

# ISO 6141:2015-03 (E)

## Gas analysis - Contents of certificates for calibration gas mixtures

---

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