
**Health and safety in welding and allied
processes — Equipment for capture
and separation of welding fume —**

Part 4:

**Determination of the minimum air
volume flow rate of capture devices**

*Hygiène et sécurité en soudage et techniques connexes —
Équipements de captage et de filtration des fumées —*

*Partie 4: Détermination du débit volumique minimal d'air des
dispositifs de captage*

ISO 21904-4:2020

<https://standards.iteh.ai/catalog/standards/iso/454958a5-c0f2-4f62-b65e-702aacba149d/iso-21904-4-2020>



iTeh Standards
(<https://standards.itih.ai>)
Document Preview

ISO 21904-4:2020

<https://standards.itih.ai/catalog/standards/iso/454958a5-c0f2-4f62-b65e-702aacba149d/iso-21904-4-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

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
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Captor hoods, nozzles and slot nozzles	1
4.1 Principle.....	1
4.2 Apparatus.....	2
4.3 Test method.....	2
4.3.1 Test setup.....	2
4.3.2 Determination of the position of the entry and the measurement plane.....	2
4.3.3 Procedure.....	3
4.4 Test report.....	4
5 On-torch extraction devices	5
5.1 Principle.....	5
5.2 Apparatus.....	6
5.3 Test method.....	6
5.3.1 Test setup.....	6
5.3.2 Procedure.....	6
5.4 Test report.....	7
Annex A (informative) Additional information for on-torch extraction	8
Bibliography	10

Document Preview

ISO 21904-4:2020

<https://standards.iteh.ai/catalog/standards/iso/454958a5-c0f2-4f62-b65e-702aacba149d/iso-21904-4-2020>