ISO 12732:2006-09 (E)

Corrosion of metals and alloys - Electrochemical potentiokinetic reactivation measurement using the double loop method (based o n Cihal's method)

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 2

5 Apparatus 3

6 Test solutions 5

7 Test specimen preparation 5

8 Procedure 5

9 Metallographic inspection 6

10 Evaluation of results 6

11 Test report 7

Annex A (informative) Flushed port cell and flushed electrode holder 9

Annex B (informative) Potential of selected reference electrodes at 25 °C with respect to the standard hydrogen electrode (SHE) 12

Annex C (informative) Suggested method for sensitizing test specimens 13

Annex D (informative) Correlation of Ir/Ip with the degree of grain-boundary sensitization, Pa (ASTM G108), QGBA and QGBL 14