



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 02/ 00026(E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Ampo S. Coop - Poyam Valves Division
PLACE OF PRODUCTION	Poligono Poyam 20213 Idiazabal Guipuzkoa Spain
DESCRIPTION	Stainless steel cryogenic gate, globe & check valves and ball valves with top entry and split body type having a full or reduced bore
TYPES	POYAM cryogenic valves Gate valves - 150 lbs to 1500 lbs Globe valves - 150 lbs to 900 lbs Check valves - 150 lbs to 900 lbs Ball valves top entry - 150 lbs to 1,500 lbs Ball valves split body - 150 lbs to 900 lbs
APPLICATION	For use in LNG/ LPG carriers, marine, offshore applications and land based cold store installations.
DESIGN CODE	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 600, API-6D, BS 1414, BS 5351, BS 1868, BS1873, BS 6364, ANSI B16.5, ANSI B16.10, ANSI B16.25, API 607

Certificate No.	02/ 00026(E4)
Issue Date	28 March 2017
Expiry Date	25 March 2022
Sheet	1 of 3



M.H.M.Rila
Southampton Technical Support Office
Marine & Offshore Lloyd's Register

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

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RATINGS

Cryogenic gate valves:

Pressure rating - 150 lbs to 1500 lbs
Size range – ½" to 24" (DN 15 to 600 mm)
Design to A PI 600 and BS 1414
Face to face dimensions – ANSI B16.10

Cryogenic globe valves:

Pressure rating - 150 lbs to 900 lbs
Size range – ½" to 16" (DN 15 to 400 mm)
Design to A PI 600 and BS 1873
Face to face dimensions – ANSI B16.10

Cryogenic check and swing check valves:

Pressure rating - 150 lbs to 900 lbs
Size range – ½" to 24" (DN 15 to 600 mm)
Design to A PI 600 and BS 1868
Face to face dimensions – ANSI B16.10

Cryogenic ball valves – top entry:

Pressure rating - 150 lbs to 1500 lbs
Size range – ½" to 12" (DN 15 to 300 mm)
Design to A PI 6D and BS 5351
Face to face dimensions – ANSI B16.10
Fire tested to A PI 607

Cryogenic ball valves – split body:

Pressure rating - 150 lbs to 900 lbs
Size range – ½" to 24" (DN 15 to 600 mm)
Design to A PI 6D and BS 5351
Face to face dimensions – ANSI B16.10
Fire tested to A PI 607

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**OPERATIONAL
LIMITATIONS**

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 Gas carriers, refrigerated cargo ships or cold/ chill stores also requires to be:
 - 2.1 Installed to the satisfaction of LR Surveyors and in accordance with the relevant Rules and Codes.
 - 2.2 Welding and welding procedures used for joining butt welded valves to fittings or lengths of pipe are to be demonstrated to the satisfaction of the attending Surveyor prior to the commencement of work.

"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. 02/00026(E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate

All other details remain as the previous Certificate No. 02/ 00026(E3) to which this extension should be attached.

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