

VÍTKOVICE CYLINDERS a.s.

Ruská 24/83,
706 00 Ostrava - Vítkovice
Czech Republic
Fax.: 00420/596 664 642
IČ : 25849026



**Cylinders
Holding**



EU DECLARATION OF CONFORMITY No.: 180361/1

EU PROHLÁŠENÍ O SHODĚ č.:

*According to Annex IV of Directive 2014/68/EU, implemented by Czech law
No. 90/2016 and by Czech government regulation No. 219/2016.*

podle přílohy IV směrnice 2014/68/EU, implementované zákonem ČR č. 90/2016 Sb. a Nařízením vlády ČR č. 219/2016 Sb.

Customer /Zákazník

**FHU "OPTIMAL-BIS" DANUTA
KOSMALSKA**

Contract No. /Smlouva č.

Shop order No./Zakázka č.

Product/Výrobek

OL180361

**Seamless steel cylinders for breathing
apparatus**

Bezešvé ocelové lahve pro dýchací přístroje

7 L – D 140/3,1 mm

230 / 345 bar

Type/Typ - Dimensions/ Rozměry

Working pressure/Test pressure

Pracovní přetlak/ Zkušební přetlak

Quantity/ Množství

20 pcs

Production numbers /Výrobní čísla

14403310-14403329

Customer numbers /Zákaznická čísla

Drawing No. /Výkres č.

LA 4 – 0883

Technical standard/Technická norma

EN ISO 9809-2

Material/Materiál - Heat/Tavba = Heat code/Krycí znak tavby

34CrMo4 – 676831=H6

Test lot /Zkušební skupina

H6/1

Paint/Nátěr

RAL 9010

We declare that cylinders are in conformity with the type as described in the EC type examination certificate No. 05.759.260 and satisfy the requirements of the Directive 2014/68/EU, implemented by Czech law No. 90/2016 and by Czech government regulation No. 219/2016.

Prohlašujeme, že lahve se shodují s typem popsáním v certifikátu příslušného typu 05.759.260 a splňují požadavky směrnice 2014/68/EU implementované zákonem č. 90/2016 Sb. a NV č. 219/2016 Sb.

Conformity assessment procedure – Module: B (EC type – examination) + C1 (conformity to type)

Postup vyhodnocení shodnosti – modul : B (ES přezkoušení typu) + C1 (shodnost s typem)

The monitoring is performed by:

TÜV SÜD Czech s.r.o., Novodvorská 994, 142 21 Praha 4, Czech Republic

Dozor se provádí prostřednictvím :

Identification No.: 1017

Identifikační číslo : 1017

Enclosure : List of production numbers of supplied cylinders

Příloha : Seznam výrobních čísel dodaných lahví

All prescribed inspections and tests were carried out in accordance with the purchase contract and the above-mentioned standard and were satisfactory. The cylinders were stamped with the mark of conformity CE 1017. Všechny předepsané kontroly a zkoušky byly provedeny v souladu s kupní smlouvou a výše uvedenou normou a byly vyhovující. Lahve byly označeny značkou shody CE 1017.

V Ostravě dne: 9.7.2018

Authorized representative of producer :

Oprávněný zástupce výrobce:

VÍTKOVICE CYLINDERS a.s.

Ruská 24/83

Alexandr Heczko 706 00 Ostrava-Vítkovice

QC departement – Řízení kvality

Order number OL180361	Customer FHU "OPTIMAL-BIS" DANUTA KOSMALSKA	Cylinder type 7 L oxygen, nitrox or air		
Pieces 20	Test pressure 345,00 bar	Year / Month 2018 / 6		
Production number	Customer number	Testing group	Cylinder weight	Capacity
14403310		H6/1	7,32	7,00
14403311		H6/1	7,31	7,00
14403312		H6/1	7,43	7,00
14403313		H6/1	7,27	7,00
14403314		H6/1	7,34	7,00
14403315		H6/1	7,44	7,00
14403316		H6/1	7,36	7,00
14403317		H6/1	7,32	7,00
14403318		H6/1	7,31	7,00
14403319		H6/1	7,41	7,00
14403320		H6/1	7,23	7,00
14403321		H6/1	7,34	7,00
14403322		H6/1	7,33	7,00
14403323		H6/1	7,37	7,00
14403324		H6/1	7,28	7,00
14403325		H6/1	7,36	7,00
14403326		H6/1	7,36	7,00
14403327		H6/1	7,34	7,00
14403328		H6/1	7,29	7,00
14403329		H6/1	7,28	7,00

