

ISO 5175-2:2017-09 (E)

Gas welding equipment - Safety devices - Part 2: Devices not incorporating a flame (flashback) arrestor

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Design and materials	3
4.1	Connections	3
4.2	Materials	3
5	Requirements	4
5.1	General	4
5.2	Gas tightness	4
5.3	Pressure resistance	4
5.4	Non-return valve	4
5.5	Pressure relief valves	5
5.6	Excess flow cut-off valves	5
5.7	Flashback resistance	5
6	Methods for type testing	5
6.1	General	5
6.2	Accuracy of pressure and flow measurements	5
6.3	Test gases	5
6.4	Gas tightness test	6
6.5	Pressure resistance test	6
6.6	Non-return valve test	6
6.7	Pressure relief valves	6
6.8	Excess flow cut-off valve	6
6.9	Internal leakage test for cut-off valves	7
7	Manufacturer's instructions	7
8	Marking	7
Annex A (informative)	Gas flow measurement	9
Annex B (informative)	Third party testing information	11