

Medical CYLINDERS

Medical gas cylinders are all manufactured according to EN 1975:2000 or ISO 7866:2012 design standards and 2010/35/EU (TPED) directive.

Aluminium alloy high pressure medical gas cylinders manufactured by MES range from 1 lt to 10 lt and are tested at 300 bar pressure.

The aluminium alloy medical gas cylinders offer noteworthy advantages such as being lightweight, corrosion-resistant and non-magnetic.

For medical cylinders range; in addition to 6061-T6 alloy, Mes also presents 7060 alloy cylinders, which are also tested at 300 bar pressure, while offering 30% weight advantage.



Specifications

AA6061-T6 Aluminium Alloy

Water Capacity (lt)	Diameter (mm)	Length (mm)	Weight (kg)	Working Pressure (bar)	Test Pressure (bar)	Thread	Specification
1	102	235	1,68	200	300	17E	2010/35/EU
2	102	350	1,50	100	150	17E	2010/35/EU
2	102	400	2,60	200	300	17E	2010/35/EU
3	117	460	4,00	200	300	25E	2010/35/EU
4	111	635	4,67	200	300	25E	2010/35/EU
5	140	530	6,70	200	300	25E	2010/35/EU
10	140	965	11,65	200	300	25E	2010/35/EU
10	176	655	13,25	200	300	25E	2010/35/EU

AA7060 Aluminium Alloy

Water Capacity (lt)	Diameter (mm)	Length (mm)	Weight (kg)	Working Pressure (bar)	Test Pressure (bar)	Thread	Specification
2	102	360	1,85	200	300	17E	2010/35/EU
5	140	473	4,59	200	300	25E	2010/35/EU



MESCylinders





Baumusterprüfbescheinigung

Type – Approval Certificate

EU Baumusterprüfung nach Richtlinie 2010/35/EU und ADR Ausgabe 2015
EU type approval according to Directive 2010/35/EU and ADR edition 2015

Bescheinigung Nr.: **INE-PE-TPE-0105-2018-TURK-124-**
Certificate No.: **18-IS-0022**

Hersteller / manufacturer:
MES MAKINE ELEKTRİK KİMYA
SANAYİ A.Ş.
DOSB 3.Kısım D-3003 Sokak No:2
Dilovası, Kocaeli / TURKEY

Hiermit wird bescheinigt, dass die Ergebnisse der an dem unten genannten ortsbeweglichen Druckgeräte vorgenommenen Prüfungen die Anforderungen der Richtlinie 2010/35/EU und 2008/68/EG (ADR) erfüllen. Diese Bescheinigung ist maximal 10 Jahre gültig.
This is to certify that the results of the examination of the vessel mentioned below meet the requirements of the directive 2010/35/EU and 2008/68/EC (ADR). This certificate is valid for 10 years maximum.

Objekt:
object: **Flasche / cylinder**

Benennung:
description: **2LT 300 BAR GAS CYLINDER AA 6061 T6**

Norm:
standard: **EN ISO 7866**

Prüfbericht Nr.:
test report no.: **18-IS-0022-2018-IR-06-18-2LT GAS CYLINDER**

İSTANBUL
Ort / place:

25.04.2018
Datum / date:

HAKİM ÖZLÜK
TÜV AUSTRIA SERVICES GMBH
Benannte Stelle 0408
Notified body 0408

TÜV AUSTRIA SERVICES GMBH

FM INE-PE-TPE-0105_
Konformitätsbescheinigung_TPFD
Revision: 05 vom 13.01.2017
Seite 1/2

Auszugsweise Vervielfältigung nur mit Genehmigung der TÜV AUSTRIA SERVICES GMBH gestattet.
Alle Prüf-, Inspektions- und Überwachungsaktivitäten erfolgen gemäß QM System der
TÜV AUSTRIA SERVICES GMBH.
Excerpt duplication only with permission of TÜV AUSTRIA SERVICES GMBH.
All testing inspection and surveillance activities were carried out in accordance with the QM system of
TÜV AUSTRIA SERVICES GMBH.

Deutschstraße 10
1230 Wien / Österreich
Tel. +43 (0)5 0454
E-Mail: ine.austria@tuv.at





Baumusterprüfbescheinigung Type – Approval Certificate

EU Baumusterprüfung nach Richtlinie 2010/35/EU und ADR Ausgabe 2015
EU type approval according to Directive 2010/35/EU and ADR edition 2015

Bescheinigung Nr.: **INE-PE-TPE-0105-2018-TURK-125-**
Certificate No.: **18-IS-0022**

Hersteller / manufacturer:

MES MAKINE ELEKTRİK KİMYA
SANAYİ A.Ş.

