

ISO 19828:2017-04 (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	3
7	Personnel qualification	4
7.1	General	4
7.2	Eye sight requirements	4
7.3	Education and experience	4
8	Employer and examiner	4
9	Training	5
10	Examination requirements	5
11	Re-examination	5
12	Certification	6
13	Recertification	6
14	Loss of certification	6
14.1	Expiration	6
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