



## 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.

<b>Manufacturer</b>	<b>Aquatechnik Group SpA</b>
<b>Address</b>	via P.F. Calvi 40, Magnago, 20020, Italy
<b>Type</b>	Plastic Pipes
<b>Description</b>	Polypropylene PP-R system for sanitary and heating systems
<b>Trade Name</b>	FUSIO-TECHNIK (PP-R pipes and fittings) Faser FIBER-T/FIBER-COND
<b>Application</b>	For use in essential and non-essential piping systems for water and sea water sanitary and heating piping system, where fire endurance testing is not a requirement.
<b>Specified Standard</b>	Lloyd's Register's Rules & Regulations for the Classification of Ships, Part 5, Chapter 12; EN ISO 15874:2003 - plastic piping systems for hot and cold water systems
<b>Ratings</b>	Nominal diameter (DN): 20 to 400 mm (Faser FIBER-T / FIBER-COND) Pressure rating (bar): 10 Flame spread test in accordance with ASTM D635
<b>Other Conditions</b>	When installed on ships Classed by Lloyd's Register, the pipes are to be installed in accordance with the manufacturer's instructions and recommendations, and Lloyd's Register's Rules and Regulations for the Classification of Ships and the system tested on completion to the

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attending Surveyors satisfaction.  
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.

**Previous Version:** LR22440345TA

The Design Appraisal Document LR22440345DA-02 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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