

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: L 587

of **Ssp Analytical Services B.V.**

This annex is valid from: **21-04-2022** to **01-05-2026**

Replaces annex dated: **12-05-2021**

Location(s) where activities are performed under accreditation

Head Office

Reedijk 7U
3274 KE
Heinenoord
The Netherlands

| Location | Abbreviation/ location code |
|--|-----------------------------|
| Reedijk 7U 3274 KE Heinenoord The Netherlands | HEI |

| No. | Material or product | Type of activity ¹ | Internal reference number | Location |
|---------------------------|---------------------|---|---|----------|
| Sample preparation | | | | |
| a. | Solid biofuel | Sample preparation of solid biofuels for analysis of physical/chemical parameters | WV-ANB-PREP NEN-EN 14780 | HEI |
| Solid fuel tests | | | | |
| 1. | Coal and cokes | Determination of the total moisture content; gravimetry | WV-AN-TM cokes: NEN-ISO 579 coal: NEN-ISO 579 NEN-ISO 589, method B2 | HEI |

This annex has been approved by the Board of the
Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on [RvA-BR010-lijst](#).
If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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|-----|-----------------------|--|---|----------|
| 2. | Coal and cokes | Determination of the volatile matter content; gravimetry | WV-AN-VM ISO 562 | HEI |
| 3. | Solid mineral fuels | Determination of the ash content, gravimetry | WV-AN-AS ISO 1171 | HEI |
| 4. | Coal and cokes | Determination of the total sulphur content; infrared absorption spectrometry after high temperature combustion | WV-AN-CS ASTM D4239, method A | HEI |
| 5. | | Determination of the total carbon content; infrared absorption spectrometry after high temperature combustion | WV-AN-CS ASTM D5373, method B | HEI |
| 6. | | Determination of the moisture content in the test sample; gravimetry | WV-AN-IM ASTM D3173 NEN-ISO 11722 | HEI |
| 7. | Solid mineral fuels | Determination of the gross calorific value and the calculation of the net calorific value; bomb calorimetry | WV-AN-CV NEN-ISO 1928 ASTM D5865 | HEI |
| 8. | Coal | Determination of the Hardgrove Grindability Index, gravimetry | WV-AN-HGI ISO 5074 ASTM D 409 | HEI |
| 9. | Ash from coal or coke | Determination of fusibility; high temperature tube method | WV-AN-AFT NEN-ISO 540 | HEI |
| 10. | Coal and cokes | Determination of carbon, hydrogen and nitrogen content; IR method (C, H) and thermal conductivity method (N) | WV-AN-CHN NEN-ISO 29541 | HEI |
| 11. | Coal | Determination of chlorine and fluorine content; ion chromatography method | WV-AN-CLF in house method | HEI |
| 12. | Coal | Determination of the crucible swelling number or free swelling index; heating method | WV-AN-FSI NEN-ISO 501 ASTM D720 | HEI |

Solid biofuel tests

| | | | | |
|-----|---------------|---|---------------------------------|-----|
| 13. | Solid biofuel | Determination of the total moisture content; gravimetry | WV-ANB-TM NEN-EN-ISO 18134-1 | HEI |
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|-----|-------------------------|--|--|----------|
| 14. | Solid biofuel | Determination of the volatile matter content; gravimetry | WV-ANB-VM NEN-EN-ISO 18123 | HEI |
| 15. | Solid biofuel | Determination of the ash content, gravimetry | WV-ANB-AS NEN-EN-ISO 18122 | HEI |
| 16. | Solid biofuel | Determination of the moisture content in the test sample; gravimetry | WV-ANB-IM NEN-EN-ISO 18134-3 | HEI |
| 17. | Solid biofuel | Determination of the gross calorific value and the calculation of the net calorific value; bomb calorimetry | WV-ANB-CV NEN-EN-ISO 18125 | HEI |
| 18. | Ash from solid biofuels | Determination of fusibility; high temperature tube method | WV-ANB-AFT NEN-EN-ISO 21404 | HEI |
| 19. | Solid biofuel | Determination of carbon, hydrogen and nitrogen content; IR method (C, H) and thermal conductivity method (N) | WV-ANB-CHN NEN-EN-ISO 16948 | HEI |
| 20. | Solid biofuel | Determination of chlorine, fluorine and sulphur content; ion chromatography method | WV-ANB-CLFS chlorine and sulphur: NEN-EN-ISO 16994, method A fluorine: in house method | HEI |

Ferroalloy Tests

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|-----|-------------------|--|-------------------------------|-----|
| 21. | Ferroalloy (FeTi) | Determination of the element content; Wavelength dispersion X-ray fluorescence spectrometry Al, Bi, Ca, Co, Cr, Cu, Fe, Mg, Mn, Mo, Nb, Ni, P, Pb, Si, Sn, Ti, V, Zn, Zr. | WV-ANM-XRF in house method | HEI |
| 22. | Ferroalloy (FeTi) | Determination of the carbon and sulphur content; infrared absorption spectrometry after high temperature combustion | WV-ANM-CS ASTM E1019 | HEI |
| 23. | Ferroalloy (FeTi) | Determination of oxygen and nitrogen content; infrared absorption spectrometry and thermal conductivity method, after high temperature combustion | WV-ANM-ON ASTM E1019 | HEI |