

## Type Approval Certificate Extension

This is to certify that Certificate No. 02/00064(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Pekos Fabricacion S.A.																
<b>PLACE OF PRODUCTION</b>	Poligono Industrial Bildosola K3 48142 Artea (Vizcaya) Spain																
<b>DESCRIPTION</b>	Cryogenic ball valves																
<b>TYPE</b>	Description: Cryogenic, split body, floating ball valves <table><tr><td>½" - 4"</td><td>Class 150-300</td></tr><tr><td>6" - 8"</td><td>Class 150</td></tr><tr><td>DN15-125</td><td>PN16-25-40</td></tr><tr><td>DN150-200</td><td>PN16</td></tr><tr><td>Temperature range (°C):</td><td>-196 to +200</td></tr></table> Description: Cryogenic, full trunnion ball valves <table><tr><td>1½" - 24"</td><td>Class 150-300-600</td></tr><tr><td>DN40-600</td><td>PN10-100</td></tr><tr><td>Temperature range (°C):</td><td>-196 to +120</td></tr></table>	½" - 4"	Class 150-300	6" - 8"	Class 150	DN15-125	PN16-25-40	DN150-200	PN16	Temperature range (°C):	-196 to +200	1½" - 24"	Class 150-300-600	DN40-600	PN10-100	Temperature range (°C):	-196 to +120
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<b>APPLICATION</b>	Cryogenic ball valves for use in LNG/LPG carriers, marine and offshore applications, and land based cold store applications.																
<b>SPECIFIED STANDARD</b>	LR Rules and Regulations for the Classification of Ships; LR Rules for Ships for Liquefied Gases; LR Rules and Regulations for the Classification of Refrigerated Stores, Container Terminals and Process Plant; API 598; BS 6364. BS 6775-1 EN 12266-1; ISO 5208																
<b>Certificate No.</b>	02/00064(E2)																
<b>Issue Date</b>	14 January 2013																
<b>Expiry Date</b>	6 August 2017																
<b>Sheet</b>	1 of 2																

Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS



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London Design Support Office  
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## OTHER CONDITIONS

1. The valves are to be suitable for the design pressure of that part of the piping system in which they are to be fitted.
2. The use of the valves in pipework systems in LR Classed LNG/LPG carriers, refrigerated cargo ships or cold/chill stores also require to be:
  - 2.1 Installed to the satisfaction of LR Surveyors and in accordance with the relevant Rules and Codes.
3. When used on an LR Classed installation, materials are to be sourced from an LR approved works.

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 02/00064(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 02/00064(E1) to which this extension should be attached.

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