DOSB 3.Kısım D-3003 Sokak No:2
Dilovası, Kocaeli / TURKEY

Hiermit wird bescheinigt, dass die Ergebnisse der an dem unten genannten ortsbeweglichen Druckgeräte vorgenommenen Prüfungen die Anforderungen der Richtlinie 2010/35/EU und 2008/68/EG (ADR) erfüllen. Diese Bescheinigung ist maximal 10 Jahre gültig:

This is to certify that the results of the examination of the vessel mentioned below meet the requirements of the directive 2010/35/EU and 2008/68/EC (ADR). This certificate is valid for 10 years maximum.

Objekt:
object: **Flasche / cylinder**

Benennung:
description: **10LT 300 BAR Ø176 GAS CYLINDER AA 6061 T6**

Norm:
standard: **EN ISO 7866**

Prüfbericht Nr.:
test report no.: **18-IS-0022-2018-IR-07-18-10LT GAS CYLINDER**

İSTANBUL
Ort / place:

25.04.2018
Datum / date:

HAKIM ÖZLÜK
TÜV AUSTRIA SERVICES GMBH
Benannte Stelle 0408
Notified body 0408

FM-INE-PE-TPE-0105

Konformitätsbescheinigung_TPED

Revision: 05 vom 13.01.2017

Seite 1/2

TÜV AUSTRIA SERVICES GMBH

Ausgangweise Vervielfältigung nur mit Genehmigung der TÜV AUSTRIA SERVICES GMBH gestattet.
Alle Prüf-, Inspektions- und Überwachungstätigkeiten erfolgen gemäß QM System der
TÜV AUSTRIA SERVICES GMBH.
Excerpt duplication only with permission of TÜV AUSTRIA SERVICES GMBH.
All testing inspection and surveillance activities were carried out in accordance with the QM system of
TÜV AUSTRIA SERVICES GMBH.

Deutschstraße 10
1230 Wien / Österreich
Tel. +43 (0)5 0454
E-Mail: ine-austria@tuv.at





TECHNICKÁ INŠPEKCIA, a.s.



SLOVENSKÁ REPUBLIKA

CERTIFICATE
no.: 3954/3/2015-3

issued according to the directive 2008/68/EC and 2010/35/EU

Annex to the Directive 2008/68/EC:	ADR/RID 2015
Used standard(s):	EN ISO 10297:2006
Type of test:	Type approval
Name of equipment:	Cylinder valve
Type designation:	kasweld GTV-250 17E
Manufacturer:	GÜNEŞ GAZ ARMATÜRLERİ SAN. Ve TİCARET LTD. ŞTİ. Orhanlı Merkez Mah. Sok. No: 16 Tuzla – İstanbul / Turkey
Inspection report:	3954/3/2015-3

After the assessment of documents, inspection and evaluation of tests results

Technická inšpekcia, a.s.

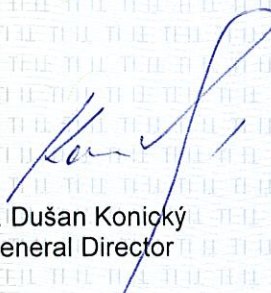
certifies, that

equipment fulfils essential safety requirements verified by the test

Manufacturer will inform Technická inšpekcia, a. s. about every modifications of the equipment that can affect its safety.

Date and place: Bratislava, 19th October 2015

Certificate validity: 18th October 2025


Ing. Dušan Koničák
General Director

301152

OSV ADR2-092



TECHNICKÁ INŠPEKCIA, a.s.

SLOVENSKÁ REPUBLIKA



CERTIFICATE
no.: 02261/3/2012-1

issued according to the directive 2008/68/EC and 2010/35/EU

Annex to the Directive 2008/68/EC:	ADR/RID/ADN 2011
Used standard(s):	EN ISO 10297
Date of test:	4 th May and 04 th June 2012
Type of test:	Type approval
Name of equipment:	Gas cylinder valve
Type designation:	kasweld GTV-230
Manufacturer:	GÜNEŞ GAZ ARMATÜRLERİ SAN. Ve TİCARET LTD. ŞTİ. Orhanlı Merkez Mah. Sok. No: 16 Tuzla – Istanbul / Turkey
Inspection report:	2261/3/2012-01

After the assessment of documents, inspection and evaluation of tests results

Technická inšpekcia, a.s.

certifies, that


equipment fulfils essential safety requirements verified by the test

Manufacturer will inform Technická inšpekcia, a. s. about every modifications of the equipment that can affect its safety.

Date and place: Bratislava, 15th June 2012

Certificate validity: 15th June 2022




Ing. Dušan Konický
General Director

197806

OSV ADR2-092