ISO 6508-3:2015-03 (E)

Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks

Contents

Page

Foreword ... iv

1 Scope ... 1

2 Normative references ... 1

3 Manufacture of reference blocks ... 1

4 Calibration machine and calibration indenter ... 2

4.1 General ... 2

4.2 Calibration machine ... 2

4.3 Calibration diamond indenter ... 2

4.4 Calibration ball indenter ... 4

5 Calibration procedure ... 4

6 Number of indentations ... 5

7 Uniformity of hardness ... 5

8 Marking ... 6

9 Calibration certificate ... 7

10 Validity ... 7

Annex A (normative) **Uniformity of reference blocks** ... 8

Annex B (informative) **Uncertainty of the mean hardness value of hardness-reference blocks** ... 10

Annex C (normative) **Requirements for reference diamond indenters** ... 16

Bibliography ... 17