

DIN EN ISO 10462:2014-05 (E)

Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance (ISO 10462:2013)

Contents		Page
Foreword		3
Introduction		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		5
4 General		7
4.1 Intervals between periodic inspections		7
4.2 Requirements for inspection		7
5 Preparation of the acetylene cylinder		7
5.1 Depressurization of the acetylene cylinder		7
5.2 Preparation for external visual inspection		8
5.3 Removal of the valve		8
5.4 Removal of neck/core hole filters		8
6 Inspection and maintenance		9
6.1 External visual inspection		9
6.2 Inspection of the porous material		9
6.3 Addition of non-monolithic porous material		10
6.4 Replacement of porous material		11
6.5 Inspection of fusible plugs		11
6.6 Inspection of valves		11
6.7 Inspection of cylinder neck		11
6.8 Reassembly		12
7 Cylinder marking and identification		12
8 Records		13
9 Rejection and rendering cylinders unserviceable		13
10 Disposal of unserviceable cylinders		13
Annex A (informative) Tops of acetylene cylinders containing monolithic porous material		14
Annex B (normative) External visual inspection		17
Annex C (normative) Determination of the top clearance		20
Annex D (normative) Cracks in the porous material		22
Annex E (informative) Rings for indicating the date of the next periodic inspection for gas cylinders		23
Bibliography		25