024
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 6/01/2024 7/02/2024
PREPARATION CODE: CSPSC, CSPG, CSPG
ANALYSIS CODE: 1. COKING COAL, CSN
TM 10035, Ash, CV, GCI, TSUL, GCV, CIGN
APPROVED BY: [Signature]
 Quality Manager
CHECKED BY: Chief Chemist

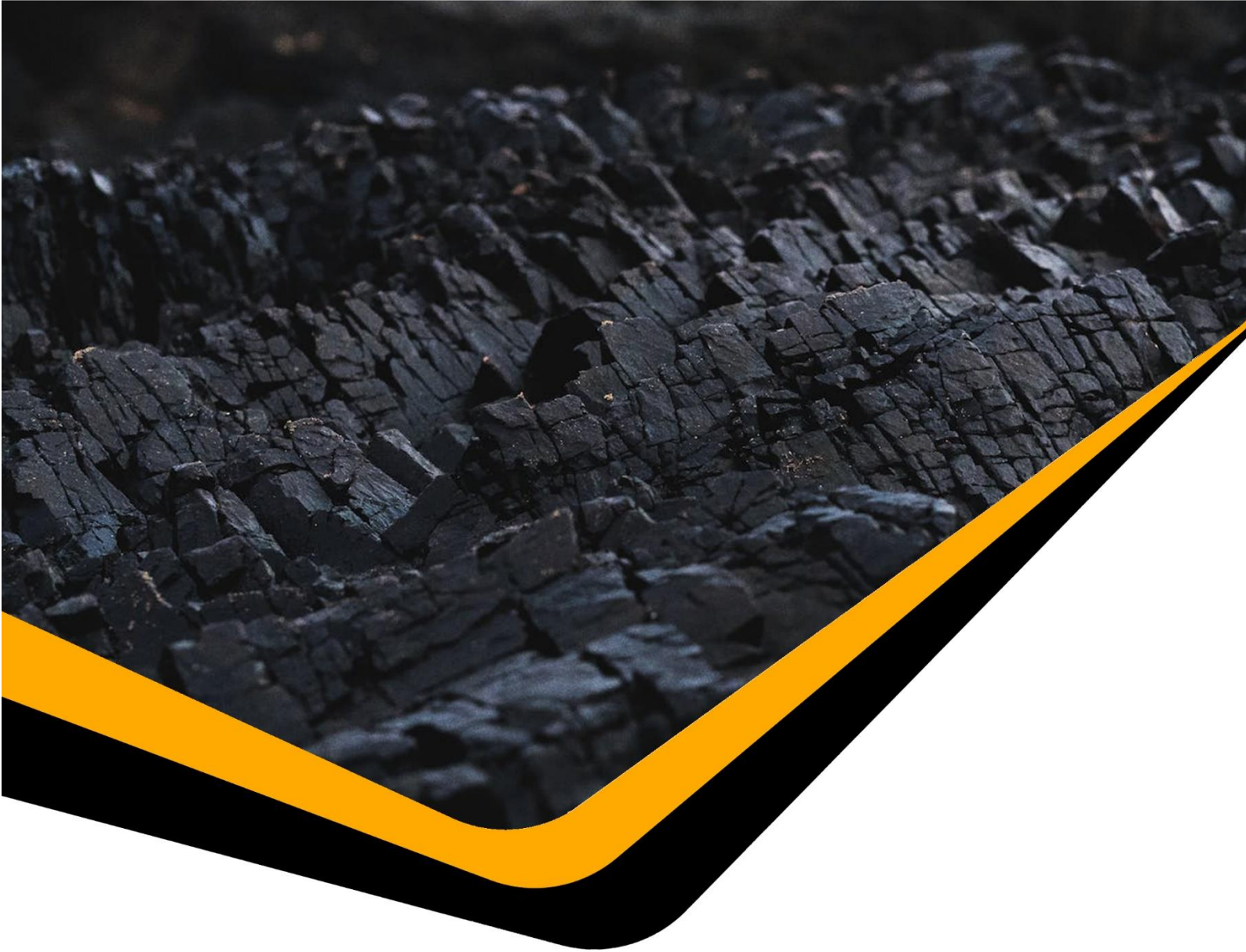
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	STANDARD METHOD														Crucible Swelling Number (CSN)	Coal Caking Index (CIGN)			
		AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS						
		GB/T 211	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 212	GB/T 212	ISO 19579	GB/T 5448	GB/T 5447
		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)		
		%																		
1	ETT_SP_10129-1A	2.98	22.68	24.31	50.03	0.83	0.54	23.25	24.92	51.29	0.85	23.37	25.06	51.57	0.86	32.70	67.30	1.12	6.0	74
2	ETT_SP_10129-1B	2.97	24.63	23.52	48.88	0.73	0.54	25.25	24.11	50.10	0.75	25.39	24.24	50.37	0.75	32.48	67.52	1.01	6.0	74
3	ETT_SP_10129-2A	4.25	23.85	23.88	48.22	0.73	0.61	24.55	24.79	50.06	0.76	24.70	24.94	50.36	0.76	33.12	66.88	1.01	6.0	74
4	ETT_SP_10129-2B	3.40	22.43	24.50	49.67	0.69	0.55	23.09	25.22	51.13	0.71	23.22	25.36	51.42	0.72	33.03	66.97	0.93	6.0	73
5	ETT_SP_10129-3A	3.07	21.04	25.27	50.63	0.83	0.59	21.58	25.91	51.92	0.85	21.71	26.07	52.23	0.86	33.29	66.71	1.09	6.0	77
6	ETT_SP_10129-3B	3.84	19.93	26.06	50.17	1.03	0.58	20.61	26.94	51.87	1.06	20.73	27.10	52.17	1.07	34.19	65.81	1.35	6.0	78
7	ETT_SP_10129-4A	2.75	21.71	25.02	50.52	0.70	0.55	22.20	25.58	51.66	0.72	22.33	25.73	51.95	0.72	33.12	66.88	0.93	6.5	82
8	ETT_SP_10129-4B	4.33	23.17	24.26	48.24	1.07	0.49	24.10	25.23	50.18	1.11	24.22	25.35	50.43	1.11	33.46	66.54	1.47	6.0	75
9	ETT_SP_10129-5A	2.87	22.43	24.99	49.71	0.94	0.60	22.95	25.58	50.87	0.96	23.09	25.73	51.18	0.96	33.46	66.54	1.25	6.5	80
10	ETT_SP_10129-5B	3.99	20.55	24.93	50.53	0.84	0.54	21.29	25.83	52.34	0.87	21.40	25.97	52.63	0.88	33.04	66.96	1.11	6.5	77
11	ETT_SP_10129-6A	3.51	18.55	25.83	52.12	1.01	0.65	19.10	26.59	53.66	1.04	19.22	26.77	54.01	1.05	33.14	66.86	1.30	6.5	84
12	ETT_SP_10129-6B	3.15	21.07	24.95	50.62	0.70	0.73	21.60	25.58	52.09	0.72	21.76	25.77	52.48	0.73	32.93	67.07	0.93	6.5	81

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSW-40/23	ASH	VOL	TSUL
Certified Value	10.67	20.59	0.620
Standard Deviation	0.056	0.137	0.0144
Unit	%	%	%
Analyzed value	10.64	20.48	0.621

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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Улаанбаатар хот

