

# DIN EN ISO 10462:2019-12 (E)

Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance (ISO 10462:2013 + Amd 1:2019) (includes Amendment :2019)

---

<b>Contents</b>	<b>Page</b>
European foreword.....	3
<b>[A1]</b> European foreword to Amendment A1 <b>[A1]</b> .....	4
<b>[A1]</b> Foreword to Amendment 1 <b>[A1]</b> .....	5
Introduction .....	6
1 Scope.....	7
2 Normative references.....	7
3 Terms and definitions .....	7
4 General.....	9
4.1 Intervals between periodic inspections.....	9
4.2 Requirements for inspection .....	9
5 Preparation of the acetylene cylinder .....	9
5.1 Depressurization of the acetylene cylinder.....	9
5.2 Preparation for external visual inspection.....	10
5.3 Removal of the valve .....	10
5.4 Removal of neck/core hole filters.....	10
6 Inspection and maintenance.....	11
6.1 External visual inspection.....	11
6.2 Inspection of the porous material.....	11
6.3 Addition of non-monolithic porous material.....	12
6.4 Replacement of porous material .....	13
6.5 Inspection of fusible plugs .....	13
6.6 Inspection of valves.....	13
6.7 Inspection of cylinder neck .....	13
6.8 Reassembly.....	14
7 Cylinder marking and identification.....	14
8 Records .....	15
9 Rejection and rendering cylinders unserviceable .....	15
10 Disposal of unserviceable cylinders.....	15
Annex A (informative) Tops of acetylene cylinders containing monolithic porous material .....	16
Annex B (normative) External visual inspection.....	19
B.1 General.....	19
B.2 Physical and material defects.....	19
B.3 Corrosion.....	20
Annex C (normative) Determination of the top clearance .....	22
Annex D (normative) Cracks in the porous material.....	24
Annex E (informative) Rings for indicating the date of the next periodic inspection for gas cylinders.....	25
Bibliography.....	27