
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>19.5%</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>1504.0</p> <p>THOUSAND TONNES</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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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: CSP5C, CSPC, CSPG
ANALYSIS CODE: 1. COKING COAL, CSN
TM, MOIS, ASH, VOL,
TSUL, GCV, CKIN

APPROVED BY:

Quality Manager - 2
[Signature]
CHECKED BY: Chief Chemist

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

LAB NO.	SAMPLE NO.	STANDARD METHOD																			Crucible Swelling Number (CSN)	GB/T 5447	
		AS RECEIVED BASIS				AIR DRIED BASIS				DRY BASIS				DRY, ASH-FREE BASIS				5:1	3:3				
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)	Crucible Swelling Number (CSN)			Coal Caking Index (CKIN)			
1	ETT_SP_20030-1A	5.32	15.95	27.37	51.36	0.89	0.73	16.72	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	34.83	65.17	1.54	6.5	74	-		
3	ETT_SP_20030-1C	5.63	15.13	27.71	51.53	0.88	0.86	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	33.92	65.07	1.11	6.0	75	-		
5	ETT_SP_20030-2B	4.21	17.47	26.69	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	1.39	5.5	72	-		
6	ETT_SP_20030-3A	3.42	16.15	27.85	52.57	0.87	0.63	16.62	28.66	54.99	0.89	16.73	28.84	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	53.82	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/ALSWS-60/23	ASH	VOL	TSUL
Certified Value	10.67	20.55	0.620
Standard Deviation	0.056	0.197	0.0144
Unit	%	%	%
Analyzed value	10.89	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.
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