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Part 1: **Arc welding**

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

Partie 1: Soudage à l'arc





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Contents				
Fore	word			iv
Intro	Introduction			
_				
1	Scope			
2	Normative references			1
3	Terms and definitions			1
4	Technical content of welding procedure specification (WPS)			2
	4.1 General			
	4.2		l to the manufacturer	
	4.3		l to the parent material	
		4.3.1	Parent material type	
		4.3.2	Material dimensions	
	4.4	Common to all welding procedures		
		4.4.1	Welding process	
		4.4.2	Joint design	
		4.4.3	Welding position	
		4.4.4	Joint preparation	
		4.4.5	Welding technique	
		4.4.6	Back gouging	
		4.4.7	Backing	3
		4.4.8	Welding consumables	3
		4.4.9	Electrical parameters	
		4.4.10	Mechanized and automatic welding	
		4.4.11	Preheating temperature	4
		4.4.12	Interpass temperature	
		4.4.13	Preheat maintenance temperature	4
		4.4.14	Postheating for hydrogen release	4
		4.4.15	Post-weld heat treatment	4
		4.4.16	Shielding gas	4
		4.4.17	Heat input / Arc energy	4
	4.5	Specific	c to a group of welding processes	
		4.5.1	Process 111 (Manual metal arc welding)	
		4.5.2	Process 12 (Submerged arc welding)	
		4.5.3	Process 13 (Gas-shielded metal arc welding)	5
		4.5.4	Process 14 (Gas-shielded welding with non-consumable electrode)	
		4.5.5	Process 15 (Plasma arc welding)	5
Anno	ex A (in	formative	e) Welding Procedure Specification (WPS)	6
Bibli	iograpł	ıy		7

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, *Quality management in the field of welding*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Official interpretations of TC 44 documents, where they exist, are available from this page: https://committee.iso.org/sites/tc44/home/interpretation.html.

This second edition cancels and replaces the first edition (ISO 15609-1:2004), which has been technically revised. It also incorporates the Corrigendum ISO 15609-1:2004/Cor.1:2005.

The main changes compared to the previous edition are as follows:

- <u>Clause 2</u> has been updated;
- editorial changes have been made;
- the former Note 1 in 4.1 has been moved to regular text;
- surface conditions have been added in 4.4.4;
- Subclause <u>4.4.10</u> has been technically revised;
- arc energy has been added in 4.4.17;
- Annex A has been revised.

A list of all parts in the ISO 15609 series can be found on the ISO website.

Introduction

All new welding procedure specifications need to be prepared in accordance with this document from the date of its issue. However, this document does not invalidate previous welding procedure specifications made to former standards or specifications or previous editions of this document.