
COAL QUALITY SPECIFICATION

№ ETT_SP_SSC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

<p>TOTAL MOISTURE (ar)</p> <p>4.0%</p> <p>(-2.0; +2.0)</p>	<p>ASH (db)</p> <p>20.0%</p> <p>(-5.0; +5.0)</p>	<p>VOLATILE MATTER (daf)</p> <p>34.0%</p> <p>(-2.0; +2.0)</p>
<p>TOTAL SULPHUR (db)</p> <p>1.2</p> <p>(-0.5; +0.5)</p>	<p>G INDEX</p> <p>75.0</p> <p>(-10.0; +10.0)</p>	<p>QUANTITY</p> <p>320.0</p> <p>THOUSAND TONS</p>

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

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CERTIFICATE OF ANALYSIS
 24A157, A196, A213, A254, A259-TT

CLIENT: Erdenes Tavan Tolgoi JSC
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ATTN: Munkhtuul.G
PROJECT NO. xxx
LAB. JOB NO. 24A157, A196, A213, A254, A259-TT
NO. SAMPLES: 9
Notes/Comments: xxx

SAMPLES RECEIVED: 21/01/2024 31/01/2024
INSTRUCTIONS RECEIVED: 21/01/2024 31/01/2024
DATE OF REPORT: 22/01/2024 1/02/2024
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 22/01/2024 1/02/2024
PREPARATION CODE: CSPSC, CSPC, CSPG
ANALYSIS CODE: 1_COKING COAL, CSN
 TM, MOIS, ASH, VOL,
 TSUL, GCV, COKN

APPROVED BY:

