

ISO 23802:2026-06 (E)

Gas cylinders - Seamless tubes, composite tubes and large tubes permanently mounted in a frame - Periodic inspection and testing

Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Preparation for periodic inspection and tests.....	3
4.1 General.....	3
4.2 Safety precautions/depressurization of manifold and individual elements	3
4.3 Inspection of module.....	4
4.3.1 Inspection of frame	4
4.3.2 Inspection of fixation of elements.....	4
4.4 Inspection of fire protection system (if equipped)	5
5 Inspection of a module when disassembling.....	5
5.1 Preparation for inspection.....	5
5.2 Inspection of elements.....	6
5.2.1 Tubes	6
5.2.2 Large tubes.....	6
5.3 Inspection of equipment.....	6
5.3.1 General	6
5.3.2 Manifolds.....	7
5.3.3 Valves and fittings.....	7
5.4 Replacement of parts	7
5.5 Reassembling.....	7
5.6 Inspection report	7
6 Inspection of a module without disassembly.....	8
6.1 General.....	8
6.2 Inspection for evidence of external impact on the elements.....	9
6.3 Inspection of equipment	9
6.3.1 General	9
6.3.2 Emergency shutoff system (if equipped).....	9
6.3.3 Replacement of parts	9
6.3.4 Rework and repair	10
6.3.5 Confirm no leaks from valves, fittings and pipes.....	10
6.3.6 Inspection report.....	10
7 Roadworthiness of trailer chassis and gear	11
8 Stamp marking	11
9 Decommissioning and disposal	11
Annex A (normative) Inspection of Large Tubes	12
Annex B (informative) Examples of damages on equipment/assemblies.....	29
Annex C (informative) Examples of damages/incidents with modules with large tubes	30
Bibliography	33