

ISO 11363-2:2010-05 (E)

Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 2: Inspection gauges

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	2
4.1	Materials	2
4.2	Thread profile	2
4.3	Thread handedness	4
4.4	Taper	4
4.5	Pitch, P	4
5	Gauge dimensions	4
6	Inspection gauges	5
6.1	Gauges for cylinder neck thread	5
6.2	Gauges for valve stem thread	7
7	Check gauges	9
8	Use of inspection gauges	9
8.1	Plain gauges	9
8.2	Threaded plug gauges	9
8.3	Accept or reject criteria using plug gauges	9
8.4	Accept or reject criteria using ring gauges	10
9	Verification of inspection gauges	11
9.1	General	11
9.2	Plug gauges	12
9.3	Ring gauges	12
9.4	Use of check plug gauges	12
10	Identification	12
10.1	Inspection gauges	12
10.2	Check gauges	13
Annex A (informative)	Examples of calculation for thread gauge dimensions on the large end diameter	14
Annex B (informative)	Limitation of gauging system	16
Bibliography		18