Certificate No: LR25226125TA
Issue Date: 27/08/2025
Expiry Date: 26/08/2030

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	Ball Valves
Description	Trunnion Mounted Top Entry Ball Valve, bi-directional, lip seal and graphite
Trade Name	TEV-C
Application	marine, offshore and industrial
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2025 API 6D/ API 6FA
Ratings	Class 150 : Full bore, C-shape: NPS 1 ½", Reduced bore, C-shape: NPS 2 ½"x 2", 3"x 2", 4"x 3" and 10"x 8"

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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

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Temperature range : -196 to + 200°C

Additional Tests	Cryogenic tests conducted for TEV-C, sizes 1 ½", 2 ½x 2", 3 x 2", Class 150 / Class 300
Other Conditions	Cryogenic tested are be provided for remaining sizes, where required by the Rules.

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/24-012717 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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