

DIN EN ISO 6144

**DIN**

ICS 71.040.40

Supersedes  
DIN ISO 6144:1985-05

**Gas analysis –  
Preparation of calibration gas mixtures –  
Static volumetric method (ISO 6144:2003)  
English version of DIN EN ISO 6144:2006-11**

Gasanalyse –  
Herstellung von Prüfgasen –  
Volumetrisch-statisches Verfahren (ISO 6144:2003)  
Englische Fassung DIN EN ISO 6144:2006-11

Document comprises 34 pages

## National foreword

This standard has been published in accordance with a decision taken by CEN/CMC to adopt, without alteration, International Standard ISO 6144, 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*.

### Amendments

This standard differs from DIN ISO 6144:1985-05 as follows:

- a) ISO 6144:2003 has been adopted as European Standard EN ISO 6144:2006 without any modifications.
- b) The scope of the standard has been defined in more detail.
- c) The standard now also specifies how the expanded uncertainty in the volume fraction of each calibration component in the mixture is determined by a rigorous evaluation of all the measurement uncertainties involved, including those associated with the apparatus used for the preparation of the gas mixture and those associated with the experimental procedure itself.

### Previous editions

DIN 51895: 1987-03

DIN ISO 6144: 1985-05

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ICS 71.040.40

English Version

**Gas analysis - Preparation of calibration gas mixtures - Static  
volumetric method (ISO 6144:2003)**

Analyse des gaz - Préparation des mélanges de gaz pour  
étalonnage - Méthode volumétrique statique  
(ISO 6144:2003)

Gasanalyse - Herstellung von Prüfgasen - Volumetrisch -  
statisches Verfahren (ISO 6144:2003)

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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