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**