

DIN EN ISO 10961:2012-06 (E)

Gas cylinders - Cylinder bundles - Design, manufacture, testing and inspection (ISO 10961:2010)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Design	8
4.1	General	8
4.2	Material	8
4.3	Frame	8
4.4	Cylinders	10
4.5	Cylinder valves and cylinder fittings	10
4.6	Manifold	10
4.7	Main connection(s)/main valve(s)	11
4.8	Assembled bundle	11
5	Manufacturing	11
6	Identification	11
6.1	General	11
6.2	Product and hazard identification	12
6.2.1	Precautionary labels	12
6.2.2	Colour coding	12
6.3	Bundle identification for filling	12
6.3.1	General	12
6.3.2	Grouping and size of marks	12
6.3.3	Manufacturing marks	12
6.3.4	Operational marks	13
6.3.5	Certification marks	13
6.4	Other useful information	13
7	Testing and inspection	13
7.1	General	13
7.2	Prototype testing of the frame, the manifold and the fully assembled bundle	14
7.2.1	Approvals	14
7.2.2	Tests	14
7.3	Test and inspection at time of manufacture	15
7.3.1	Frame	15
7.3.2	Manifold	16
7.3.3	Bundle	16
8	Documentation	16
Annex A (normative)	Special requirements for design, manufacture and testing of bundles disassembled at the time of filling, including acetylene cylinders	18
Annex B (normative)	Specific requirements for acetylene cylinder bundles	19
Bibliography		24