

# DIN EN ISO 6141:2015-07 (E)

## Gas analysis - Contents of certificates for calibration gas mixtures (ISO 6141:2015)

| <b>Contents</b> |   | <b>Page</b> |
|-----------------|---|-------------|
|                 | Foreword .....  | 3           |
| <b>1</b>        | <b>Scope</b> .....  | <b>4</b>    |
| <b>2</b>        | <b>Normative references</b> .....   | <b>4</b>    |
| <b>3</b>        | <b>Terms and definitions</b> .....  | <b>4</b>    |
| <b>4</b>        | <b>Contents</b> .....   | <b>4</b>    |
| 4.1             | Specification of certificate data .....   | 4           |
| 4.2             | General information .....   | 5           |
| 4.2.1           | Title of the document .....   | 5           |
| 4.2.2           | Unique certificate identification .....   | 5           |
| 4.2.3           | Container identification .....  | 5           |
| 4.2.4           | Producer .....  | 5           |
| 4.2.5           | Customer (optional) .....   | 6           |
| 4.2.6           | Nominal composition (optional) .....  | 6           |
| 4.2.7           | Authorization date .....  | 6           |
| 4.2.8           | Responsible person .....  | 6           |
| 4.2.9           | Number of pages and page numbering .....  | 6           |
| 4.2.10          | Intended use .....  | 6           |
| 4.2.11          | Safety information .....  | 6           |
| 4.3             | Gas or gas mixture specification .....  | 6           |
| 4.3.1           | Specified components .....  | 6           |
| 4.3.2           | Composition .....   | 6           |
| 4.3.3           | Standard uncertainty .....  | 7           |
| 4.3.4           | Expanded uncertainty .....  | 7           |
| 4.3.5           | References/metrological traceability .....  | 7           |
| 4.3.6           | Method of preparation .....   | 7           |
| 4.3.7           | Filling pressure .....  | 7           |
| 4.3.8           | Method of analysis .....  | 7           |
| 4.3.9           | Date of preparation .....   | 7           |
| 4.3.10          | Minimum utilization pressure .....  | 7           |
| 4.3.11          | Expiry date .....   | 8           |
| 4.3.12          | Date of analysis (optional) .....   | 8           |
| 4.3.13          | Commercial name (optional) .....  | 8           |
| 4.4             | Additional product information .....  | 8           |
| 4.4.1           | Container volume .....  | 8           |
| 4.4.2           | Filling quantity (optional) .....   | 8           |
| 4.4.3           | Valve outlet connection .....   | 8           |
| 4.4.4           | Storage/utilization temperature .....   | 8           |
| 4.4.5           | Indicative values (optional) .....  | 8           |
|                 | <b>Annex A (informative) Cross-references to ISO Guide 31 and ISO/IEC 17025</b> ..... | <b>9</b>    |
|                 | <b>Bibliography</b> .....   | <b>10</b>   |