



COAL QUALITY SPECIFICATION

Nº 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>18.5%</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>64.0</p> <p>THOUSAND TONS</p>

THE FOLLOWING IS THE RESULT OF THE LABORATORY TEST

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

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jigjidjav-8
Tat Khairon, Chingelien District
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ATTN: Munkhtul.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, OKIN

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

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

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS											AIR DRIED BASIS											Crescible Swelling Number (CSN)	Coal Caking Index (CKIN)	
		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)	Fixed Carbon	Total Sulphur (TSUL)	Fixed Carbon	Total Sulphur (TSUL)	8:1	3:3					
1	ETT_SP_20030-1A	5.32	15.95	27.37	51.36	0.89	0.73	16.72	28.70	53.65	0.93	16.65	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	0.88	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	52.67	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	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	1.38	5.5	72	-					
6	ETT_SP_20030-3A	3.42	16.15	27.85	52.57	0.87	0.63	16.62	28.66	54.09	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	0.81	15.96	28.44	55.00	0.88	16.66	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	0.64	12.21	29.36	58.42	0.56	33.45	66.55	0.64	6.5	78	-					

QUALITY ASSURANCE/QUALITY CONTROL DATA

STDALSWS-60/23	ASH	VOL	TSUL
Certified Value	10.67	30.55	0.620
Standard Deviation	0.056	0.137	0.0144
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.
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