ISO 28921-2:2015-11 (E)

Industrial valves - Isolating valves for low-temperature applications - Part 2: Type testing

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Test conditions 2
4.1 Valve selection 2
4.2 Testing criteria and selection of valve design 2
4.2.1 General 2
4.2.2 Representative valve design selection 3
4.2.3 Selection and qualification of sealing elements 3
4.3 Requirements for test valve, direction for installation and conditions 3
4.4 Preparation for low temperature test 3
4.4.1 General 3
4.4.2 Valve tests 3
4.4.3 Test equipment 3

5 Low temperature testing requirements 4
5.1 Safety provisions 4
5.2 Cooling of the valve 4
5.3 Test gas 4
5.4 Equipment 4
5.4.1 General 4
5.4.2 Test equipment 6
5.4.3 Instruments calibration 6

6 Information to be supplied by the purchaser 6

Annex A (normative) Test procedure for type testing of valves at low temperature 7

Annex B (informative) Information to be supplied by the purchaser 13

Annex C (informative) Low-temperature type test record 14

Bibliography 18