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# COAL QUALITY SPECIFICATION

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Nº ETT\_SP\_SSC

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ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



### COAL STOCKPILES QUALITY (weighted average)

<p><b>TOTAL MOISTURE (ar)</b></p> <p><b>3.0%</b></p> <p>(-1.0; +1.0)</p>	<p><b>ASH (db)</b></p> <p><b>23.5%</b></p> <p>(-5.0; +5.0)</p>	<p><b>VOLATILE MATTER (daf)</b></p> <p><b>33.0%</b></p> <p>(-1.5; +1.5)</p>
<p><b>TOTAL SULPHUR (db)</b></p> <p><b>1.1%</b></p> <p>(-0.5; +0.5)</p>	<p><b>G INDEX</b></p> <p><b>70.0</b></p> <p>(-5.0; +10.0)</p>	<p><b>QUANTITY</b></p> <p><b>512.0</b></p> <p>THOUSAND TONS</p>

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

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CERTIFICATE OF ANALYSIS  
24D185,E118,E123,E282,F137,F142,F166-TT

**CLIENT:** Erdenes Tavan Tolgoi JSC  
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1st khoroо, Chingeltei District  
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**ATTN:** Munkhtuul.G  
**PROJECT NO.:** xxx  
**LAB. JOB NO.:** 24D185,E118,E123,E282,F137,F142,F166-TT  
**NO. SAMPLES:** 10  
**Notes/Comments:** xxx

**SAMPLES RECEIVED:** 22/04/2024 22/06/24  
**INSTRUCTIONS RECEIVED:** 22/04/2024 22/06/24  
**DATE OF REPORT:** 23/04/2024 23/06/24  
**STATUS OF REPORT:** FINAL  
**ANALYSIS COMPLETE:** 23/04/2024 23/06/24  
**PREPARATION CODE:** GSPRC, GSPC, CSPG  
**ANALYSIS CODE:** C-COKING COAL, CSM  
TSUL, GCV, CKN  
**APPROVED BY:** [Signature]  
Quality Manager

