

Certificate

Type approval

for manufacturing of transportable pressure equipment

Certificate-No.:

01 230 170/B-25 6048.02

Revision of Certificate No. 01 230 170/B-25 6048.01 from 2026-01-06

Applicant:

Ragasco AS

Business Address: Grøndalsvegen 2, 2830 Raufoss

**Postal Address: P. O. Box 50, 2831 Raufoss
Norway**

Manufacturer:

See Applicant

It is confirmed that the described type complies with the requirements of the directive 2010/35/EU on transportable pressure equipment.

Specifications:

Dir. 2010/35/EU, in compliance with ADR/RID 2025 and EN 14427:2022

Description of the type:

Fully wrapped fibre reinforced composite gas cylinders with non-load-sharing non-metallic liner (type 4); for liquefied gases with classification code 2F with $PH \leq 30$ bar acc. P200 expt UN 2455; Liner: HDPE, fibers: E-glass, resin: Polyester, Epoxy-based vinyl ester, Epoxy, boss: brass CW617N; Diameter = 305 ± 5 mm (with outer casing) / 296 ± 4 mm (pressure vessel); Length = 291 up to 626 ± 5 mm (pressure vessel); Capacity = 24.5 L (baseline), 12.5 L, 18.2 L, 20.6 L, 26,2 L, 27.4 L, 33.5 L; Test pressure $PH = 30$ bar(g); Working temperature $-40 / +65$ °C.

Drawing No.:

0113300-000, revision G, change date 2023-11-22

Report-No.:

This approval is based on the results of the type examination report no:
01 202 555/B-200003-T dated 2022-04-27
01 202 555/B-200010-T dated 2022-10-14
01 202 555/B-200018-T dated 2025-06-04

Chemical compatibility:

The chemical compatibility for the gasses listed in annex 3 to the type examination report is confirmed.

Validity:

This approval is valid for a period not exceeding 10 years.
End of period: 04/2032

Trier, 2026-02-17

Christof Lentes
Certifier

Inspection body for transportable pressure equipment



TÜV Rheinland Industrie Service GmbH
Am Grauen Stein, 51105 Cologne, Germany
Notified body for transportable pressure equipment (NB 0035)
Competent authority: Zentralstelle der Länder für Sicherheitstechnik (ZLS), Deutschland
Accredited acc. to DIN EN ISO/IEC 17020:2012 (Nr.: D-IS-11052-03-00)

N-034a-E rev.12