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## ISO 3651-2:1998 Determination of resistance to intergranular corrosion of stainless steels - Part 2: Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels - Corrosion test in media containing sulfuric acid

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Abbreviation

ISO 3651-2:1998

Valid from

14/05/1998

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Information provider

International Organisation for Standardization

Author

International Organisation for Standardization

Information type

ISO Standard

Format

PDF

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Cited By

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**Description**

This part of ISO 3651 specifies methods for the determination of the resistance to intergranular corrosion of ferritic, austenitic and ferritic-austenitic (duplex) stainless steels in media containing sulfuric acid. It also specifies the purposes which may be assigned to the test. The test methods

included are:

- method A: the 16 % sulfuric acid/copper sulfate test (Monypenny Strauss test);
- method B: the 35 % sulfuric acid/copper sulfate test;
- method C: the 40 % sulfuric acid/ferric sulfate test.

The methods are applicable to stainless steels supplied in the form of cast, rolled or forged products and tubes and intended for use in a mildly oxidizing acid medium (for example, sulfuric acid, phosphoric acid).

Unless specified in the product standard, the method to be used, A, B or C, shall form the subject of an agreement between the interested parties.

Annex A gives examples of application of the three methods on stainless steels.

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- [BS EN 10253-3:2008](#)

ISO 3651-2:1998 is cited by BS EN 10253-3:2008 Butt-welding pipe fittings - wrought austenitic and austenitic-ferritic (duplex) stainless steels without specific inspection requirements

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Annex A gives examples of application of the three methods on stainless steels.

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Annex A gives examples of application of the three methods on stainless steels.

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