

EC Type Approval Certificate

This is to certify that Lloyd's Register Verification; 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

Product type: Valves

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 LRV 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: 0038/TPED/MUM/1910140/1

Original Approval: 16 July 2019

Current Certificate: 16 July 2019

Certificate Expiry: 15 July 2029

LRV Notified Body Number 0038



B.Viswanath on behalf of Lloyd's Register Verification

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EC Type Approval
Mack Valves India Pvt. Ltd.
Cryogenic Liquid Cylinder Valves
Certificate No: 0038/TPED/MUM/1910140/1 SCHEDULE

Equipment data

Type:	Valves
Size:	DN08, DN10 & DN15
Drawing No:	25186as3 Sheet 1 of 1, Rev.2 / 25187as3 Sheet 1 of 1, Rev.2 / 25188as3 Sheet 1 of 1, Rev.2
Test Pressure:	168 Bar,g
Working Pressure:	42 Bar,g

The above mentioned equipment has been reviewed for compliance with the Transportable Pressure Equipment Directive 2010/35/EU, ADR 2019 and the following Design Code:

EN 1626-2008

As detailed in Design Appraisal Document Number BPA 1904970/2 Issue Number 0 dated 03 July 2019

LRV Reports

Title	Document Number	Date
Design Appraisal Document	BPA 1904970/2 Issue Number 0	03 July 2019
Visit Report	01 Vide PRJ1110013868	08 July 2019

Issue: 01
Date of Issue: 16 July 2019

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B.Viswanath on behalf of Lloyd's Register Verification