DIN EN ISO 17663:2026-05 (E)

Welding - Quality requirements for heat treatment in connection with welding and allied processes (ISO 17663:2023)

Contents

Page

Foreword ... **iv**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Review of requirements and technical review ... **2**
4.1 General ... 2
4.2 Review of requirements ... 2
4.3 Technical review ... 3

5 Subcontracting ... **3**

6 Personnel ... **3**

7 Inspection and testing ... **4**
7.1 General ... 4
7.2 Non-destructive testing ... 4
7.3 Destructive testing ... 4

8 Equipment for heat treatment ... **4**
8.1 Production and testing equipment ... 4
8.2 Description of facilities ... 4
8.3 Suitability of equipment ... 5
8.4 Verification of heat treatment equipment ... 5
8.4.1 General ... 5
8.4.2 Measurement of the uniformity of furnace temperature ... 5
8.4.3 Validation of setting and recording devices ... 6
8.5 New equipment ... 6
8.6 Maintenance ... 6

9 Heat treatment activities ... **6**
9.1 General ... 6
9.2 Heat treatment parameters ... 6
9.3 Heat treatment procedure specification ... 7
9.4 Work instructions ... 7
9.5 Number of measuring points ... 7
9.6 Guidance for local post-weld heat treatment of welds in pipe work ... 8

10 Heat treatment record ... **9**

11 Non-conformity and corrective actions ... **9**

12 Quality records ... **10**

Annex A (informative) **Example of local heat treatment** ... **11**

Bibliography ... **12**