



Type Approval Certificate Extension

This is to certify that Certificate No. 99/60181 (E4) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

Victaulic Company

PLACE OF PRODUCTION

4901 Kesslersville Road
Easton
Pennsylvania, 18040-6714
United States of America

Alternate Place of Production

Victaulic Company
Alburtis Facility
8023 Quarry Road
Alburtis, PA 18011 USA

Victaulic Company
Victaulic Company Polska Sp. Z.o.o.
66-530 Drezdenko, Poland
Woj. Lubuskie
Ul. Niepodleglosci 8
Poland

Dalian Bingshan Metal Technology Co. Ltd.
No. 9 Northeast 7th Street
Dalian Economy & Technology Developing Zone
Dalian 116600 China

DESCRIPTION

Flange Adapters with Grade 'E' EPDM, Nitrile and Grade T (Type A) Nitrile gaskets.(Note - Grade E and Grade T (Type A) are Fire resistant type gaskets as per IACS UR P 2.11)

TYPE

741

Certificate No.

99/60181(E5)

Issue Date

17 Oct 2018

Expiry Date

29 Aug 2023

Sheet

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Gopal Nair



Lloyd's Register Quality Assurance, Inc
1330 Enclave Parkway Houston, Texas 77077



Applications

Fire main , Water spray and Deck wash lines³
Sea water cooling (inboard of ship side valves)¹
Fresh Water cooling system¹
Bilge systems (except inside tanks)¹
Ballast systems (in accessible positions i.e. not inside tanks or duct keels)¹
Flammable Fluids (Flash Point >60° C) as per Part 5, Chapter 12 Section 2 -
Table 12.2.7^{2,3,5}
Sanitary/domestic supply (non-essential system)
Service air (Non-Essential)
Heating and air-conditioning (not refrigerants)
Deck Drains (internal)⁴

- 1) Inside machinery space of Category A – approved fire resistant gasket to be used. Mechanical couplings fitted on the 'bilge main' in machinery spaces of category A are to be of steel or equivalent material.
- 2) Not inside machinery spaces of Category A or accommodation spaces. May be accepted in other machinery spaces provided the joints are located in easily visible and accessible positions.
- 3) Mechanical joints that include any components which readily deteriorate in case of fire fitted on other systems are to be of an approved fire-resistant type except when fitted on open decks having little or no fire risk as defined in SOLAS II-2/Reg. 9.2.3.3.2.2(10).
- 4) Above Free board deck only
- 5) In pump rooms and open decks – only approved fire resistant types.

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6)

Ratings

Style	Size Ranges (mm)	Sizes Inches	Maximum Working Pressure (bar)	Maximum Working Pressure Psi
741	50-300	2-12	16	232

SPECIFIED STANDARD

Regulations for the Classification of Ships.
Rules and Regulations for Classification of Offshore Units.

Limitations

- a) The above flanges are to be installed in accordance with manufacturer’s instructions to the satisfaction of the attending Surveyor
- b) Material – Ductile Iron ASTM A 536 Grade 65-45-12.

“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 of any modification or changes to the equipment in order to obtain a valid certificate.”

The Design Appraisal Document No. 99/60181(E5) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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