



SPL Bohumín

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CERTIFICATE No 01 – 17

REFERENCE MATERIALS OF SILICON STEEL for solid sample spectrometry, combustion and wet-way methods

SPL SST-1A, SST-2A, SST-3A, SST-4A

Certified fully compliant with the ISO Guide 35 definition of Reference Material – with the characterization for determining the property values and their associated uncertainties.

Intended for calibration, matrix-match verification and statistical process control of spectrometric analysis from a plane of solid sample. They may not substitute CRM in a statement of metrological traceability, method validation. A single analysis area of at least 4 mm in diameter defines the minimum sample intake. They may be used for combustion and wet-way methods too.

Manufactured by casting to a special ingot with discarding of the parts, which have been suspected inhomogenous and the rest has been machined to the samples of the ultimate size.

Supplied as discs 37 mm in diameter and 25 mm of standard height, as option is possible up to 50 mm height and on request chips for combustion and wet-way methods.

Participating Laboratories:

ArcelorMittal - Válcovny plechu Frýdek-Místek, Frýdek-Místek, Czech Republic

ArcelorMittal (AMEH), Eisenhüttenstadt, Germany

ArcelorMittal Maizieres Research SA, Maizieres-les-Metz, France

ArcelorMittal Fos-sur-Mer, France

ArcelorMittal, Kraków, Poland

ArcelorMittal, Ostrava, Czech Republic

ArcelorMittal R&D Gent – OCAS NV, Zelzate, Belgium

Bundesanstalt für Materialforschung und –prüfung (BAM), Berlin, Germany

Dneprospetsstal, Zaporozhiye, Ukraine

Enviform, Třinec, Czech Republic

Forschungs - und Qualitätszentrum Brandenburg (FQZ), Eisenhüttenstadt, Germany

Institute for CRM, Yekaterinburg, Russia

Instytut Metalurgii Żelaza, Gliwice, Poland

Leco Instrumente Plzeň, Plzeň, Czech Republic

Lithea, Brno, Czech Republic

Metal and Quality, Zaporozhiye, Ukraine

MS Utilities and services, Bohumín, Czech Republic

Stalprodukt, Bochnia, Poland

US Steel Košice - Labortest, Slovakia

Viadrus, Bohumín, Czech Republic

Vítkovice Testing Center, Ostrava, Czech Republic

Zaporozhiye Ferro Alloys Plant, Zaporozhye, Ukraine

ZPS Slévárna, Zlín, Czech Republic

ŽDAS, Žďár nad Sázavou, Czech Republic