
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>3.12%</p> <p>(-0.8; +0.8)</p>	<p>ASH (db)</p> <p>24.5%</p> <p>(-5.0; +5.0)</p>	<p>VOLATILE MATTER (daf)</p> <p>33.0%</p> <p>(-1.5; +1.5)</p>
<p>TOTAL SULPHUR (db)</p> <p>1.1%</p> <p>(-0.5; +0.5)</p>	<p>G INDEX</p> <p>70.0</p> <p>(-5.0; +10.0)</p>	<p>QUANTITY</p> <p>128.0</p> <p>THOUSAND TONS</p>

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

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CERTIFICATE OF ANALYSIS
23172, I189, J52, J243, K43, L78, 24444, A89, A153, A173, A197, A225-TT

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jlgidjav-8
1st Khovoo, Chinggis Avenue District
Ulaanbaatar, Mongolia
ATTN: Munkhtuu.G
PROJECT NO.: xxx
LAB. JOB NO.: 23172, I189, J52, J243, K43, L78, 24444, A89, A153, A173, A197, A225-TT
NO. SAMPLES: 25
Notes/Comments: xxx

SAMPLES RECEIVED: 09/Sep/23 27/Jun/24
INSTRUCTIONS RECEIVED: 09/Sep/23 27/Jun/24
DATE OF REPORT: 10/Sep/23 28/Jun/24
STATUS OF REPORT: FINAL
ANALYSIS COMPLETED: 10/Sep/23 28/Jun/24
PREPARATION CODE: CRUSH-01, 02; MILL-01
ANALYSIS CODE: 1_COOKING COAL, CSN
TM, ASH, MOIS, VOL,
TSUL, GIN

APPROVED BY: Laboratory Manager

Quality Manager - C
Checked by: Chief Chemist

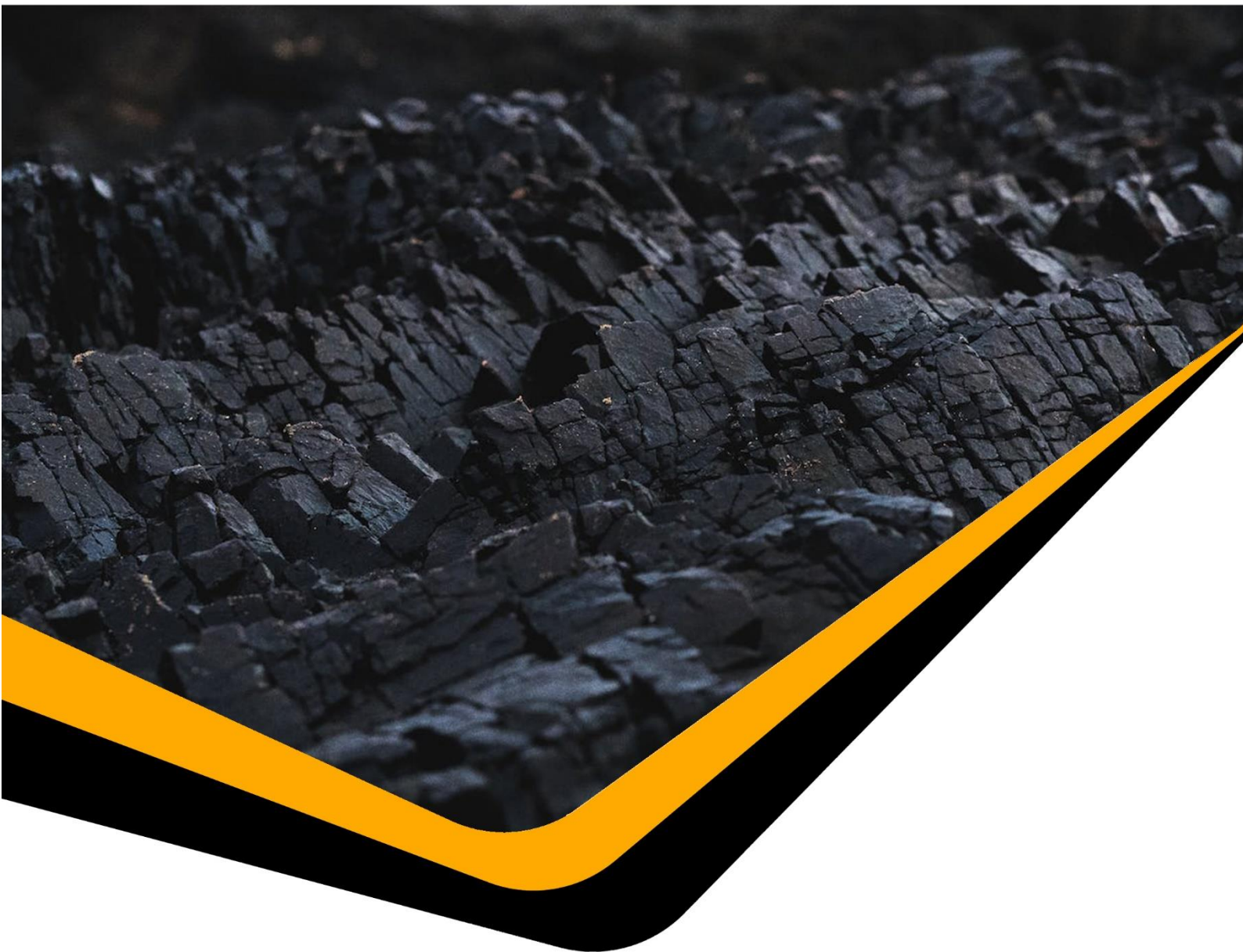
These test results are representative only of the sample received in the laboratory.

