
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>20.0%</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>73.0</p> <p>(-10.0; +10.0)</p> | <p>QUANTITY</p> <p>128.0</p> <p>THOUSAND TONNES</p> |

THE FOLLOWING IS THE RESULT OF THE LABORATORY TESTS

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

CLIENT: Erdenes Tavan Tolgoi JSC
ADDRESS: Finance Center, Jiglidjav-8
 1st khoroо, Chingelhei District
 Ulaanbaatar, Mongolia
ATTN: Munkhbaatar.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, OKN

APPROVED BY:
 Quality Manager - 2
 Chief Chemist

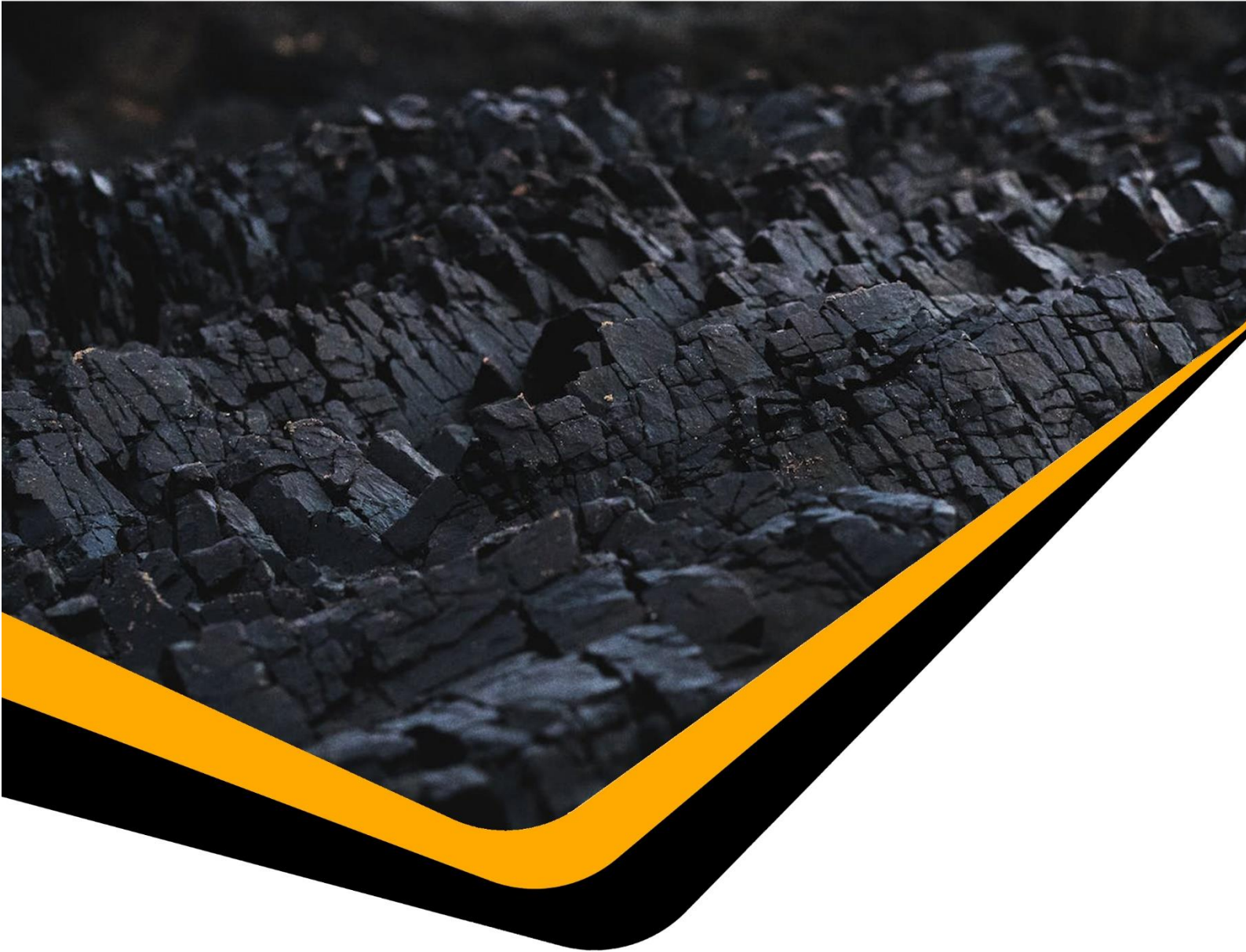
These test results are representative only of the sample received in the laboratory.

