BS ISO 11872:2024

BSI Standards Publication

Gas welding equipment — Decomposition blockers for high-pressure acetylene

Documents
Document Sharing Hub

Full document details: BS ISO 11872:2024

National foreword

This British Standard is the UK implementation of ISO 11872:2024.

The UK participation in its preparation was entrusted to Technical Committee WEE/18, Gas welding and cutting appliances.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2024
Published by BSI Standards Limited 2024

ISBN 978 0 539 26272 8

ICS 25.160.30

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 November 2024.

Amendments/corrigenda issued since publication

Date	Text affected

Documents
Document Sharing Hub

Full document details: BS ISO 11872:2024

International Standard

ISO 11872

First edition
2024-11

Gas welding equipment — Decomposition blockers for high-pressure acetylene

Matériel de soudage aux gaz — Bloqueurs de décomposition pour l'acétylène haute pression

Reference number
ISO 11872:2024(en)

© ISO 2024

Documents
Document Sharing Hub

Full document details: BS ISO 11872:2024

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
Website: www.iso.org

Published in Switzerland

Documents
Document Sharing Hub
Full document details: BS ISO 11872:2024

Contents

Page

Foreword ..... **iv**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Design **2**
5 Requirements **2**
5.1 Materials 2
5.2 External gas tightness 2
5.3 Pressure resistance 2
5.4 Acetylene decomposition 2
6 Type tests **2**
6.1 General 2
6.2 Reference values and accuracy of instruments 3
6.3 Test gases 3
6.4 External gas tightness 3
6.5 Acetylene decomposition test 3
6.5.1 General 3
6.5.2 Test conditions 3
6.5.3 Test procedure and test precautions 4
6.6 Pressure resistance test 5
7 Manufacturer's instructions **5**
8 Marking **5**
Bibliography **7**

© ISO 2024 – All rights reserved

Documents
Document Sharing Hub
Full document details: BS ISO 11872:2024