LAB NO.	SAMPLE NO.	AS RECEIVED BASIS										AIR DRIED BASIS										DRY BASIS										Cresible Swelling Number (CSN)	Coal Caking Index (CKIN)	
		Total Moisture (TM)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Moisture (MOIS)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	5-1	3-3									
1	ETT_SP_10069-1A	0.80	24.33	20.45	54.22	0.73	0.45	24.42	20.72	54.40	0.73	24.53	20.82	54.45	0.73	27.58	72.42	0.97	6.0	71														
2	ETT_SP_10069-1B	0.71	26.48	19.86	52.95	1.29	0.49	26.54	19.90	53.07	1.29	26.67	20.00	53.33	1.30	27.27	72.73	1.77	4.0	52														
3	ETT_SP_10069-1C	4.65	12.79	28.04	54.52	0.52	0.85	13.30	29.16	56.69	0.54	13.42	29.41	57.18	0.55	33.96	66.04	0.63	6.0	70														
4	ETT_SP_10069-1D	2.44	23.69	20.89	52.58	0.73	0.66	24.13	21.27	53.95	0.74	24.28	21.41	54.30	0.74	28.28	71.72	0.98	5.5	66														
5	ETT_SP_10069-1E	3.71	24.81	21.74	49.73	0.65	0.68	25.59	22.43	51.30	0.67	25.76	22.58	51.85	0.67	30.42	69.58	0.99	5.5	69														
6	ETT_SP_10069-2A	1.80	30.82	20.72	46.67	0.65	0.71	31.16	20.95	47.19	0.66	31.38	21.10	47.52	0.66	30.74	69.26	0.96	6.6	66														
7	ETT_SP_10069-2B	1.54	26.07	22.38	50.01	0.70	0.62	26.32	22.59	50.48	0.71	26.48	22.73	50.79	0.71	30.91	69.09	0.97	7.6	76														
8	ETT_SP_10069-3C	2.11	37.55	19.05	41.29	0.57	0.73	38.08	19.32	41.87	0.58	38.36	19.46	42.18	0.58	31.57	68.43	0.94	4.3	43														
9	ETT_SP_10069-2D	2.67	32.30	20.18	44.85	0.62	0.79	32.92	20.57	45.72	0.63	33.19	20.73	46.08	0.64	31.03	68.97	0.95	6.2	62														
10	ETT_SP_10069-2E	1.32	22.93	21.30	54.45	0.47	0.43	23.13	21.49	54.94	0.48	23.23	21.58	55.18	0.48	28.12	71.88	0.63	5.5	66														
11	ETT_SP_10069-3A	1.86	21.10	22.78	54.28	0.56	0.43	21.41	23.11	55.06	0.57	21.50	23.21	55.29	0.57	29.57	70.43	0.73	6.5	81														
12	ETT_SP_10069-3B	2.22	22.24	20.74	54.80	0.64	0.44	22.64	21.12	55.80	0.46	22.74	21.21	56.04	0.46	27.46	72.54	0.85	6.0	74														
