SLOVENSKI STANDARD
SIST EN ISO 10297:2014/oprA1:2016

01-marec-2016

Plinske jeklenke - Ventili za jeklenke - Specifikacija in preskus tipa - Dopolnilo A1 (ISO 10297:2014/DAM 1:2016)

Gas cylinders - Cylinder valves - Specification and type testing (ISO 10297:2014/DAM 1:2016)

Bouteilles à gaz - Robinets de bouteilles - Spécifications et essais de type (ISO 10297:2014/DAM 1:2016)

Ta slovenski standard je istoveten z: EN ISO 10297:2014/prA1

ICS:

23.020.30	Tlačne posode, plinske jeklenke	Pressure vessels, gas cylinders
23.060.40	Tlačni regulatorji	Pressure regulators

SIST EN ISO 10297:2014/oprA1:2016 en,fr,de

DRAFT AMENDMENT

ISO 10297:2014/DAM 1

ISO/TC **58**/SC **2**

Secretariat: **AFNOR**

Voting begins on:
2016-01-28

Voting terminates on:
2016-04-28

Gas cylinders — Cylinder valves — Specification and type testing

AMENDMENT 1: Pressure drums and tubes

Bouteilles à gaz — Robinets de bouteilles — Spécifications et essais de type

AMENDEMENT 1: .

ICS: 23.060.40; 23.020.30

ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Amendment 1 to ISO 10297:2014 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

Gas cylinders — Cylinder valves — Specification and type testing

Page 1, Clause 1, Scope

After c) add following list item d):

d) "valves for pressure drums and tubes."

Replace Note 1 by:

"NOTE 1 Where there is no risk of ambiguity, cylinder valves, main valves, VIPR and valves for pressure drums and tubes are addressed with the collective term “valves” within this International Standard."

Page 14, subclause 5.5.2, Resistance to mechanical impact

Replace third paragraph by:

“Distortion due to impact is permissible. After being impacted, the closed valve shall withstand a hydraulic pressure test in the closed position only and an internal tightness test, each at p_{vt}. The total leakage (comprising that from the valve internal sealing system plus that from the threaded joint between the valve and the cylinder/test fixture) shall not exceed 100 cm^3/h. Any leakage shall not result from cracking of the valve body. In addition the test sample shall remain capable of being opened for emergency venting purposes by hand or by using a simple tool or actuating connector (e.g. a valve key) provided the opening torque, if relevant, does not exceed T_f, see Table 1.”

Page 19, subclause 6.1.2

Replace list item k) by:

k) "integration or removal of optional components like residual pressure device and non-return valve or functions like pressure reduction function (repetition of any tests to be decided case by case depending on the change). Removal of a pressure relief device will not require any tests to be repeated."

Page 24, subclause 6.9, Hydraulic burst pressure test

Replace list item a) by:

a) "the valve seat in closed position (closed with $T_{e,start}$, valve outlet connection(s) opened); and

NOTE 2 This requirement is to meet transport regulation."

Replace last paragraph by:

"For the test in the closed position it is permissible to leak through the seat at a pressure above p_{vt} provided no parts are ejected. For manually operated valves p_{vbt} always has to be reached but it is