

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Use of this document	1
5 Review of requirements and technical review	2
5.1 General	2
5.2 Review of requirements	2
5.3 Technical review	2
6 Sub-contracting	3
7 Welding personnel	3
7.1 General	3
7.2 Welders and welding operators	3
7.3 Welding coordination personnel	3
8 Inspection and testing personnel	4
8.1 General	4
8.2 Non-destructive testing personnel	4
9 Equipment	4
9.1 Production and test equipment	4
9.2 Description of production equipment	5
9.3 Suitability of equipment	5
9.4 New equipment	5
9.5 Maintenance of equipment	5
10 Welding and related activities	5
10.1 Production planning	5
10.2 Welding procedure specifications	6
10.3 Qualification of the welding procedures	6
10.4 Work instructions	6
10.5 Procedures for preparation and control of documents	6
11 Welding consumables	7
11.1 General	7
11.2 Batch testing	7
11.3 Storage and handling	7
12 Storage of parent materials	7
13 Post-weld heat treatment	7
14 Inspection and testing	7
14.1 General	7
14.2 Inspection and testing before welding	7
14.3 Inspection and testing during welding	8
14.4 Inspection and testing after welding	8
14.5 Inspection and test status	8
15 Non-conformance and corrective actions	9
16 Calibration and validation of measuring, inspection and test equipment	9
17 Identification and traceability	9
18 Quality records	10
Bibliography	11