13	ETT_SP_10069-3C	2.31	15.52	24.36	57.80	0.60	0.42	15.82	24.83	58.92	0.61	15.89	24.94	59.17	0.61	29.65	70.35	0.73	6.5	81														
14	ETT_SP_10069-3D	2.75	19.68	22.58	54.99	0.57	0.60	20.12	23.08	56.21	0.58	20.24	23.22	56.54	0.58	29.11	70.89	0.73	6.5	78														
15	ETT_SP_10069-3E	2.74	18.20	23.22	55.82	0.63	0.58	18.61	23.74	57.08	0.65	18.72	23.88	57.41	0.65	29.37	70.63	0.80	6.5	80														
16	ETT_SP_10169-4A	1.89	24.08	21.61	52.42	0.56	0.44	24.44	21.93	53.19	0.57	24.55	22.03	53.43	0.57	29.19	70.81	0.76	6.0	72														
17	ETT_SP_10069-4B	2.67	28.78	20.88	47.66	0.56	0.55	29.41	21.34	48.71	0.57	29.57	21.46	48.97	0.57	30.46	69.54	0.81	5.5	66														
18	ETT_SP_10069-4C	2.91	20.33	23.14	53.42	0.69	0.56	21.02	23.79	54.72	0.70	21.14	23.84	55.02	0.71	30.23	69.77	0.90	6.5	77														
19	ETT_SP_10069-4D	2.96	23.28	21.45	52.12	0.82	0.52	23.86	22.19	53.43	0.84	23.98	22.31	53.71	0.84	29.35	70.65	1.11	6.0	75														
20	ETT_SP_10069-4E	3.36	16.92	23.85	55.87	0.90	0.50	17.42	24.56	57.53	0.93	17.50	24.68	57.82	0.94	29.92	70.08	1.13	6.5	87														
21	ETT_SP_10069-5A	3.73	22.94	21.90	51.42	0.74	0.71	23.66	22.59	53.04	0.72	23.83	22.75	53.42	0.72	29.87	70.13	1.02	6.5	78														
22	ETT_SP_10069-5B	4.14	19.30	22.67	53.89	0.77	0.59	20.01	23.51	55.89	0.80	20.13	23.65	56.22	0.80	29.61	70.39	1.00	6.5	80														
23	ETT_SP_10069-5C	4.07	24.23	21.33	50.37	0.70	0.62	25.10	22.10	52.18	0.72	25.24	22.24	52.51	0.73	29.75	70.25	0.97	6.0	74														
24	ETT_SP_10069-5D	4.08	21.87	22.63	51.42	0.68	0.62	22.46	23.45	53.27	0.71	22.80	23.59	53.61	0.71	30.56	69.44	0.92	6.5	82														
25	ETT_SP_10069-5E	3.15	18.25	23.65	54.94	0.73	0.40	18.77	24.32	56.50	0.75	18.85	24.42	56.73	0.75	30.09	69.91	0.92	6.5	86														

QUALITY ASSURANCE/QUALITY CONTROL DATA

STANDARD	ASH	VOL	TSUL
Certified Value	20.33	20.33	0.606
Standard Deviation	0.039	0.064	0.0158
Unit	%	%	%
Analyzed value	20.67	20.33	0.606

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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