

INTERNATIONAL STANDARD

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Ferronickel — Determination of trace-element content by electrothermal atomic absorption spectrometric method —

Part 1:

General requirements and sample dissolution

*Ferro-nickel — Dosage des éléments-traces — Méthode par
spectrométrie d'absorption atomique à excitation électrothermique —
Partie 1: Caractéristiques générales et mise en solution de l'échantillon*



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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11438-1 was prepared by Technical Committee ISO/TC 155, *Nickel and nickel alloys*, Sub-Committee SC 3, *Analysis of nickel and ferronickel*.

ISO 11438 consists of the following parts, under the general title *Ferronickel — Determination of trace-element content by electrothermal atomic absorption spectrometric method*:

- Part 1: *General requirements and sample dissolution*
- Part 2: *Determination of lead content*
- Part 3: *Determination of antimony content*
- Part 4: *Determination of tin content*
- Part 5: *Determination of tellurium content*
- Part 6: *Determination of thallium content*
- Part 7: *Determination of silver content*
- Part 8: *Determination of indium content*

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Introduction

This part of ISO 11438 is to be used in conjunction with the other parts which specify methods for the determination of individual trace elements in ferronickel by electrothermal atomic absorption spectrometry, according to the principle of standard additions.

Although the analytical methods are in independent International Standards it is possible to determine more than one element on a single test solution.