
COAL QUALITY SPECIFICATION

Nº ETT_SP_WTC



ISO 45001:2018



ISO 9001:2015



ISO 14001:2015



COAL STOCKPILES QUALITY (weighted average)

TOTAL
MOISTURE (ar)

≤9.0%

ASH (db)

≤22%

VOLATILE
MATTER (daf)

<37.0%

TOTAL SULPHUR (db)

≤1.0

Calorific value
CV (ar)

≥5500

G INDEX

≤20.0

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 76 607667



CERTIFICATE OF ANALYSIS
24L170-24L278-TT

CLIENT: Erdenes Tavantolgoi JSC
ADDRESS: Finance Center, Jigkhjav-8
Tsetkhovoo, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Oyunkibeg.B
PROJECT NO. xxx
LAB. JOB NO. 24L170-24L278-TT
NO. SAMPLES: 32
Notes/Comments: xxx

SAMPLES RECEIVED: 19/12/2024 27/12/2024
INSTRUCTIONS RECEIVED: 19/12/2024 27/12/2024
DATE OF REPORT: 19/12/2024 27/12/2024
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 19/12/2024 27/12/2024
PREPARATION CODE: CRUSH-01, G2, MILL-01
ANALYSIS CODE: 1.1 COARSE GRAL
1.3 COARSE GRAL
2.1 THERMAL GRAL
2.1.1 SHOROT
TM 19/12/2024 27/12/2024 (24)
Q/IN
APPROVED BY:
Quality Manager
CHECKED BY: Chief Chemist

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

STANDARD METHOD		GB/T 211	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213	GB/T 212	GB/T 212	GB/T 212	GB/T 212	ISO 19579	GB/T 213
LAB NO.	SAMPLE NO.	AS RECEIVED BASIS						AIR DRIED BASIS					
		Total Moisture (TM)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)	Moisture (MOIS)	Ash (ASH)	Volatiles Matter (VOL)	Fixed Carbon (FC)	Total Sulphur (TSUL)	Gross Calorific Value (GCV)
		%	%	%	%	%	kcal/kg	%	%	%	%	%	kcal/kg
1	CHPP-TC 2024.12.19 12:00	6.85	24.45	14.68	52.11	1.03	5555	0.87	26.02	17.67	53.45	1.10	5912
2	CHPP-TC 2024.12.20 10:00	7.57	24.12	17.05	51.26	1.20	5746	0.98	25.94	18.27	54.91	1.29	6156
3	CHPP-TC 2024.12.20 12:00	5.49	21.64	17.43	55.44	1.15	6205	0.70	22.73	16.31	58.25	1.30	6520
4	CHPP-TC 2024.12.20 14:00	5.46	20.65	17.84	56.05	1.18	6289	0.68	21.70	16.74	58.88	1.26	6606
5	CHPP-TC 2024.12.20 17:00	5.55	24.00	17.61	52.84	1.73	5922	0.66	25.25	16.52	55.57	1.82	6228
6	CHPP-TC 2024.12.21 12:00	6.40	24.14	16.99	52.46	1.32	5947	0.80	25.59	16.01	55.60	1.40	6303
7	CHPP-TC 2024.12.21 14:00	8.07	25.83	17.21	48.87	1.66	5539	0.74	27.91	16.58	52.77	2.00	5980
8	CHPP-TC 2024.12.21 16:00	6.27	23.00	17.60	53.13	1.43	6024	0.79	24.35	16.67	56.24	1.52	6376
9	CHPP-TC 2024.12.22 10:00	6.56	30.71	17.01	45.72	2.77	5211	0.62	32.66	18.09	48.63	2.95	5542
10	CHPP-TC 2024.12.22 12:00	6.25	29.55	17.12	47.08	2.15	5423	0.41	31.39	18.18	50.02	2.29	5762
11	CHPP-TC 2024.12.22 14:00	4.85	24.76	17.31	53.28	1.66	5977	0.54	25.83	18.06	55.58	1.52	6234
12	CHPP-TC 2024.12.22 16:00	4.62	27.07	17.37	50.93	1.69	5755	0.62	28.21	18.10	51.07	1.76	5997
13	CHPP-TC 2024.12.23 10:00	3.74	22.52	17.95	55.76	1.38	6277	0.70	27.23	17.53	57.53	1.40	6473
14	CHPP-TC 2024.12.23 12:00	4.56	23.81	18.06	55.59	1.71	6061	0.61	24.90	18.89	55.60	1.79	6339

This is the Final Report and encompasses any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been attached and approved for release.
COPY RIGHT PROTECTED DOCUMENT