

ISO 9606-5:2000-02 (E)

Approval testing of welders—Fusion welding—Part 5: Titanium and titanium alloys, zirconium and zirconium alloys

Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols and abbreviations	2
4.1 General	2
4.2 Test piece	2
4.3 Consumables	2
4.4 Miscellaneous	2
5 Essential variables for approval testing	3
5.1 General	3
5.2 Welding processes	3
5.3 Joint types (butt and fillet welds)	3
5.4 Material groups	3
5.5 Consumables	3
5.6 Dimensions	3
5.7 Number of test pieces	4
5.8 Welding positions	4
6 Range of approval for the welder	4
6.1 General	4
6.2 Welding process	4
6.3 Joint types	5
6.4 Material groups (according to CR 12187)	6
6.5 Consumables	6
6.6 Dimensions	6
6.7 Welding positions	6
7 Examination and testing	8
7.1 Supervision	8
7.2 Shapes and dimensions of test pieces	8
7.3 Welding conditions	10
7.4 Test methods	11
7.5 Test piece and test specimens	11
8 Acceptance requirements for test pieces	13
9 Re-tests	14
10 Period of validity	14
10.1 Initial approval	14
10.2 Prolongation	14
11 Certificate	14
12 Designation	15
Annex A (informative) Job knowledge	16
Annex ZA (informative) Bibliography	18