Certificate No: LR2502374TA
Issue Date: 08/01/2025
Expiry Date: 07/01/2030

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Bac Valves S A**
Address	C/ Tapis, 126, Figueres-Gerona, 17600, Spain
Place of Production	Bac Valves S A C/ Tapis, 126, Figueres-Gerona, 17600, Spain
Place of Production	BAC VALVES (DALIAN) Co., Ltd 1F, No. 30-2 Huaihe West Road, Dalian Development Area, Dalian, Liaoning, 116600, China
Type	Cryogenic Ball Valves
Description	Trunion Mounted Ball Valve
Trade Name	ATP
Application	Cryogenic service including bi-directional flow in marine, offshore and industrial services.
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2024 API 6D / API 6FA
Ratings	Class: 150 Sizes: NPS 2.½" x 2" and 6" x 4"

Downloaded Copy

Torsten Schroeder

Engineering - Piping/ Decarbonisation -
Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR2502374TA
Issue Date: 08/01/2025
Expiry Date: 07/01/2030

Type Approval Certificate

Temperaturerange : -196 to+ 200°C

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 Design Appraisal Document TSO/24-012716 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.