

EU TYPE APPROVAL CERTIFICATE

This is to certify that LRQA Nederland B.V.; a Notified Body under the terms of the Transportable Pressure Equipment Directive 2010/35/EU did undertake an EU Type Approval on the stated transportable pressure equipment to ensure its conformity with the requirements of the Directive which apply to it. The equipment identified below was shown to comply.

This certificate is issued to:

APPLICANT:

**HEROSE GmbH Armaturen und Metalle
Elly-Heuss-Knapp-Strasse 12
23843 Bad Oldesloe
Germany**

PRODUCT DESCRIPTION:

Cryogenic Globe Valve 014XX and T-Series 05 EWP

PRODUCT TYPE:

01420, 01423, 01428, 01470, 01473, T-Series 05 EWP

DESIGN STANDARD:

EN 1626:2008

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LRQA Nederland B.V. of any modification or changes to the equipment in order to maintain a valid certificate."

"This certificate is valid for ten years from the date of issue."

Certificate No: 0343/TPED/MUM/PRJ11100534357/3

Original Approval: 08 August 2025

Current Certificate: 08 August 2025

Certificate Expiry: 07 August 2035

Notified Body No. 0343



Shyam Gopalakrishnan on behalf of LRQA Nederland B.V.

EU TYPE APPROVAL

0343/TPED/MUM/PRJ11100534357/3

Equipment data:

| | |
|---------------------------------|---|
| Product Description: | Cryogenic Globe Valve 014XX and T-Series 05 EWP |
| Product Types: | 01420, 01423, 01428, 01470, 01473, T-Series 05 EWP |
| Maximum Design Pressure: | 50 bar |
| Capacity/Size: | DN 10, DN 15, DN 20, DN 25, DN 40, DN 50, DN 60, DN 80, DN 100 (Type: 01420, 01423, 01428) |
| | DN 60, DN 80, DN 100 (Type: 01470, 01473) |
| | DN 15, DN 20, DN 40, DN 50 (Type: T-Series 05 EWP) |

The above-mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2025 and the following Design Standard(s):

EN 1626:2008

Technical File Contents

| Title | Document Number | Date |
|--|------------------------------|-------------|
| As listed in Design Appraisal Document | HTS/PPT 17338-25 issue no. 0 | 18 Jul 2025 |

LRQA Reports

| Title | Document Number | Date |
|--------------------------------|------------------------------|-------------|
| LRQA Design Appraisal Document | HTS/PPT 17338-25 issue no. 0 | 18 Jul 2025 |
| LRQA Visit (Inspection) Report | PRJ11100534357/1 | 21 Jul 2025 |

Schedule Issue: 1

Date of Schedule Issue: 08 August 2025

Notified Body No. 0343

Shyam Gopalakrishnan on behalf of LRQA Nederland B.V.