

INTERNATIONAL STANDARD

ISO
9956-4

First edition
1995-09-01

Specification and approval of welding procedures for metallic materials —

Part 4:

Welding procedure tests for the arc welding
of aluminium and its alloys

*Descriptif et qualification d'un mode opératoire de soudage pour les
matériaux métalliques —*

*Partie 4: Épreuve de qualification d'un mode opératoire de soudage à l'arc
sur l'aluminium et ses alliages*



Reference number
ISO 9956-4:1995(E)

Contents

	Page
1 Scope	1
2 Normative references	1
3 Definitions	2
4 Preliminary welding procedure specification (pWPS)	2
5 Welding procedure test	2
6 Test piece	2
6.1 General	2
6.2 Shape and dimensions of test pieces	2
6.3 Welding of test pieces	3
7 Examination and testing	5
7.1 Extent of testing	5
7.2 Location and cutting of test specimens	5
7.3 Nondestructive examination	5
7.4 Destructive tests	8
7.5 Re-testing	10
8 Range of approval	10
8.1 General	10
8.2 Related to the manufacturer	10
8.3 Related to the material	10
8.4 Common to all welding procedures	12
8.5 Specific to processes	13
9 Welding procedure approval record (WPAR)	14

Annexes

A Welding procedure approval record form (WPAR)	15
---	----