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**NOTIFIED BODY TYPE APPROVAL CERTIFICATE**

Issued in accordance with Pt. 1.8.7.2 of ADR 2017 agreement and following:

Directive 2010/35/EU (TPED)  
Directives 2008/68/EC (Annex 1) & 2016/2309/EU;

Certificate N°:  
**17/FR/4258**

Index 0 – Rev.0

**Manufacturer:**  
**ULLIT**  
ZI La Martinerie  
36130 DIORS  
**FRANCE**

**Concerned Equipment:** Fully wrapped composite cylinder with thermoplastic liner.

According to drawing N°: RESER-DE-EN12245-320L-457-03-1750

Working Pressure: 250 bar (à + 15 °C)  
Thread: 2’’ – 12UN-2B  
Nominal diameter (outside): 457 mm +/- 6 %  
Length: nom: 2565 mm ± 12% (embase à embase)  
Liner Material: Thermoplastic  
Type of fibre: Carbon + Glass fibre  
Gas(es): Hydrogen Compressed (UN1049), Air Compressed(UN1002), Helium Compressed (UN1046), Methane, compressed or natural gas, compressed with high methane content (UN1971), Nitrogen Compressed (UN 1066), Argon Compressed (UN1006) & Argon mixtures .

Test Pressure: 375 bar.  
Max. Service Life: 20 Years.  
Capacity min : 320 LITRES (à 250 bar)

Type of Resin: Epoxy

**Concerned EC Directives & Standards used for this type approval:**  
TPED (2010/35/EU), ADR 2017 & EN 12245:2009+A1:2011.

*The conformity assessment of the concerned equipment will be performed in accordance with:*

- Pt. 1.8.7.3 of ADR (Supervision of the manufacture).
- Pt. 1.8.7.4 of ADR (Initial inspection and tests)

This will be performed by a relevant body which can be either:

- A TPED - ADR notified / inspection body (**Xa**), See Pt 6.2 of ADR, or
- The in-house Inspection Service of the manufacturer (**IS**), See Pt 6.2 of ADR.

*The manufacturer is allowed to affix the π mark followed by the appropriate notified body identification number to approved equipment under the conditions described in the chapter 3 of the TPED Directive (2010/35/EU).*

**The approval is valid until 4<sup>th</sup> January 2028**

Approval Date: **05.01.2018**  
**Manager.**

Name: **Leplat Ch. ir**

Position: **General**

Notified body identification n°: **0029**

Signature:

Notified body (Xa): **APRAGAZ**  
Chaussée de Vilvorde, N° 156  
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Notified body reference /Technical file: 15.03/F.3169