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AMENDMENT 1
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Gas cylinders — Residual pressure valves — General requirements and type testing

AMENDMENT 1

Bouteilles à gaz — Robinets à pression résiduelle — Exigences générales et essais de type

AMENDEMENT 1

Reference number
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Foreword

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Amendment 1 to ISO 15996:2005 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

Gas cylinders — Residual pressure valves — General requirements and type testing

AMENDMENT 1

Page 1, Clause 2, Normative references

Replace the reference "ISO 10297:1999, *Gas cylinders — Refillable gas cylinder valves — Specification and type testing*" with the reference "ISO 10297, *Transportable gas cylinders — Cylinder valves — Specification and type testing*".

Page 12, Annex C

Replace the entire text of Annex C with the following:

"The residual pressure function of the valve should resist leakage of gas due to vibration experienced in transport.

The following test is given as an example of how to reproduce the vibration during transportation.

The test shall be carried out with a minimum of 3 samples (at least 1 sample per type variant).

The residual pressure valve shall be connected to a 5 l gas cylinder mounted on a vibration apparatus. The test shall be carried out with an initial pressure of 0,5 bar in the gas cylinder and with the main valve orifice open. After being subjected to vibration for 2,5 h (equivalent to 4 000 km, see MIL-STD-810F) along the axis of the residual pressure mechanism, the cylinder pressure shall be greater than or equal to 0,25 bar.

For carrying out the test in the laboratory, see for example MIL-STD-810F, Method 514.5, Procedure I, reference spectrum of figure 514.5C-1."

Page 15, Bibliography

Add the following reference at the end of the list:

"[7] MIL-STD-810F, *Department of Defense Test Method Standard for Environmental Engineering Considerations and Laboratory Tests*"

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