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British Standard

Sampling and analysis of nickel, ferronickel and nickel alloys

Part 3. Method for determination of cobalt in ferronickel by flame atomic absorption spectrometry

[ISO title: Ferronickel — Determination of cobalt content — Flame atomic absorption spectrometric method]

Echantillonnage et analyse du nickel, du ferro-nickel et des alliages de nickel

Partie 3. Méthode de dosage du cobalt dans le ferro-nickel par spectrométrie d'absorption atomique dans la flamme

Probenahme und Analyse von Nickel, Ferronickel und Nickellegierungen

Teil 3. Ferronickel; Bestimmung des Cobaltgehalts mit Hilfe der Flammen-Atomabsorptionsspektrometrie

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National foreword

This Part of BS 6783 has been prepared under the direction of the Non-ferrous Metals Standards Committee. It is identical with ISO 7520-1985 'Ferronickel — Determination of cobalt content — Flame atomic absorption spectrometric method' published by the International Organization for Standardization (ISO).

At present this British Standard consists of nine Parts all concerned with analysis of nickel, ferronickel and nickel alloys. Further international standards are in preparation on sampling and analysis of nickel, ferronickel and nickel alloys and, when available, these will be published as further Parts of this British Standard.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'Part of BS 6783'.

In British Standards it is current practice to use the symbol 'L' for litre (and in its submultiples) rather than 'l'.

Cross-references

International standards	Corresponding British Standards
ISO 1042-1983	BS 1792 : 1982 Specification for one-mark volumetric flasks (Identical)
ISO 5725-1981	BS 5497 Precision of test methods Part 1 : 1979 Guide for the determination of repeatability and reproducibility for a standard test method (Technically equivalent)
ISO 6352-1985	BS 6783 Sampling and analysis of nickel, ferronickel and nickel alloys Part 2 : 1986 Method for determination of nickel in ferronickel (dimethylglyoxime gravimetric method) (Identical)

The Technical Committee has reviewed the provisions of ISO 385/1 and ISO 648, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

ISO 385/1 is related to BS 846 : 1985 'Specification for burettes' and ISO 648 is related to BS 1583 : 1986 'Specification for one-mark pipettes'.

Compliance with a British Standard does not of itself confer immunity from legal obligations.