CHECKED BY: Chief Chemist

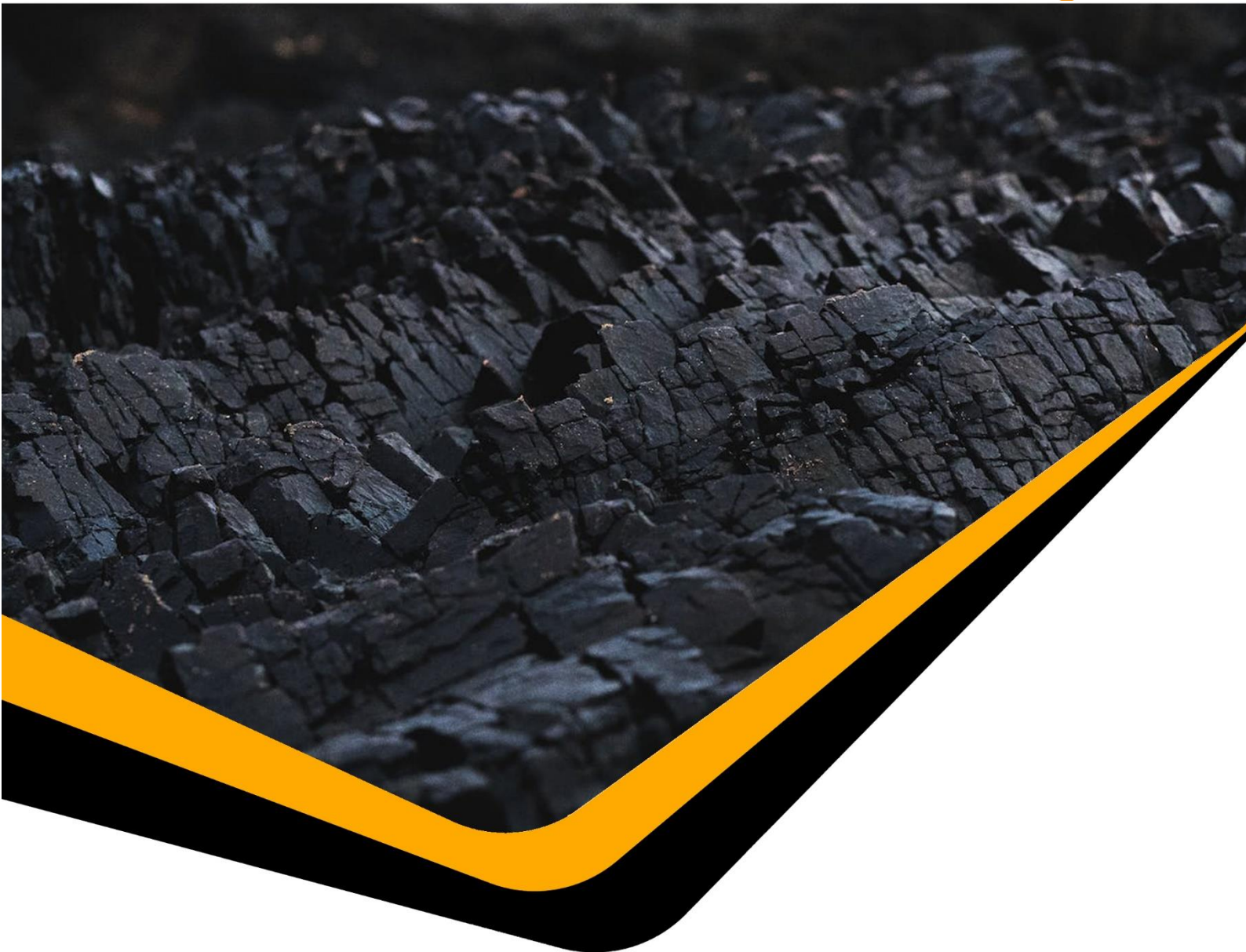
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS					DRY BASIS					Crucible Swelling Number (CSN)	Coal Caking Index (CCI)	
		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	5:1		3:3	
		Total Moisture (TM)	Ash (ASH)	Volatile Matter (VOL)	Fixed Carbon	Total Sulphur (TSUL)	Moisture (MOHS)	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-10244-1A	2.67	18.61	26.54	52.19	0.86	0.69	18.98	27.07	53.25	0.88	19.12	27.26	53.62	0.88	33.71	66.29	1.09	6.5	61	-	-		
2	ETT-SP-10244-1B	3.01	18.30	26.44	52.25	1.27	0.66	18.74	27.08	53.52	1.30	18.87	27.26	53.87	1.31	33.60	66.40	1.62	6.5	81	-	-		
3	ETT-SP-10244-2A	0.84	20.92	26.11	52.13	0.82	0.41	21.01	26.22	52.35	0.83	21.10	26.33	52.57	0.83	33.37	66.53	1.05	6.0	75	-	-		
4	ETT-SP-10244-2B	1.46	21.87	25.85	50.81	0.86	0.40	22.11	26.13	51.36	0.87	22.20	26.23	51.57	0.87	33.72	66.29	1.12	6.5	78	-	-		
5	ETT-SP-10244-3A	1.37	27.55	24.90	46.18	2.06	0.63	27.76	25.09	46.52	2.07	27.93	25.25	46.82	2.09	35.03	64.97	2.89	5.5	69	-	-		
6	ETT-SP-10244-3B	2.24	22.40	25.77	49.59	1.11	0.75	22.74	26.16	50.35	1.12	22.91	26.36	50.73	1.13	34.19	65.81	1.47	6.0	77	-	-		
7	ETT-SP-10244-4A	1.33	22.73	24.92	51.02	0.79	0.65	22.89	25.09	51.37	0.79	23.04	25.26	51.70	0.80	32.82	67.18	1.04	6.5	79	-	-		
8	ETT-SP-10244-4B	1.75	21.67	25.76	50.81	1.05	0.66	21.91	26.05	51.38	1.06	22.06	26.22	51.72	1.07	33.65	66.35	1.27	6.5	83	-	-		
9	ETT-SP-10244-5A	1.62	24.43	25.03	48.92	0.69	0.71	24.66	25.26	49.37	0.69	24.84	25.44	49.72	0.70	33.85	66.15	0.93	6.0	74	-	-		
10	ETT-SP-10244-5B	1.62	27.80	24.13	46.45	0.73	0.73	28.05	24.35	46.87	0.74	28.26	24.53	47.21	0.74	34.19	65.81	1.03	6.0	69	-	-		

QUALITY ASSURANCE/QUALITY CONTROL DATA

	ASH	VOL	TSUL
STDALSWS-60/23			
Certified Value	10.67	20.55	0.620
Standard Deviation	0.056	0.137	0.0144
Unit	%	%	%
Analyzed value	10.65	20.58	0.610

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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