ISO 3651-1:1998-05 (E)

Determination of resistan ce to intergranular corrosion of stainless steels - Part 1: Austenitic and ferritic-austenitic (duplex) stainless steels - Corrosion test in nitric acid medium by measurement of loss in mass (Huey test)

Contents

Page

1 Scope 1

2 Purpose of the test 1
2.1 Verification of the intrinsic resistance of the alloy to intergranular corrosion 1
2.2 Inspection of the efficiency of the solution treatment 1

3 Heat treatment of sensitization 2

4 Corrosion test 2
4.1 Principle 2
4.2 Test pieces 2

5 Apparatus 3

6 Corrosive solution 5

7 Procedure 5

8 Calculation 5

9 Test report 6