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Certificate No: LR22428149TA Issue Date: 29/03/2022 Expiry Date: 28/03/2027

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 Georg Fischer JRG AG

Address Hauptstrasse 130, Sissach, 4450, Switzerland

Type Plastic Pipes

Description Plastic pipes (Multilayer) with plastic and metal fittings and valves

Pipes: PE-X/AL/PE-X

Fittings d16 - d63: PPSU/PA-GF

Adapter d16 - d63: Gunmetal acc. to DIN EN 1982

Valve Bodies:

Gunmetal, CuSn5Zn5Pb2C (CC499K),

PVC-C type 546 ball valve with JRG Sanipex MT ends

Trade Name JRG SANIPEX MT

Application Non-essential hot water, cold water and service air piping systems on board

ships, where fire endurance is not a requirement, according to the Rules, Part

5, Chapter 12, Table 12.5.3.

Specified Standard Lloyd's Register Rules and Regulations for the Classification of Ships, July

2022.

Flame spread test according to ASTM D635 External pressure test acc. ASTM D 2924

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