



BSI Standards Publication

Steels and cast irons - Determination of nickel content - Flame atomic absorption spectrometric method (FAAS)

National foreword

This British Standard is the UK implementation of EN 10136:2019. It supersedes BS EN 10136:1991, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/102, Methods of Chemical Analysis for Iron and Steel.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Steels and cast irons - Determination of nickel content - Flame atomic absorption spectrometric method (FAAS)

Aciers et fontes - Détermination de la teneur en nickel -
Méthode par spectrométrie d'absorption atomique
dans la flamme (SAAF)

Stahl und Gusseisen - Bestimmung des Nickelanteils -
Flammenatomabsorptionsspektrometrisches
Verfahren (FAAS)

This European Standard was approved by CEN on 22 April 2019.

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European foreword

This document (EN 10136:2019) has been prepared by Technical Committee CEN/TC 459 “ECISS - European Committee for Iron and Steel Standardization”¹, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 10136:1989.

In comparison with EN 10136:1989, the following significant technical changes were made:

- Clause 1: lower limit of the scope changed;
- Normative references: revised;
- Clause 4: possibility for using other suitable radiation sources added;
- Clause 5: preparation of iron base solutions added;
- 8.3: details regarding the preparation of the test solution added;
- 8.3.3: calibration solutions expanded;
- 8.3.4: background correction specified;
- 8.3.5 and Clause 9: bracketing method for the spectrometric measurements added;
- Clause 10: editorially updated;
- Bibliography: added.

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¹ Through its subcommittee SC 2 “Methods of chemical analysis for iron and steel” (secretariat: SIS)