ISO 19828:2025-07 (E)

Welding for aerospace applications - Visual inspection of welds

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 General 2

5 Documentation of visual weld inspection result 2

6 Inspection conditions and equipment 2
- 6.1 Post weld inspection condition 2
- 6.2 Lighting conditions 3
- 6.3 Inspection equipment 3
- 6.4 Direct inspection 3
- 6.5 Indirect inspection 3
- 6.6 Limitations of visual inspection 4

7 Personnel qualification 4
- 7.1 General 4
- 7.2 Eye sight requirements 4
- 7.3 Education and experience 4

8 Employer/fabricator and examiner 5

9 Training 5

10 Examination requirements 5

11 Re-examination 6

12 Certification 6

13 Recertification 7

14 Loss of certification 7
- 14.1 Expiration 7
- 14.2 Suspension 7
- 14.3 Revocation 7

Annex A (informative) **Content of recommended training for fusion welding** 8

Annex B (informative) **Content of recommended training for welding with pressure** 10

Annex C (informative) **Inspection report** 12

Annex D (informative) **Examples of inspection equipment** 13

Bibliography 14