Certificate No: LR23271917TA
Issue Date: 30/08/2023
Expiry Date: 29/08/2028

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	**Victaulic**
Address	4901 Kessersville Road, Easton, Pennsylvania, 18040, United States
Place of Production	Victaulic POLSKA SP z o.o. ul. Niepodleglosci 8, Drezdenko, 66-530, Poland
Place of Production	Victaulic Company Alburtis Facility, 8023 Quarry Road, Alburtis, Pennsylvania, 18011, United States
Place of Production	Dalian Bingshan Metal Technology Co. Ltd. No. 9 Northeast 7th Street,, Dalian Economy & Technology Developing Zone, Dalian, 116600, China
Type	Metal Pipes
Description	Grooved Pipe fittings. with Grade E EPDM & Grade T (Type A) Nitrile gaskets(Fire resistant type gaskets as per IACS UR P2.11) & Nitrile gaskets (non-fire tested type) TYPE Nos. 10, 11, 12, 13, 20, 25, 50 and 60
Trade Name	Nos. 10, 11, 12, 13, 20, 25, 50 and 60
Application	Marine and Offshore piping system as per Part 5 , chapter 12 section 2.12 other

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Gopal Nair

Piping & Pressure System Principal Specialist
to Lloyd's Register North America, Inc.
A member of the Lloyd's Register group

1330 Enclave Parkway, Houston, Texas, 77077,
United States

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Type Approval Certificate

mechanical couplings.

Specified Standard

Rules and Regulations for Classification of Ships - 2021
Rules and Regulations for Classification of Offshore Units -2022
IACS UR P 2.11 Rev 5 Jan 2021

Ratings

See the Appendix to this certificate LR23271917TA

Other Conditions

a) For application to specific systems refer to Rules and Regulations for the Classification of Ships Part 5, Chapter 12 section 2.12 and table 12.2.7.- where thirty minutes wet fire testing is required or where no fire testing is specified.

b) The EDPM and Nitrile T (type A) gaskets have passed the thirty minute wet fire tests in accordance with IACS UR P.2.11. Nitrile gaskets are non-fire tested type.

c) The above fittings are to be installed in accordance with manufacturer's instructions to the satisfaction of the attending Surveyor.

d) Material –Ductile Iron ASTM A 536 Grade 65-45-12.

e) All fittings on the class I systems are to be grooved type

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 North America, Inc. of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 99/60179(E4)

The Design Appraisal Document PRJ11100411120- Q/ADSO/23-0130- 99/60179 (E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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