

ISO 3651-2:1998-05 (E)

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

Contents

Page

1	Scope	1
2	Purpose of the test	1
2.1	Verification of the intrinsic resistance of the steel to intergranular corrosion	1
2.2	Inspection of the efficiency of the solution treatment.....	2
3	Sensitization treatment.....	2
3.1	Sensitization heat treatment	2
3.2	Sensitization by welding.....	2
4	Corrosion test.....	2
4.1	Principle	2
4.2	Test pieces	2
4.3	Preparation of test pieces	4
5	Apparatus	5
6	Test methods	5
6.1	Method A	5
6.2	Method B	5
6.3	Method C	6
6.4	Bend test	6
7	Evaluation	7
8	Test report.....	7
	Annex A (informative) Examples of application	8
	Annex B (informative) Comparison of commonly available national standards and this part of ISO 3651	9