Certificate No: LR26197625SFTC
Issue Date: 01/07/2026
Expiry Date: 30/06/2031

Certificate Of Fire Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	**Blücher Metal A/S**
Address	Pugdalvej 1, Vildbjerg, 7480, Denmark
Type	Pipe Penetration (Standard Fire Test)
Description	A-Class BLÜCHER Drain Penetration system consists of a lower section with or without an upper section. The Lower sections equiped with outlet from Ø50 to Ø110 (connected to steel pipe) and with a welding flange/sleeve (with max. outer diameter of Ø200/ Ø150 mm) for welding into ship construction.
Trade Name	BLÜCHER Class A Drain Penetrations
Specified Standard	IMO Res. MSC.307(88)-(2010 FTP Code) Annex 1 Part 3

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register Marine Polska sp. z o. o. of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form part of this Certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

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Marta Walk

Fire & Safety - Senior Specialist to Lloyd's Register Marine Polska sp. z o. o.
A member of the Lloyd's Register group

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