DIN EN ISO 6506-2:2019-03 (E)

Metallic materials - Brinell hardness test - Part 2: Verification and calibration of testing machines (ISO 6506-2:2017)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 General conditions ... **5**

5 Direct verification ... **6**
5.1 General ... 6
5.2 Measurement of the test forces ... 6
5.3 Measurement of the properties of the indenter ball ... 7
5.4 Calibration of the indentation diameter measuring system ... 7
5.5 Verification of the testing cycle ... 8

6 Indirect verification ... **8**

7 Intervals between verifications ... **10**

8 Verification report/calibration certificate ... **10**

Annex A (informative) **Uncertainty of measurement of the verification results of the hardness testing machine** ... **12**

Annex B (normative) **Verification of hardness testing machines that are incapable of meeting the specified force/time profile** ... **19**

Bibliography ... **20**