



Certificate no : 0343/MLN/UN/25/PRJ11100539244/01 ENG
Revision no : 1
Certificate Date : 29/10/2025
Reason for Reissue :



Type Approval Certificate for Non-Refillable Metallic Gas Cylinders

This Certificate is issued to EUROTRE S.r.l. to certify that the undersigned Surveyor attended the works at EUROTRE S.r.l. Via A. Volta, 12/13 Castelnovo di Sotto (RE) - Italy to carry out a Type Approval against the requirements of ISO 11118 : 2015 + Amd.2019 and ADR 2025

ADR Inspection Body :	LRQA Nederland B.V.
Approval Number:	0343/MLN/UN/25/PRJ11100539244/01 ENG
Original Approval Issue Date:	29 October 2025
Current Certificate Issue Date:	29 October 2025
Expiry of Certificate:	28 October 2035 (unless standard is revoked within ADR)
Description :	L Non-Refillable Metallic Gas Cylinders
Reference Standard :	ISO 11118 : 2015 + Amd.2019
Cylinder Drawing Number :	UN-EU165D100-24 Rev. 0
Manufacturing Process :	Welded Steel Cylinder
Diameter range :	Minimum = 99 mm to Maximum = 101 mm
Length range :	Minimum = 150 mm to Maximum = 514 mm
Minimum Wall Thickness :	2,427mm
Minimum Base Thickness :	2,35mm
Capacity range :	Minimum = 1.1 L to Maximum = 3.3 L
Tare Weight range :	Minimum = 0,73 kg to Maximum = 2,60 kg
Test Pressure :	165 Bar
Charge Pressure :	110 Bar at 15 °C
Minimum Burst Test Pressure :	264 bar
Material :	Shell: ERW E355M EN 10296-1 or S355M EN 10219-1
Heat treatment :	As welded
Tensile Strength :	450-700 N/mm ²
Yield Stress :	355 N/mm ²
Elongation :	17 %
Hardness Test (range) :	-
Type Approval Comments :	Shoulder: S315MC EN 10149 - Convex base: S315MC EN 10149 or DD11 EN 10111 Non refillable seling devices VA1, VA2, VB1, VB2 are included within this scope.

Giorgio Gaspani

On behalf of LRQA Nederland B.V.

Issued at Milan Office

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