DIN EN ISO 23279:2017-12 (E)

Non-destructive testing of welds - Ultrasonic testing - Characterization of discontinuities in welds (ISO 23279:2017)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

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

4 Principle ... **5**

5 Criteria ... **6**

5.1 General ... 6
5.2 Echo amplitude criteria (stages 1 and 2) ... 7
5.2.1 Low amplitudes (stage 1) ... 7
5.2.2 High amplitudes (stage 2) ... 7
5.3 Directional reflectivity criteria (stage 3) ... 7
5.3.1 Applicability based on length ... 7
5.3.2 Application conditions ... 7
5.3.3 Criteria ... 7
5.4 Echo static pattern criteria (stage 4) ... 8
5.5 Transverse echo dynamic pattern criteria (stage 5) ... 8
5.6 Complementary testing ... 8

Annex A (normative) **Classification of indications from internal discontinuities in welds — Flowchart procedure** ... **9**

Annex B (informative) **Directional reflectivity** ... **12**

Annex C (informative) **Basic echo dynamic patterns of reflectors** ... **14**