

---

---

**Welding and allied processes —  
Vocabulary —**

**Part 1:  
General terms**

*Soudage et techniques connexes — Vocabulaire —  
Partie 1: Termes généraux*



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
copyright@iso.org  
www.iso.org

# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Terms and definitions</b> .....	<b>1</b>
2.1 Terms related to welding and allied processes.....	1
2.1.1 General terms.....	1
2.1.2 Characterization of welds.....	3
2.1.3 Imperfections.....	4
2.1.4 Type of joints.....	5
2.1.5 Joint preparations.....	6
2.1.6 Types of welds.....	7
2.1.7 Weld details.....	9
2.1.8 Welding execution.....	11
2.1.9 Surfacing.....	15
2.1.10 Welding consumables.....	16
2.1.11 Welding materials.....	17
2.2 Terms related to testing.....	18
2.2.1 General tests.....	18
2.2.2 Weldability tests.....	19
2.2.3 Mechanical tests.....	19
2.2.4 Non-destructive tests.....	20
2.3 Terms related to welding equipment.....	20
2.4 Terms related to welding parameters.....	21
2.5 Terms related to welding management, personnel and organization.....	23
<b>Annex A (informative) Alphabetical index of English terms with French and German translations</b> .....	<b>26</b>
<b>Annex B (informative) Alphabetical index of general terms defined in ISO 857-1:1998 or ISO/TR 25901:2007 that were not included in this part of ISO/TR 25901</b> .....	<b>35</b>
<b>Bibliography</b> .....	<b>41</b>