

DIN EN ISO 6143

DIN

ICS 71.040.40

Supersedes
DIN ISO 6143:2004-05

**Gas analysis –
Comparison methods for determining and checking the composition of
calibration gas mixtures (ISO 6143:2001)
English version of DIN EN ISO 6143:2006-11**

Gasanalyse –
Vergleichsverfahren zur Bestimmung und Überprüfung der Zusammensetzung von
Kalibriergasgemischen (ISO 6143:2001)
Englische Fassung DIN EN ISO 6143:2006-11

Document comprises 39 pages

National foreword

This standard has been published in accordance with a decision taken by CEN/CMC to adopt, without alteration, International Standard ISO 6143, prepared by Technical Committee ISO/TC 158 "Analysis of gases", as a European Standard.

The responsible German body involved in its preparation was the *Normenausschuss Materialprüfung* (Materials Testing Standards Committee), Technical Committee NA 062-05-73 AA *Gasanalyse und Gasbeschaffenheit*.

The DIN Standards corresponding to the international publications referred to in the bibliography of the EN are as follows:

GUM 1995	DIN V ENV 13005
ISO 6141	DIN EN ISO 6141
ISO 11843-1	DIN 55350-34
ISO Guide 30	ISO Guide 30 (de)
ISO/IEC 17025	DIN EN ISO/IEC 17025
VIM 1993	see International vocabulary of basic and general terms in metrology

Amendments

This standard differs from DIN ISO 6143:2004-05 as follows:

- a) ISO 6143:2001 has been adopted as European Standard EN ISO 6143:2006 without any modifications.

Previous editions

DIN ISO 6143: 1985-05; 2004-05

National Annex NA (informative)

Bibliography

DIN 55350-34, *Terminology in quality assurance and statistics — Limit of detection, limit of determination and capability of detection*

DIN V ENV 13005, *Guide to the expression of uncertainty in measurement*

DIN EN ISO 6141, *Gas analysis — Requirements for certificates for calibration gases and gas mixtures*

DIN EN ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*

ISO Guide 30, *Terms and definitions used in connection with reference materials*

EUROPEAN STANDARD

EN ISO 6143

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 71.040.40

English Version

**Gas analysis - Comparison methods for determining and
checking the composition of calibration gas mixtures
(ISO 6143:2001)**

Analyse des gaz - Méthodes comparatives pour la
détermination et la vérification de la composition des
mélanges de gaz pour étalonnage (ISO 6143:2001)

Gasanalyse - Vergleichsverfahren zur Bestimmung und
Überprüfung der Zusammensetzung von
Kalibriergasgemischen (ISO 6143:2001)

This European Standard was approved by CEN on 21 July 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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