

ISO 9606-1:2012-07 (E)

Qualification testing of welders - Fusion welding - Part 1: Steels

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Reference numbers, symbols and abbreviated terms	4
4.1 General	4
4.2 Reference numbers of welding processes	4
4.3 Symbols and abbreviated terms	4
5 Essential variables and range of qualification	6
5.1 General	6
5.2 Welding processes	7
5.3 Product type	8
5.4 Type of weld	9
5.5 Filler material grouping	9
5.6 Filler material type	10
5.7 Dimensions	11
5.8 Welding positions	13
5.9 Weld details	15
6 Examination and testing	15
6.1 Examination	15
6.2 Test pieces	16
6.3 Welding conditions	18
6.4 Test methods	18
6.5 Test piece and test specimen	19
6.6 Test report	23
7 Acceptance requirements for test pieces	23
8 Re-tests	24
9 Period of validity	24
9.1 Initial qualification	24
9.2 Confirmation of the validity	24
9.3 Revalidation of welder qualification	24
9.4 Revocation of qualification	24
10 Welder's qualification test certificate	25
11 Designation	25
Annex A (informative) Welder's qualification test certificate	27
Annex B (informative) Job knowledge	28

Annex C (informative) FW/BW test assembly option	31
Bibliography	32