
**Gas analysis — Contents of certificates
for calibration gas mixtures**

**AMENDMENT 1: Cross reference list
to ISO Guide 31:2015 and ISO/IEC
17025:2017**

iTeh STANDARD PREVIEW
*Analyse des gaz — Contenu des certificats des mélanges de gaz pour
étalonnage*
(standards.iteh.ai)

*AMENDEMENT 1: Liste des références croisées avec le Guide 31:2015
de l'ISO et l'ISO/IEC 17025:2017*

[ISO 6141:2015/Amd 1:2020](https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020)

[https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-
d49abc0c71b3/iso-6141-2015-amd-1-2020](https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020)



iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 6141:2015/Amd 1:2020
<https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020>



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

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 documents 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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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 158, *Analysis of gases*.

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 6141:2015/Amd 1:2020

<https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020>

Gas analysis — Contents of certificates for calibration gas mixtures

AMENDMENT 1: Cross reference list to ISO Guide 31:2015 and ISO/IEC 17025:2017

Annex A

Replace [Table A.1](#) with the following table:

Table A.1 — Cross-reference table between this document, ISO Guide 31:2015 and ISO/IEC 17025:2017

Element	This document	ISO Guide 31:2015	ISO/IEC 17025:2017
Title of document	4.2.1	5.2.1	7.8.2.1 a)
RM unique identification	4.2.3	5.2.2	7.8.2.1 g)
Unique certificate number	4.2.2	5.2.2	7.8.2.1 d)
Name and address of certifying body	4.2.4	5.2.4	7.8.2.1 b)
Name of the RM	4.3.13	5.2.3	7.8.2.1 g)
Description of the RM	4.2.6; 4.4.1; 4.3.7; 4.4.3	5.2.3; 5.3.1	7.8.2.1 g)
Intended use of the RM	4.2.10	5.2.5	—
Instructions for the correct use of the RM	4.3.10; 4.4.4	5.2.10	—
Hazardous situation	4.2.11	5.4.2	—
Certified values	4.3.1; 4.3.2	5.3.2	7.8.2.1 m)
Uncertainty for the certified values	4.3.3; 4.3.4	5.3.2	7.8.4.1 a)
Metrological traceability	4.3.5	5.3.3	7.8.4.1 c)
Uncertified values	4.4.5	5.4.4	—
Date of certification	4.2.7	5.2.12	7.8.2.1 j)
Period of validity	4.3.11	5.2.7	7.8.4.3
Names and signatures of certifying officers	4.2.8	5.3.5	7.8.2.1 o)
Source of material	—	5.2.3	7.8.2.1 g)
Method of preparation	4.3.6	—	7.8.2.1 f)
Method of analysis	4.3.8	5.3.4	7.8.2.1 f)
Date of preparation	4.3.9	—	7.8.2.1 h)
Date of analysis	4.3.12	—	7.8.2.1 i)
Customer	4.2.5	—	7.8.2.1 e)
Number of pages	4.2.9	5.2.11	7.8.2.1 d)
Date of receipt of the item to be calibrated	—	—	7.8.2.1 h)

ISO 6141:2015/Amd.1:2020(E)

Add the following note to [Table A.1](#):

NOTE ISO 17034:2016^[4] sets in 7.14.2 and 7.14.3 the same requirements for reference material certificates as ISO Guide 31:2015.

Bibliography

Replace the second entry with the following:

[2] ISO/IEC 17025:2017, *General requirements for the competence of testing and calibration laboratories*

Replace the third entry with the following:

[3] ISO Guide 31:2015, *Reference materials — Contents of certificates, labels and accompanying documentation*

Add the following entry:

[4] ISO 17034:2016, *General requirements for the competence of reference material producers*

iTeh STANDARD PREVIEW **(standards.iteh.ai)**

<https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 6141:2015/Amd 1:2020

<https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 6141:2015/Amd 1:2020

<https://standards.iteh.ai/catalog/standards/sist/55ff46f2-3778-48e5-8d7b-d49abc0c71b3/iso-6141-2015-amd-1-2020>