
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>4.5%</p> <p>(±1.5)</p>	<p>ASH (db)</p> <p>20.0%</p> <p>(±5.0)</p>	<p>VOLATILE MATTER (daf)</p> <p>32.5%</p> <p>(±1.5)</p>
<p>TOTAL SULPHUR (db)</p> <p>1.1%</p> <p>(±0.5)</p>	<p>G INDEX</p> <p>70.0</p> <p>(-5.0; +10.0)</p>	<p>QUANTITY</p> <p>512.0</p> <p>THOUSAND TONS</p>

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

ALS GROUP LLC
Mongol National Building, 2nd floor
Chinggis Avenue, Khan-Uul District
Ulaanbaatar, Mongolia
Tel: +976 70 507057



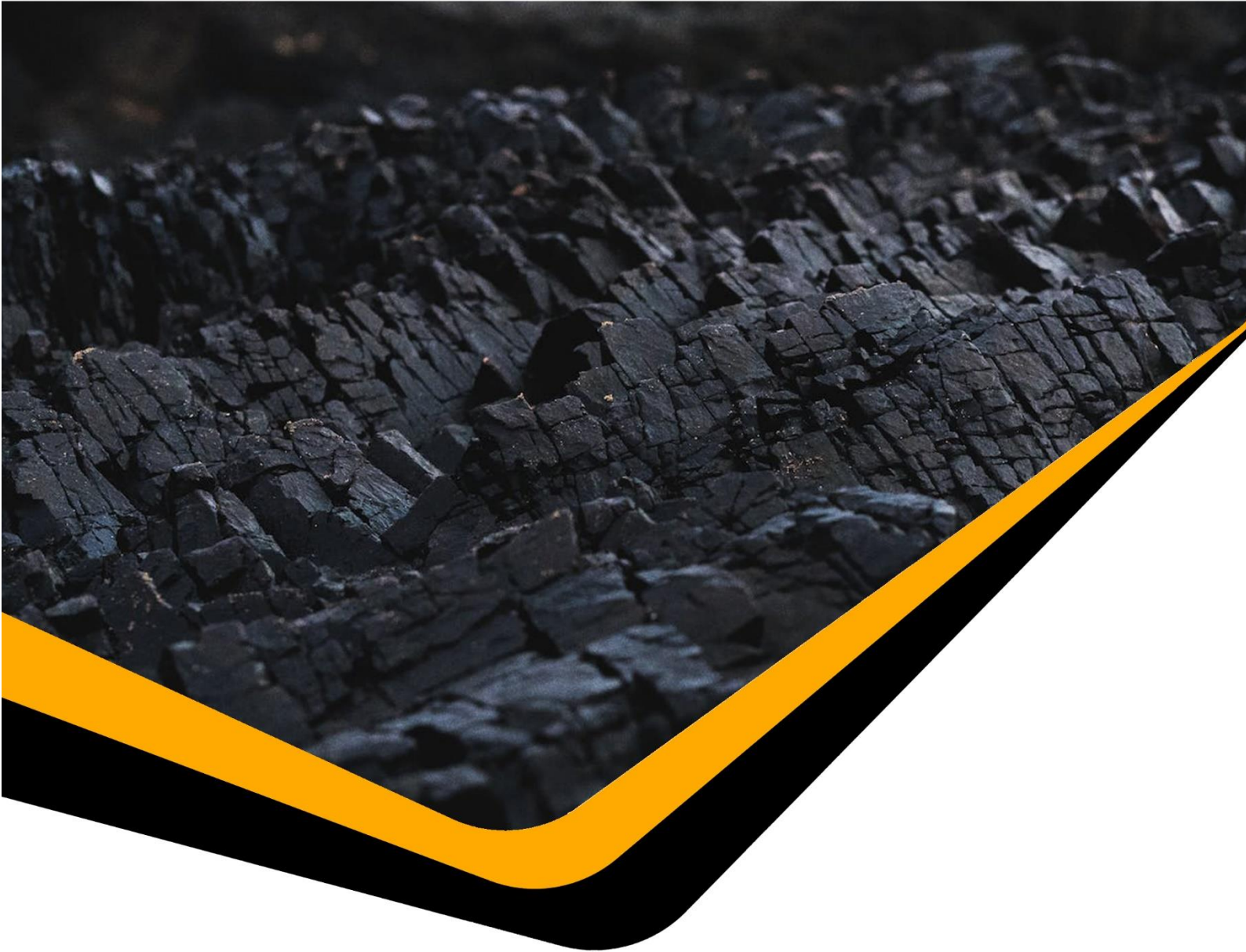
CERTIFICATE OF ANALYSIS
24K171,K182,K209,K215,K241,K257,K270,L05,L09,L149-TT

