

## EC TYPE APPROVAL CERTIFICATE

This is to certify that Lloyd's Register 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:

<b>APPLICANT:</b>	<b>MEC Cryo, LLC. 4430 E Adamo Drive Tampa, FL 33605, USA</b>
<b>PRODUCT DESCRIPTION:</b>	<b>1000 Series DN40 (1½") with actuator 5000 Series DN50 (2") with actuator or handwheel</b>
<b>PRODUCT TYPE:</b>	<b>Cryogenic Valves</b>
<b>DESIGN STANDARD:</b>	<b>EN 1626:2008</b>

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 Lloyd's Register 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/PRJ11100320141/B
Original Approval:	01 February 2022
Current Certificate:	09 February 2022
Certificate Expiry:	31 January 2032
Notified Body Number	0343

Raj Kumar on behalf of Lloyd's Register Nederland B.V.

## EC TYPE APPROVAL

**MEC Cryo, LLC.**

**CERTIFICATE NO: 0343/TPED/PRJ11100320141/B SCHEDULE**

### Equipment data:

<b>Product Description:</b>	<b>1000 Series DN40 (1½") with actuator 5000 Series DN50 (2") with actuator or handwheel</b>
<b>Product Type:</b>	<b>Cryogenic Valves</b>
<b>Capacity:</b>	<b>DN40 and DN50</b>
<b>Test Pressure:</b>	<b>300.0 psig (21.0 barg)</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

### Technical File Contents

Title	Document Number	Date
As detailed on Design Appraisal Document number BPA2102013/2, issue 0, dated 24 December 2021		

### LRQA Reports

Title	Document Number	Date
Design Appraisal Document	BPA2102013/2, issue 0	24 December 2021
Inspection & Test Report	PRJ11100320141, Rev. 0	26 January 2022

Schedule Issue:	02
Date of Schedule Issue:	09 February 2022
LRQA Approved Body:	0343



Raj Kumar on behalf of Lloyd's Register Nederland B.V.