



# DRAFT International Standard

## ISO/DIS 14732.2

### Welding personnel — Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials

*Personnel en soudage — Épreuve de qualification des opérateurs  
soudeurs et des régleurs en soudage pour le soudage mécanisé et  
le soudage automatique des matériaux métalliques*

CS: 25.160.01

This document is circulated as received from the committee secretariat.

**ISO/CEN PARALLEL PROCESSING**

Reference number  
ISO/DIS 14732.2:2024(en)

ISO/TC 44/SC 11

Secretariat: **ANSI**

Voting begins on:  
**2024-05-16**

Voting terminates on:  
**2024-07-11**

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

© ISO 2024



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

Page

<b>Foreword</b>	<b>iv</b>
<b>Introduction</b>	<b>v</b>
<b>1 Scope</b>	<b>1</b>
<b>2 Normative references</b>	<b>1</b>
<b>3 Terms and definitions</b>	<b>2</b>
<b>4 Qualification</b>	<b>3</b>
4.1 General	3
4.2 Fusion welding	4
4.3 Resistance welding	5
4.4 Arc stud welding	5
<b>5 Variables and range of qualification</b>	<b>5</b>
5.1 Mechanized welding	5
5.2 Automatic welding	6
<b>6 Period of validity</b>	<b>6</b>
6.1 Initial qualification	6
6.2 Confirmation of validity	6
6.3 Revalidation of qualification	6
6.4 Revocation of qualification	7
<b>7 Welding operator or weld setter qualification test certificate</b>	<b>7</b>
<b>8 Documentation</b>	<b>7</b>
<b>Annex A (normative) Functional knowledge of the welding unit</b>	<b>8</b>
<b>Annex B (informative) Knowledge of welding technology</b>	<b>9</b>
<b>Annex C (informative) Qualification test certificate for welding operators or weld setters</b>	<b>13</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2014/68/EU (PED) aimed to be covered</b>	<b>15</b>
<b>Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2014/29/EU (SPVD) aimed to be covered</b>	<b>19</b>
<b>Bibliography</b>	<b>20</b>