

AMENDMENT NO. 1 NOVEMBER 2024
TO
IS 16247 : 2019 GAS ANALYSIS — CONTENTS OF CERTIFICATES FOR
CALIBRATION GAS MIXTURES
(First Revision)

This Amendment No. 1 is identical to Amendment No. 1 of ISO 6141, ‘Gas analysis — Contents of certificates for calibration gas mixtures’ issued in 2020 by International Organization for Standardization (ISO).

Price Group 2

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)

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*