

2025-02-19

ISO/FDIS 13341:2024(en)

ISO/TC 58/WG 10

Secretariat: BSI

Date: 2025

Gas cylinders — Fitting of valves to gas cylinders

Bouteilles à gaz — Montage des robinets sur les bouteilles à gaz

iTeh Standards
(<https://standards.iteh.ai>)

Document Preview
FDIS stage

ISO/FDIS 13341

<https://standards.iteh.ai/catalog/standards/iso/c3be943a-31fb-4df5-8e9d-e6aac5fb7e12/iso-fdis-13341>

© ISO 2025

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~~E-mail: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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

ISO/FDIS 13341

<https://standards.iteh.ai/catalog/standards/iso/c3be943a-31fb-4df5-8e9d-e6aac5fb7e12/iso-fdis-13341>

Contents

| | |
|---|----|
| Foreword..... | iv |
| 1 Scope..... | 1 |
| 2 Normative references..... | 1 |
| 3 Terms and definitions..... | 1 |
| 4 General requirements and recommendations..... | 2 |
| 5 Preparation..... | 3 |
| 6 Valving procedure for taper threaded valves..... | 3 |
| 6.1 General..... | 3 |
| 6.2 Wrapping with sealant tape..... | 3 |
| 6.3 Application of soft metal cones and PTFE cones..... | 4 |
| 6.4 Valve torquing..... | 4 |
| 7 Valving procedure for parallel threaded valves..... | 4 |
| 8 Procedure for achieving valve alignment for cylinders with fixed (e.g. welded) shroud and taper threads | 5 |
| Annex A (normative) Valving torques for threads in accordance with ISO 11363-1 and ISO 15245-1..... | 6 |
| Annex B (informative) Application of paste as sealant..... | 9 |
| Bibliography | 10 |

Document Preview

ISO/FDIS 13341

<https://standards.iteh.ai/catalog/standards/iso/c3be943a-31fb-4df5-8e9d-e6aae5fb7e12/iso-fdis-13341>

Foreword

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

ISO/FDIS 13341

<https://standards.iteh.ai/catalog/standards/iso/c3be943a-31fb-4df5-8e9d-e6aac5fb7e12/iso-fdis-13341>

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 document 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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 23, *Transportable gas cylinders*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 13341:2010), which has been technically revised. It also incorporates the Amendment ISO 13341:2010/Amd 1:2015.

The main changes are as follows:

- ~~update of 2 Clause 2~~ and Bibliography;
- ~~inclusion of Amendment 1;~~
- ~~addition of a requirement in 4.3 with regards to the cleaning of cylinder threads.~~

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.