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jigjidiin-8
1st Khoroо, Chingelzel District
Ulaanbaatar, Mongolia
ATTN: MurkhshuulG
PROJECT NO. xxx
LAB. JOB NO. 24K171,K182,K209,K215,K241,K257,K270,L05,L09,L149-TT
NO. SAMPLES: 18
Notes/Comments: xxx

SAMPLES RECEIVED: 19/11/2024 17/12/2024
INSTRUCTIONS RECEIVED: 19/11/2024 17/12/2024
DATE OF REPORT: 20/11/2024 18/12/2024
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 20/11/2024 18/12/2024
PREPARATION CODE: CSPBC, CSPC, CSPG
ANALYSIS CODE: 1.1, COOKING COAL
TRA.MOUL, ASH, VOL, TSUL, CSO, CMA
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				DRY, ASH-FREE BASIS				Crosible Swelling Number (CSN)	Coal Caking Index (CKI)	
		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)
1	2413219	3.61	14.95	29.11	52.33	0.83	0.76	15.39	29.97	53.87	0.86	15.51	30.20	54.29	0.86	35.75	64.25	1.02	6.5	81
2	2413319	3.99	15.36	29.65	51.00	0.89	0.66	15.89	30.68	52.76	0.92	16.00	30.89	53.12	0.93	36.77	63.23	1.10	6.5	80
3	2413119	3.44	15.23	27.74	53.59	1.18	0.76	15.65	28.51	55.08	1.21	15.77	28.73	55.50	1.22	34.11	65.89	1.45	6.5	77
4	2414020	4.72	17.26	27.06	50.95	0.99	0.76	17.98	28.19	53.07	1.03	18.12	28.41	52.48	1.03	34.69	65.31	1.26	6.0	75
5	2414120	4.61	16.32	27.40	51.67	1.01	0.80	16.97	28.49	53.74	1.05	17.11	28.72	54.17	1.06	34.65	65.35	1.28	6.5	77
6	2414220	4.84	16.52	27.38	51.27	1.02	0.84	17.21	28.53	53.42	1.06	17.36	28.77	53.87	1.07	34.81	65.19	1.29	6.5	78
7	2419922	4.49	14.65	27.55	53.32	1.13	0.76	15.22	28.63	55.40	1.18	15.33	28.85	55.82	1.19	34.07	65.93	1.40	6.0	75
8	2417723	4.55	12.91	28.50	53.44	0.93	0.79	14.39	29.57	55.26	0.96	14.50	29.80	55.70	0.97	34.86	65.14	1.13	6.5	80
9	2417823	4.77	12.87	28.55	53.79	0.77	0.52	13.45	29.84	56.19	0.80	13.52	29.99	56.49	0.81	34.68	65.32	0.93	6.5	77
10	2420226	4.85	15.02	27.05	53.07	0.78	0.78	15.66	28.21	55.35	0.81	15.78	28.43	55.78	0.82	33.76	64.24	0.97	6.0	73
11	2420426	5.32	14.19	27.21	53.27	0.85	0.73	14.88	28.53	55.85	0.89	14.99	28.74	56.27	0.90	33.81	66.19	1.05	6.5	80
12	2419928	4.40	11.73	28.29	55.50	0.86	0.87	16.16	29.34	57.63	0.89	12.27	29.59	58.14	0.90	33.73	66.27	1.02	6.5	78
13	2422629	4.20	13.69	28.06	54.06	0.91	0.83	14.17	29.94	55.96	0.94	14.29	29.28	56.43	0.95	34.17	65.83	1.11	6.5	79
14	2423301	4.66	11.29	29.11	54.94	0.73	0.80	11.78	30.20	57.16	0.76	11.84	30.54	57.62	0.77	34.54	65.36	0.87	7.0	82
15	2423401	4.86	11.26	29.36	54.51	0.87	0.91	11.73	30.58	56.77	0.91	11.84	30.86	57.30	0.91	35.01	64.99	1.04	7.0	82
16	2427468	3.72	13.13	29.30	53.85	0.91	0.71	13.54	30.22	56.54	0.94	13.63	30.43	56.93	0.95	35.24	64.76	1.10	6.5	79
17	2427568	3.92	13.82	29.36	52.91	1.00	0.76	14.27	30.32	56.64	1.03	14.38	30.55	56.66	1.04	35.69	64.31	1.21	6.5	81
18	2433617	4.14	13.67	28.75	53.44	0.68	0.83	14.14	29.74	55.29	0.70	14.26	29.99	55.75	0.71	34.99	65.02	0.82	6.5	81



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Улаанбаатар хот

