

## 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>Place of Production</b>	Aquatechnik Group SpA via P.F. Calvi 40, Magnago (MI), 20020, Italy
<b>Type</b>	Plastic Pipes
<b>Description</b>	Plastic piping & fittings for sanitary, heating and underfloor heating systems
<b>Application</b>	Non-essential class III systems including: sanitary heating and cooling (including underfloor) drinking water swimming pool and whirlpool filling water hot and cold fresh water
<b>Specified Standard</b>	Rules & Regulations for the Classification of Ships, Part 5, Chapter 12. BS EN ISO 21003 ASTM D635
<b>Ratings</b>	DN 16 to 32mm, NP 16 bar DN 40 to 75mm, NP 13 bar

71 Fenchurch Street, London, EC3M 4BS, UK



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### Other Conditions

1. When installed onships classed by Lloyd's Register, the pipes are to be installed in accordance with the manufacturer's instructions and recommendations, and LR's Rules and Regulations for the Classification of Ships, and the system is to be tested on completion to the attending Surveyor's satisfaction.
2. The Tubes and fittings are to be permanently marked by the manufacturer with the following details:
  - Manufacturer's name or trademark.
  - Designation type reference.
  - Nominal diameter.
  - Pressure rating.
  - Temperature range.

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.

The Design Appraisal Document No. LR1900846TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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