DIN EN ISO 9012:2024-01 (E)

Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO 9012:2023)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Main types of aspiration ... **7**

5 Apparatus ... **10**

6 Requirements ... **11**
6.1 General ... 11
6.2 Materials ... 11
6.3 Valves ... 11
6.4 Shank ... 11
6.5 Hose connection ... 12
6.6 Gas tightness ... 12
6.7 Gas-flow rate ... 12
6.8 Safety against sustained backfiring and blowing-off of the flame ... 12
6.9 Flame adjustment ... 12
6.10 Stability in air currents ... 13
6.11 Ignition ... 13

7 Tests ... **13**
7.1 General ... 13
7.2 General checks ... 13
7.3 Operational tests ... 13
7.4 Shank-overheating tests ... 13
7.5 Gas tightness ... 14
7.6 Valve endurance test ... 14
7.7 Checking gas-flow rates ... 14
7.8 Safety against sustained backfire and blowing-off of the flame ... 14
7.9 Stability in air currents ... 14
7.10 Verification of the device against inadvertent operation ... 14

8 Marking ... **14**
8.1 General ... 14
8.2 Marking of the shank ... 15
8.3 Marking of the attachment ... 15

9 Code letters identifying the gas(es) used ... **15**

10 Instructions for use ... **15**

Bibliography ... **16**