

ECE TYPE-APPROVAL CERTIFICATE



Communication concerning:²

- ~~Approval granted~~
- ~~Approval extended~~
- ~~Approval refused~~
- ~~Approval withdrawn~~
- ~~Production definitely discontinued~~

of a type of LPG equipment pursuant to Regulation No. 67.

Approval No: **E24 67R-010018**

Extension No: **02**

Reason(s) of extension:

– See page 4 of the test report 0128\ISP\OMLS\17_2 for details

1. LPG Equipment Considered:
~~Container including the configuration of accessories fitted to the container, as laid down in Appendix 1 to this annex.~~
~~80 per cent stop valve~~
~~Level indicator~~
~~Pressure relief valve (discharge valve)~~
~~Pressure relief device~~
~~Remotely controlled service valve with excess flow valve~~
~~Multivalve, including the following accessories:~~
~~Gas tight housing~~
~~Power supply bushing (pump/actuators)~~
~~Fuel pump~~
~~Vaporizer/pressure regulator~~
~~Shut off valve~~
~~Non return valve~~
~~Gas tube pressure relief valve~~
~~Service coupling~~
~~Flexible hose~~
~~Remote filling unit~~
~~Gas injection device or injector~~
~~Fuel rail~~
~~Gas dosage unit~~
~~Gas mixing piece~~
~~Electronic control unit~~
~~Pressure/temperature sensor~~
~~LPG filter unit~~

Type:

TU-GAS L**

2. Trade name or mark:

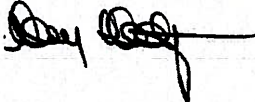
THUNDERFLEX, CIDAT, AUTO-FLEX

3. Manufacturer's name and address:

**SC THUNDERFLEX SRL,
Str. Vladeasa, nr. 43 B,
405400 Huedin, (CG), Romania.**

Approval No: E24 67R-010018

Extension No: 02

4. If applicable, name and address of manufacturer's representative: *N/A.*
5. Submitted for approval on: *As before and 10.11.2017*
6. Technical service responsible for conducting approval tests: *CSI S.p.A.,
V.le Lombardia, 20,
20021 Bollate (MI),
Italy.*
7. Date of report issued by that service: *As before and 10.11.2017*
8. No. of report issued by that service: *New: 0128\ISP\OMLS\17_2
Former: 0006\ISP\OML\12_2
0030\ISP\OMLS\13*
9. Approval ~~granted/ refused/ extended/ withdrawn~~: *Extended.*
10. Reason(s) of extension (if Applicable): *See top of page 1 of this cert
for details*
11. Place: *Dublin.*
12. Date: *29th November, 2017.*
13. Signature: 



14. The documents filed with the application or extension of approval can be obtained upon request:

Documentation:

9 pages

Annex 2B – Appendix 1 (Containers Only)

1. Container characteristics from the parent container (configuration 00): N/A.
- (a) Trade name or mark: N/A.
 - (b) Shape: N/A.
 - (c) Material: N/A.
 - (d) Openings: N/A.
 - (e) Wall thickness: N/A.
 - (f) Diameter (cylindrical container): N/A.
 - (g) Height (specific container shape): N/A.
 - (h) External surface: N/A.
 - (i) Configuration of accessories fitted to container, see table 1: N/A.

Table 1

No.	Item	Type	Approval No.	Extension No.
a	80 per cent stop valve			
b	Level indicator			
c	Pressure relief valve			
d	Remotely controlled service valve with excess valve			
e	Fuel pump			
f	Multi-valve			
g	Gas-tight housing			
h	Power supply bushing			
i	Non return valve			
j	Pressure relief device			



2. List of the container family:

N/A.

The lists of the container family indicate the diameter, capacity, external surface and the possible configuration(s) of the accessories fitted to the container.

N/A.

Table 2

No.	Type	Diameter/height [mm]	Capacity [L]	External surface [cm ²]	Configuration of accessories [code] 1/
a					
b					

1/ Code 00 and, if applicable, same code(s) from table 3.

3. Lists of the possible configurations of accessories fitted to the container:

N/A.

Specify a list of the possible accessories, which differ from the tested configuration of accessories (code 00) and which may be fitted to the type of container. Specify for all accessories, type, approval number and extension number, indicating its own configuration code.

Table 3

No.	Accessories	Type	Approval No.	Extension No.	Configuration of accessories [code]
a					
b					
c					
d					