



CERTIFICATE OF EU-TYPE EXAMINATION

No 1468-PED-559

Issued for:
(name and address)

Stako Spółka z ograniczoną odpowiedzialnością
ul. Poznańska nr 54
76-200 Słupsk

Confirms that:

LPG cylinders type B-2210

Submitted to:

EU-Type examination - production type (module B)

Meets the requirements:

Directive 2014/68/EU of the European Parliament and of the Council of 15 May 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment

Additional information:

Appendix no 1468-TPED-559.1

Certificate remains valid subject to observance by the holder all the obligations of the contract No JN-1468-PED-008/19 and the requirements of the reference documents for the assessment conducted. Product should meet the requirements of the reference documents specified in the appendix 1468-PED-559.1 and cannot be subject to any modifications. Reports, protocols and records on its inspections and tests constitute an integral part of this certificate.

Place and date of issue

Warszawa, 2022-02-16

Date of certificate validity

2032-02-16

Date of translation: 2022-03-03

Deputy Director
of Transportowy Dozór Techniczny

Małgorzata Możdzierz-Zarzyka



NOTIFIED BODY 1468

TRANSPORTOWY DOZÓR TECHNICZNY

Appendix no 1468-PED-559.1 to certificate of EU-type examination no 1468-PED-559

Issued for:
(name and address) **Stako Spółka z ograniczoną odpowiedzialnością**
ul. Poznańska nr 54
76-200 Słupsk

Product: **LPG cylinders type B-2210**

Technical documentation:
(number, revision) **Technical documentation of LPG bottles, July 2021**

Product characteristic: **Material: steel P310 NB, in acc. PN-EN 10120, minimum strength parameters: $R_e \geq 310$ MPa, $R_m \geq 460$ MPa.**
Calculation and test pressure $PT=30$ bar
Working pressure $PS=20$ bar
Diameter: 300 mm
Capacity: 26,36 liters

The assessment protocol: **T23-01/21, TDT-517-6/22, TDT-517-10/22, TDT-517-11/22, TDT-517-13/22, TDT-517-16/22, TDT-517-22/22, TDT-517-117/22, TDT-517-115/22, TDT-517-122/22, TDT-517-123/22**

Scope of limitation: **Liquefied Petroleum Gas (LPG) - a low pressure liquefied gas composed of one or more light hydrocarbons which are assigned to UN:**

UN-number	Name, class, classification code and packaging group
1011	BUTANE class 2, classification code 2F
1075	PETROLEUM GASES, LIQUEFIED, class 2, classification code 2F
1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. such as mixtures A, A01, A02, A0, A1, B1, B2, B or C), class 2, classification code 2F
1969	ISOBUTANE, class 2, classification code 2F
1978	PROPANE, class 2, classification code 2F

only and which consists mainly of propane, propene, butane, butane isomers, butene with traces of other hydrocarbon gases

Range of temperature: $-20^{\circ} \text{++} +65^{\circ} \text{C}$

Date of the next periodic inspection: --

List of standards:

Standard number	Title	Edition
PN-EN 1442	LPG equipment and accessories -- Transportable refillable welded steel cylinders for LPG -- Design and construction	2017-08

List of approved documents:

Title	Reference	Edition
1. Purpose.		
2. Conformity assessment		
3. Construction		
4. EU declaration of conformity sample.		
5. Risk analysis.		

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Appendix no 1468-PED-559.1 to certificate of EU-type examination no 1468-PED-559

6. List of used standards		
7. Calculation of Family LPG Bottle, according to PN-EN 1442.		
8. Other documents, including material attestats.		
9. User's manual of Stało LPG cylinders manufactured acc. to 2014/68/EU and 2010/35/EU and PN-EN 1442 standard.		
10. Drawings:		
- „LPG cylinders”,	2210.01.000	
- „Mantel cylinder”,	2210.01.001	
- Bottom D300 in acc. with EN1442 TPED;PEd g=2.5”,	142.29.300	
- „Shell+hole D300 EN1442 PED; TPED g=2.5”,	142.29.300.01	
- Label Bottle in acc. with EN1442 PED 2014/68/EU; TPED 2010/35/EU	TZ-349	
- „Armature plate”	B-14.02	

List of technical approvals/ authorisations, homologations and other certificates:

Title	Issued by	Reference number / date	Date of issue / date of validity
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Data concerning the operation, routine maintenance and regulation can be found in technical documentation. The applicant concluded information on product conformity with directive 2014/68/EU. This information is included in the technical documentation.

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