| LAB NO. | STANDARD METHOD | SAMPLE NO. | AS RECEIVED BASIS | | | | | | | | | | | | | | | | Crucible Swelling Number (CSN) | Coal Caking Index (CKIN) | |
|---------|-----------------|------------|---------------------|-----------|-----------------------|--------------|----------------------|-----------------|-----------|-----------------------|--------------|----------------------|-----------|-----------------------|---------------------|----------------------|-----------------------|--------------|--------------------------------|--------------------------|-----|
| | | | AS RECEIVED BASIS | | | | AIR DRIED BASIS | | | | DRY BASIS | | | | DRY, ASH-FREE BASIS | | | | | | |
| | | | 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 | | | |
| 1 | ETT_SP_20030-1A | 5.32 | 15.95 | 27.37 | 51.36 | 0.89 | 0.73 | 16.72 | 28.70 | 53.85 | 0.93 | 16.85 | 28.91 | 54.25 | 0.94 | 34.76 | 65.24 | 1.13 | 6.5 | 75 | 3-3 |
| 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 | 53.67 | 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 | 51.43 | 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 | 0.61 | 15.96 | 28.44 | 55.00 | 0.88 | 16.06 | 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 | 0.56 | 12.21 | 29.36 | 58.42 | 0.56 | 33.45 | 66.55 | 0.64 | 6.5 | 78 | - |

QUALITY ASSURANCE/QUALITY CONTROL DATA

| STDALSY-40/23 | ASH | VOL | TSUL |
|--------------------|-------|-------|--------|
| Certified Value | 19.67 | 26.55 | 0.620 |
| Standard Deviation | 0.056 | 0.137 | 0.0164 |
| Unit | % | % | % |
| Analyzed value | 19.69 | 26.53 | 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. COPY RIGHT PROTECTED DOCUMENT



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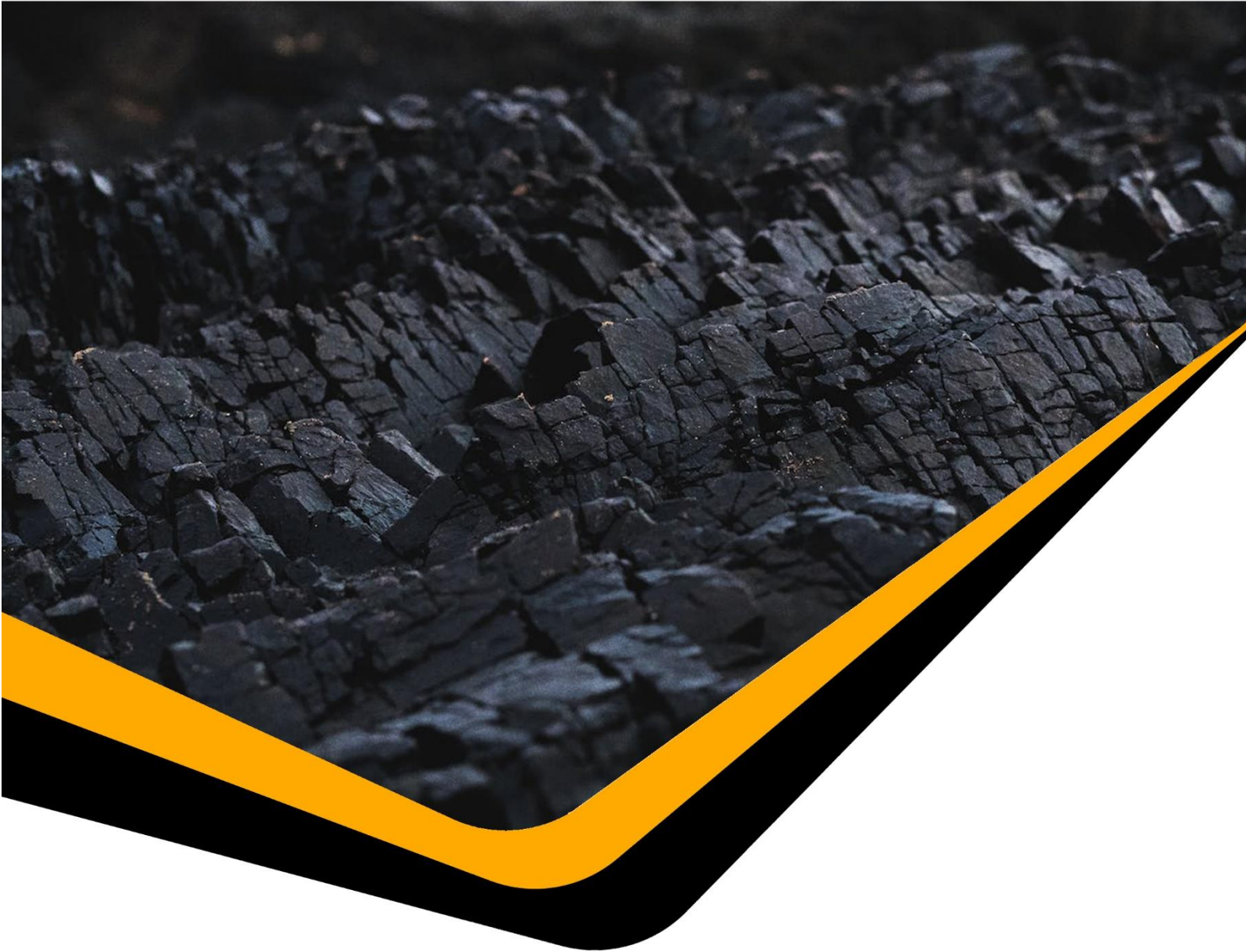


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1800-1072



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