

ISO 9012:2023-10 (E)

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Main types of aspiration	2
5	Apparatus	5
6	Requirements	6
6.1	General	6
6.2	Materials	6
6.3	Valves	6
6.4	Shank	6
6.5	Hose connection	7
6.6	Gas tightness	7
6.7	Gas-flow rate	7
6.8	Safety against sustained backfiring and blowing-off of the flame	7
6.9	Flame adjustment	7
6.10	Stability in air currents	8
6.11	Ignition	8
7	Tests	8
7.1	General	8
7.2	General checks	8
7.3	Operational tests	8
7.4	Shank-overheating tests	8
7.5	Gas tightness	9
7.6	Valve endurance test	9
7.7	Checking gas-flow rates	9
7.8	Safety against sustained backfire and blowing-off of the flame	9
7.9	Stability in air currents	9
7.10	Verification of the device against inadvertent operation	9
8	Marking	9
8.1	General	9
8.2	Marking of the shank	10
8.3	Marking of the attachment	10
9	Code letters identifying the gas(es) used	10
10	Instructions for use	10
Bibliography		11