

## EC 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 EC 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:**

**Mack Valves India Pvt. Ltd.  
Plot No.53, F-II Block  
MIDC, Pimpri, Pune 411 018  
Maharashtra, India**

**PRODUCT DESCRIPTION:**

**Cryogenic Liquid Cylinder Valves - SDNR-Extended**

**PRODUCT TYPE:**

**Valves (Type 157)**

**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/2110011/4

Original Approval: 23 March 2022

Current Certificate: 23 March 2022

Certificate Expiry: 22 March 2032

Notified Body No. 0343

  
Raj Kumar on behalf of LRQA Nederland B.V.

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## EC TYPE APPROVAL

### 0343/TPED/MUM/2110011/4

**Equipment data:**

|                             |   |
|-----------------------------|---|
| <b>Product Description:</b> | <b>Cryogenic Liquid Cylinder Valves - SDNR-Extended</b>   |
| <b>Product Type:</b>        | <b>Valves (Type 157)</b>  |
| <b>Size:</b>                | <b>DN06, DN08, DN10 &amp; DN15</b>  |
| <b>Drawing No:</b>          | <b>25339as3 Sheet 1 of 1, Rev.1; 25340as3 Sheet 1 of 1, Rev.1; 25341as3 Sheet 1 of 1, Rev.1</b> |
| <b>Test Pressure:</b>       | <b>As per para 5.1 of EN 1626</b>   |
| <b>Working Pressure:</b>    | <b>42 Bar,g</b>   |

The above-mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2021 and the following Design Standard(s):

EN 1626-2008

**LRQA Reports**

| <b>Title</b>              | <b>Document Number</b>       | <b>Date</b>   |
|---------------------------|------------------------------|---------------|
| Design Appraisal Document | BPA 2100557/2 Issue Number 0 | 01 March 2022 |
| Visit Report              | 02 vide PUN2000225           | 08 March 2022 |

|                         |               |
|-------------------------|---------------|
| Schedule Issue:         | 00            |
| Date of Schedule Issue: | 23 March 2022 |
| Notified Body No. 0343  |               |



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Raj Kumar on behalf of LRQA Nederland B.V.