
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>3.86%</p> <p>(-1.0; +2.0)</p> | <p>ASH (db)</p> <p>20.5%</p> <p>(-5.0; +5.0)</p> | <p>VOLATILE MATTER (daf)</p> <p>33.0%</p> <p>(-2.0; +2.0)</p> |
| <p>TOTAL SULPHUR (db)</p> <p>1.1</p> <p>(-0.5; +0.5)</p> | <p>G INDEX</p> <p>70</p> <p>(-10.0; +10.0)</p> | <p>QUANTITY</p> <p>320.0</p> <p>THOUSAND TONS</p> |

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

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Tel +976 70 051967



CERTIFICATE OF ANALYSIS
24A48, A65, AB1, AB8, A109, A128-TT

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jigjidjev-8
1st khoroo, Chingeltei District
Ulaanbaatar, Mongolia
ATTN: Bekhbat P
PROJECT NO. xxx
LAB. JOB NO. 24A48, A65, AB1, AB8, A109, A128-TT
NO. SAMPLES: 12
Notes/Comments: xxx

SAMPLES RECEIVED: 6/01/2024 17/01/2024
INSTRUCTIONS RECEIVED: 6/01/2024 17/01/2024
DATE OF REPORT: 7/01/2024 18/01/2024
STATUS OF REPORT: FINAL
ANALYSIS COMPLETE: 7/01/2024 18/01/2024
PREPARATION CODE: CSPSC, CSPC, CSPG
ANALYSIS CODE: 1, COOKING COAL, CSN
TM, MCIS, ASH, VOL, TSUL, GCV, CKN

APPROVED BY:

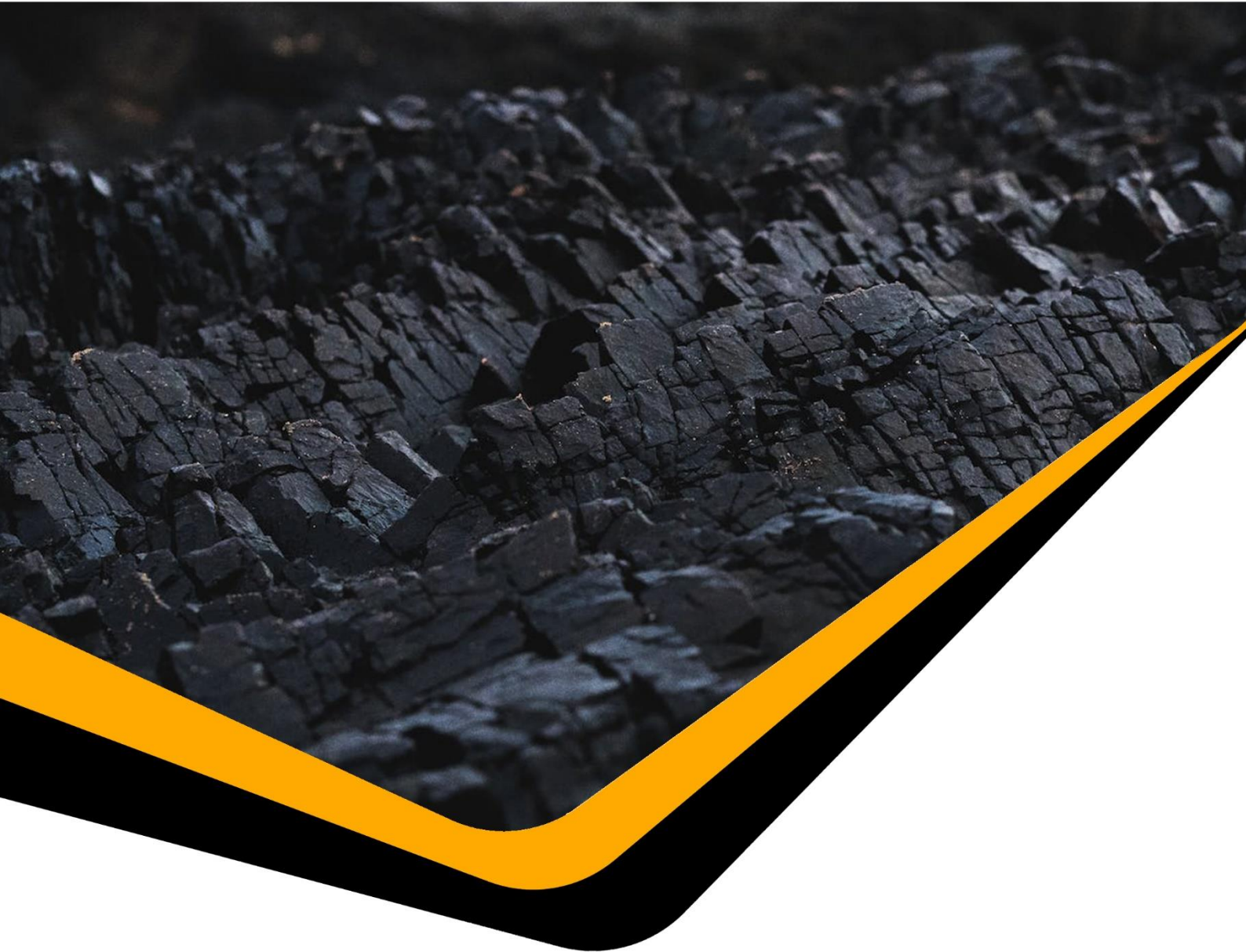
Quality Manager
Checked By: Chief Chemist