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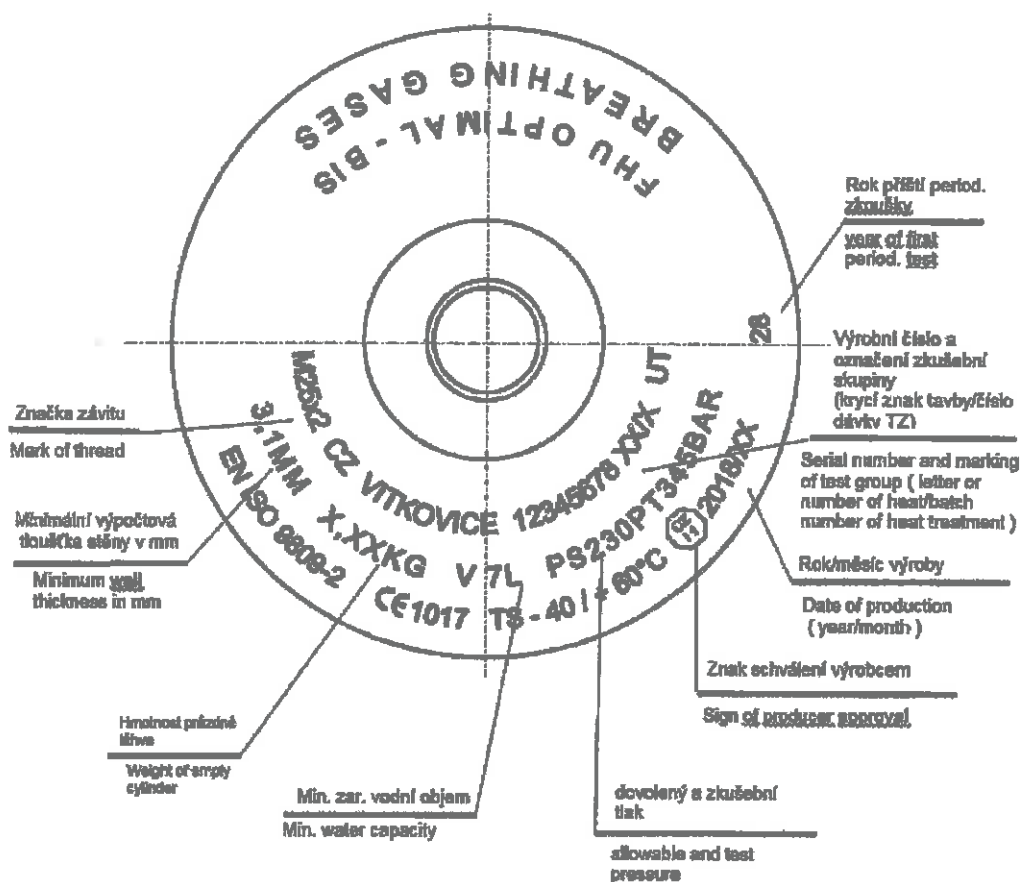
Instruction for application

(drawing LA4-0883rev.0)

(order no.OL180361)

These seamless steel cylinders are defined for portable respiration apparatuses *.
These cylinders are on compressed air, oxygen and other respiration mixtures and designed as portable cylinders for the divers, firemen, persons working with asbestos and the like.
These cylinders are defined for the installation at oxygen/air facilities of the hospitals. *

Description of stamping



Operation Instructions

Maximal working overpressure in bar at steady temperature 15 °C is stated in stamping (PS).

The cylinder can be operated only in the range of temperatures: low temperature -stated in stamping , upper temperature +60°C for entirely filled cylinder and in other cases it is such that at certain level of cylinder filling pressure shall not exceed value $0,75 \times$ testing pressure (PT).

The cylinders shall be stored, handled and used in a way to prevent from :

- their damage and change of shape that can result in safety reduction (scratches, dead holes and the like.)
- temperature exceed of cylinder and its medium above 60 °C for entirely filled cylinder
- formation of excessive surface or pitting corrosion, rusting or contamination of inside surface

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**Vítkovice
Cylinders**



Application

The cylinders can be used exclusively for the medium stated in stamping .

The cylinders can be filled only by the authorized organization - assigned with the applicable regulations and in compliance with the applicable technical instructions and standards.

Repairs with welding, material heating of cylinders without medium above 300 °C, any interventions in cylinders construction, not approved changes in stamping are strictly forbidden.

Maintenance and inspection

The cylinders shall be subject to inspections in periods assigned in the applicable instructions and standards. The inspection shall be done only by authorized inspector.

In case of damage of cylinder surface (scratches, tears, deformations, excessive surface corrosion, pitting corrosion and the like) or cylinder exposure to influences that could deteriorate its material properties or damage the cylinder (exposure to temperature above 300 °C, internal overpressure higher than testing pressure (PT) for more than 3 % and so on) the cylinder shall be subject to not planned inspection and proceed further according to the inspector's decision.

The cylinders that do not satisfy shall not be in operation. The cylinders defined for disposal shall be physically scrapped. The cylinder material (low-alloy steel) is completely recycled, for ex. through the scrap yards. The cylinders can be also returned for disposal to the producer.

*Note.: * Respiration apparatus is a personal protective means and so it shall be carried and kept by the individual.*

Prepared by:

Tomáš PIJANOWSKI

VÍTKOVICE CYLINDERS a.s.

050.30- Products and tooling development and Automotive

Date: 21. 6. 2018

Approved by:

Ing. Aleš MUSIAL

VÍTKOVICE CYLINDERS a.s.

050.30- Products and tooling development and Automotive

Date: 21. 6. 2018



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