 Quality Manager
CHECKED BY: Chief Chemist

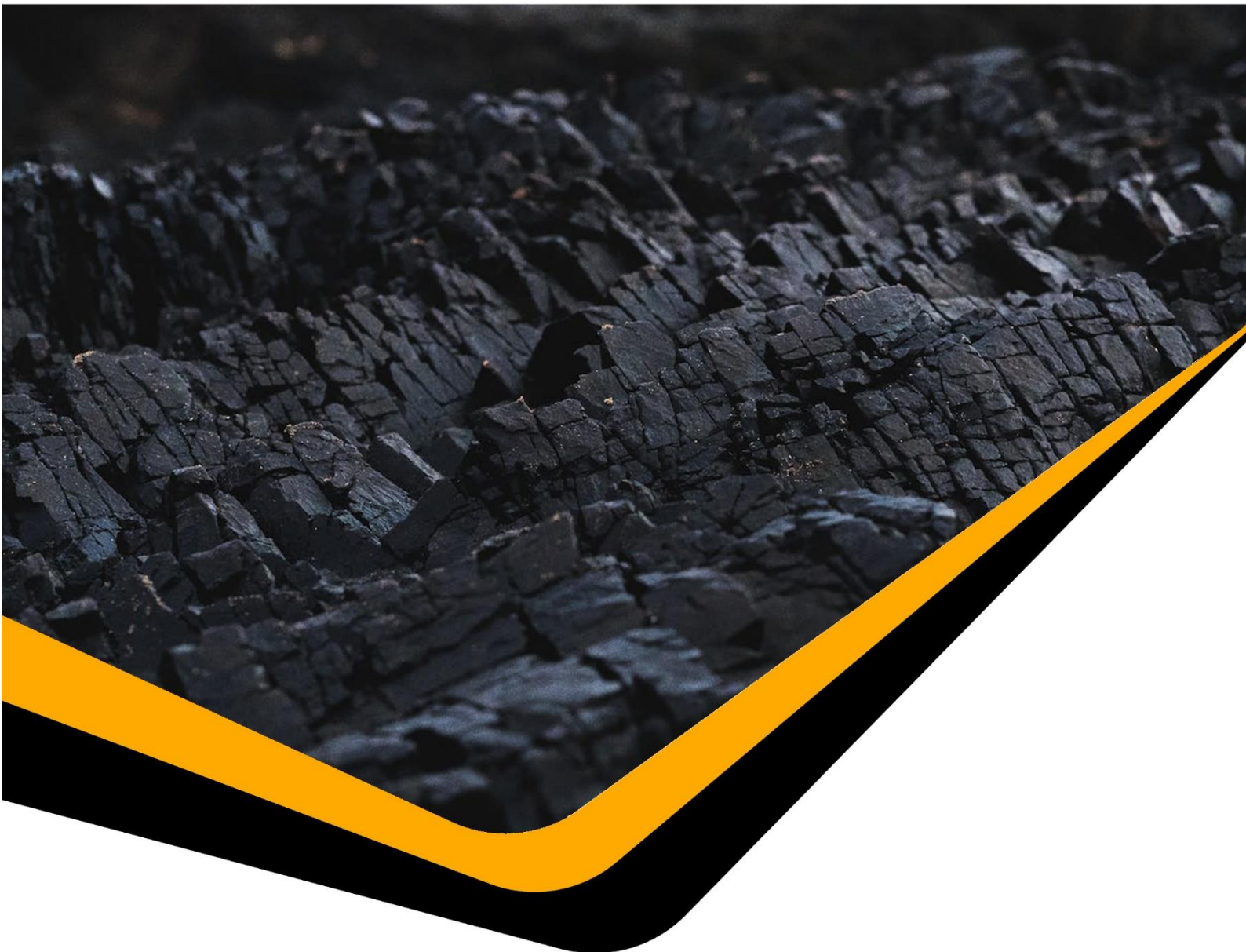
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	STANDARD METHOD		AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS				Crucible Swelling Number (CSN)	Coal Caking Index (CKIN)			
		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)	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)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Volatiles Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Crucible Swelling Number (CSN)	CKIN	CKIN
1	ETT_SP_20030-1A	5.32	15.95	27.37	51.34	0.89	0.73	14.72	28.70	53.85	0.93	16.85	28.91	54.25	0.94	34.76	65.24	1.13	6.5	75	-	-	-	-
2	ETT_SP_20030-1B	5.59	15.78	27.38	51.25	1.21	0.82	16.58	28.77	53.84	1.27	16.71	29.00	54.28	1.28	34.63	65.17	1.54	6.5	74	-	-	-	-
3	ETT_SP_20030-1C	5.63	15.13	27.71	51.53	0.88	0.88	15.89	29.10	54.12	0.92	16.03	29.36	54.60	0.93	34.97	65.03	1.11	6.5	78	-	-	-	-
4	ETT_SP_20030-2A	4.31	14.45	27.56	53.67	0.90	0.59	15.02	28.63	55.76	0.94	15.11	28.80	56.09	0.94	33.93	66.07	1.11	6.0	75	-	-	-	-
5	ETT_SP_20030-2B	4.21	17.47	28.59	51.63	1.08	0.60	18.13	27.69	53.58	1.12	18.24	27.86	53.90	1.13	34.07	65.93	1.38	5.5	72	-	-	-	-
6	ETT_SP_20030-3A	3.42	16.15	27.65	52.57	0.87	0.63	16.62	28.65	54.09	0.89	16.73	28.54	54.43	0.90	34.63	65.37	1.08	6.0	74	-	-	-	-
7	ETT_SP_20030-3B	3.75	15.45	27.54	53.25	0.85	0.61	15.96	28.44	55.00	0.88	16.06	28.61	55.33	0.89	34.09	65.91	1.06	6.0	72	-	-	-	-
8	ETT_SP_20030-4A	3.04	14.37	28.77	53.92	0.71	0.75	14.71	29.45	55.09	0.72	14.82	29.67	55.51	0.73	34.84	65.16	0.86	6.0	78	-	-	-	-
9	ETT_SP_20030-4B	4.34	11.68	28.09	55.89	0.54	0.79	12.12	29.13	57.96	0.56	12.21	29.36	58.42	0.56	33.45	66.55	0.64	6.5	78	-	-	-	-

QUALITY ASSURANCE/QUALITY CONTROL DATA

STD/ALSHS-40/22	ASH	VOL	TSUL
Certified Value	10.67	20.55	0.620
Standard Deviation	0.056	0.137	0.0164
Unit	%	%	%
Analyzed value	10.69	20.53	0.617

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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Чингэлтэй дүүрэг,
Улаанбаатар хот

