

# ISO 9606-2:2004-12 (E)

## Qualification test of welders - Fusion welding - Part 2: Aluminium and aluminium alloys

---

<b>Contents</b>		<b>Page</b>
page	Foreword .....	v
	Introduction .....	vi
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	2
4	Symbols and abbreviated terms .....	2
4.1	General .....	2
4.2	Reference numbers of welding processes .....	2
4.3	Abbreviations .....	3
5	Essential variables and range of qualification .....	3
5.1	General .....	3
5.2	Welding processes .....	4
5.3	Product type .....	5
5.4	Type of weld .....	6
5.5	Material groups .....	6
5.6	Welding consumables .....	7
5.7	Dimensions .....	7
5.8	Welding positions .....	8
5.9	Weld details .....	9
6	Examination and testing .....	10
6.1	Supervision .....	10
6.2	Shapes, dimensions and numbers of test pieces .....	10
6.3	Welding conditions .....	14
6.4	Test methods .....	15
6.5	Test piece and test specimen .....	15
6.6	Test record .....	20
7	Acceptance requirements for test pieces .....	20
8	Re-tests .....	21
9	Period of validity .....	21
9.1	Initial qualification .....	21
9.2	Confirmation of the validity .....	21
9.3	Prolongation of qualification .....	21
10	Certificate .....	21
11	Designation .....	22
	Annex A (informative) Welder's qualification test certificate .....	23
	Annex B (informative) Designation examples .....	24

<b>Annex C (informative) Job knowledge .....</b>	<b>28</b>
<b>Annex D (informative) Variables to be confirmed and traceable for prolongation .....</b>	<b>31</b>
<b>Annex ZA (normative) Normative references to International publications with their corresponding European publications .....</b>	<b>32</b>
<b>Bibliography .....</b>	<b>33</b>