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

| LAB NO. | SAMPLE NO. | AS RECEIVED BASIS | | | | | | | | | | DRY BASIS | | | | | | | | | | Crucible Swelling Number (CSN) | Coal Caking Index (CCI) |
|---------|-----------------|---------------------|-----------|-----------------------|--------------|----------------------|-----------------|-----------|-----------------------|--------------|----------------------|-----------|-----------------------|--------------|----------------------|-----------------------|--------------|----------------------|-----|-----|--|--------------------------------|-------------------------|
| | | 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 | ETT_SP_20029-1A | 3.46 | 16.20 | 28.00 | 52.34 | 0.92 | 0.73 | 16.66 | 28.79 | 53.82 | 0.94 | 16.76 | 29.00 | 54.22 | 0.95 | 34.65 | 65.15 | 1.14 | 6.5 | 3.3 | | | |
| 2 | ETT_SP_20029-1B | 3.31 | 17.52 | 27.65 | 51.52 | 0.76 | 0.64 | 18.01 | 28.42 | 52.94 | 0.78 | 18.12 | 28.60 | 53.28 | 0.79 | 34.93 | 65.07 | 0.96 | 6.0 | 74 | | | |
| 3 | ETT_SP_20029-1C | 4.13 | 14.88 | 28.59 | 52.40 | 0.62 | 0.76 | 15.41 | 29.59 | 54.24 | 0.65 | 15.53 | 29.82 | 54.66 | 0.65 | 35.30 | 64.70 | 0.77 | 6.5 | 74 | | | |
| 4 | ETT_SP_20029-2A | 3.60 | 13.53 | 28.67 | 54.19 | 0.67 | 0.88 | 13.91 | 29.48 | 55.72 | 0.69 | 14.04 | 29.75 | 56.22 | 0.70 | 34.60 | 65.40 | 0.81 | 6.0 | 71 | | | |
| 5 | ETT_SP_20029-2B | 3.95 | 12.57 | 28.38 | 55.09 | 0.68 | 0.71 | 13.00 | 29.34 | 56.95 | 0.70 | 13.09 | 29.55 | 57.36 | 0.71 | 34.00 | 66.00 | 0.81 | 6.5 | 74 | | | |
| 6 | ETT_SP_20029-2C | 4.17 | 12.57 | 27.54 | 55.72 | 0.64 | 0.80 | 13.02 | 28.50 | 57.68 | 0.67 | 13.12 | 28.73 | 58.15 | 0.67 | 33.07 | 66.93 | 0.77 | 6.0 | 67 | | | |
| 7 | ETT_SP_20029-3A | 4.14 | 15.42 | 27.70 | 52.74 | 0.81 | 0.67 | 15.97 | 28.71 | 54.65 | 0.84 | 16.08 | 28.90 | 55.02 | 0.84 | 34.44 | 65.36 | 1.00 | 6.5 | 75 | | | |
| 8 | ETT_SP_20029-3B | 4.10 | 13.28 | 29.03 | 53.59 | 0.84 | 0.69 | 13.76 | 30.06 | 55.50 | 0.87 | 13.85 | 30.27 | 55.88 | 0.88 | 35.13 | 64.87 | 1.02 | 6.5 | 83 | | | |
| 9 | ETT_SP_20029-3C | 3.01 | 18.55 | 27.63 | 50.81 | 0.81 | 0.61 | 19.01 | 28.31 | 52.07 | 0.83 | 19.13 | 28.49 | 52.38 | 0.83 | 35.22 | 64.78 | 1.03 | 6.0 | 75 | | | |
| 10 | ETT_SP_20029-4A | 4.09 | 17.09 | 27.42 | 51.39 | 0.93 | 0.72 | 17.69 | 28.39 | 53.20 | 0.96 | 17.82 | 28.59 | 53.59 | 0.97 | 34.79 | 65.21 | 1.18 | 5.5 | 64 | | | |
| 11 | ETT_SP_20029-4B | 4.00 | 15.71 | 27.53 | 52.76 | 0.84 | 0.72 | 16.25 | 28.47 | 54.57 | 0.87 | 16.36 | 28.67 | 54.96 | 0.88 | 34.28 | 65.72 | 1.05 | 6.0 | 71 | | | |
| 12 | ETT_SP_20029-4C | 4.09 | 15.29 | 27.46 | 53.15 | 0.89 | 0.80 | 15.82 | 28.41 | 54.97 | 0.93 | 15.95 | 28.64 | 55.42 | 0.93 | 34.07 | 65.93 | 1.11 | 6.0 | 69 | | | |

QUALITY ASSURANCE/QUALITY CONTROL DATA

| STDALEWS-60/23 | ASH | VOL | TSUL |
|--------------------|-------|-------|--------|
| Certified Value | 10.67 | 20.55 | 6.620 |
| Standard Deviation | 0.056 | 0.137 | 0.0144 |
| Unit | % | % | % |
| Analyzed value | 10.65 | 20.53 | 6.628 |



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ISO 9001:2015



ISO 14001:2015



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Финанс төв, 1-р хороо,
Чингэлтэй дүүрэг,
Улаанбаатар хот

