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AMENDMENT 1
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Industrial valves — Measurement, test and qualification procedures for fugitive emissions —

Part 1: Classification system and qualification procedures for type testing of valves

AMENDMENT 1

Robinetterie industrielle — Mesurage, essais et modes opératoires de qualification pour émissions fugitives —

Partie 1: Système de classification et modes opératoires de qualification pour les essais de type des appareils de robinetterie

AMENDEMENT 1

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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This document was prepared by Technical Committee ISO/TC 153, *Valves*.

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Part 1: Classification system and qualification procedures for type testing of valves

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Page 3, 3.15

Correct the definition as follows:

3.15
room temperature
temperature in the range of +5 °C to +40 °C, adjusted before the test

Pages 15 to 16, 6.4

Replace the text with the following:

The target temperature class shall be selected from Table 5. If the test is carried out at any temperature other than those specified in Table 5, the next lower class shall apply in case of the test temperature being above 40 °C, or the next higher class shall apply in case of the test temperature being below 5 °C.

If the test is carried out at any temperature other than those specified in Table 5, the temperature shall be added in the marking after the class between brackets.

EXAMPLE If the test temperature is 100 °C, the valve is qualified at tRT and the marking is “tRT (100 °C)”.

Testing at alternative temperatures shall be subject to agreement between the manufacturer and the purchaser.

Table 5 — Temperature classes

(t-196 °C)	(t-46 °C)	(t-29 °C)	(tRT)	(t200 °C)	(t400 °C)
−196 °C to RT	−46 °C to RT	−29 °C to RT	+5 °C to +40 °C	RT to 200 °C	RT to 400 °C

All test temperatures shall be recorded in the test report.

— Test at −196 °C qualifies the valve in the range −196 °C up to RT.

— Test at −46 °C qualifies the valve in the range −46 °C up to RT.

— Test at −29 °C qualifies the valve in the range −29 °C up to RT.

— Test at RT qualifies the valve in the range +5 °C up to +40 °C.

— Test at 200 °C qualifies the valve in the range RT up to 200 °C.

— Test at 400 °C qualifies the valve in the range RT up to 400 °C.

To qualify a valve in the range −46 °C up to 200 °C, two tests are necessary. These tests may be done separately using the same valve with a new stem seal system or separate valves of the same design:

— the test at −46 °C qualifies the valve in the range −46 °C up to RT;

— the test at 200 °C qualifies the valve in the range RT up to 200 °C.

Page 16, 6.6

Add the following:

EXAMPLE 4 If the test temperature is 100 °C:

Performance class: ISO FE BH (or BM) — CO1 — SSA 1 — tRT (100 °C) — PN 16 — ISO 15848-1.

ICS 23.060.01

Price based on 2 pages