
**Visual examination of the surface
condition of investment castings — Steel,
nickel alloys and cobalt alloys**

*Examen visuel de l'état de surface des pièces moulées par le procédé
dit «à la cire perdue» — Acier, alliages de nickel et alliages de cobalt*



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Foreword

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Visual examination of the surface condition of investment castings — Steel, nickel alloys and cobalt alloys

1 Scope

This International Standard specifies the acceptance criteria for the surface inspection of steel, nickel alloy and cobalt alloy investment castings by visual examination.

NOTE Criteria for special applications such as aerospace are defined in other International Standards.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3059:2001, *Non-destructive testing — Penetrant testing and magnetic particle testing — Viewing conditions*

ISO 9712:2005, *Non-destructive testing — Qualification and certification of personnel*

3 Ordering information

The enquiry and order shall specify

- the extent of the surface to be examined,
- the number of castings to be examined,
- the acceptance level required (different acceptance levels may be specified for different surfaces of the same casting; if no acceptance level is specified, level IV applies), and
- any surface conditions that are unacceptable.