



Aquatherm Training

As part of the **aquatherm**'s service, we offer free of charge training. Training sessions can even be given on site. **Aquatherm** also provides presentations at the consultant's and end user's offices as well as training sessions at occupational schools.

During this training, our Technicians instruct our installers on how to make a proper welded joint, whether it is socket fusion, weld-in saddles, butt welding or electrofusion welding.

Aquatherm has a large range of (welding) tools, to make the installation of the **aquatherm** PP-R pipe systems easy. Only the original **aquatherm** welding devices and tools should be used. Depending on the required pipe sizes, the relevant welding machines will be demonstrated during the training.

The subject of pipe clamping, i.e. using only **aquatherm** green rubber lined pipe clips, along with the important issues of support intervals, linear expansion, the use of expansion loops and bending sites will also be covered in these training sessions.

All pipes should be fastened with only **aquatherm**'s green rubber compound fasteners, with expansion spacers or other as deemed equal or approved by **aquatherm** and/or the project's Hydraulic Consultant.

Also the pressure test procedure will be discussed. This procedure has to be faithfully adhered to.

During the training, the application may also be discussed.

For hot water applications **aquatherm** gives the following cautionary note:

CAUTIONARY NOTE (HOT POTABLE WATER APPLICATIONS)

1. Constant hot potable water temperatures should not exceed 70°C.
2. Care should be exercised in mixed PP-R/Copper hot potable water recirculation systems where temperatures may exceed 70°C (permissible working pressures see page 14 of **aquatherm** pipe systems brochure Edition 01/2011) and where copper pipe velocities may exceed established international copper design practice – enquirers should refer to the projects Hydraulic Consultant.

Upstream use of copper pipe in PP-R hot water recirculation systems where the above operational parameters are exceeded should be avoided.

Please set the safety pressure valves at 850 kPa.

3. The service life of **aquatherm** PP-R pipe systems could be reduced by using excessive concentration of disinfecting products.

aquatherm Australia Pty Ltd

www.aquatherm.com.au

aquatherm@aquatherm.com.au

T: 02 9774 1172



aquatherm



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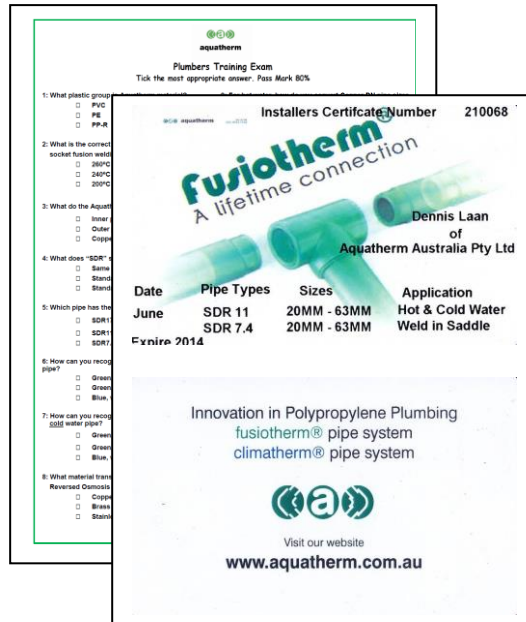
Ecological pipe systems: just say yes to a better world!



state of the pipe



After the trainees have followed their training, they will be given an **Aquatherm Installers Certificate**, providing the trainees have passed the training exam (Training exam Pass mark is 80%).



The **Aquatherm Installers Certificate** state the name of the trainee, certificate number, type(s) of pipe and pipe sizes he/she has been trained for and the expiry date.

This **Aquatherm Installers Certificate** can be provided to the consultant or builder as confirmation the installer has been trained, by Aquatherm Australia Pty Ltd, for the required application.

The **Aquatherm Installers Certificate** is valid for the next **2 years**.

After these 2 years the trainee has to redo the training to refresh/update his skills.

Aquatherm can only provide warranty (material only) on the installed **aquatherm** PP-R system if the plumbers/contractors have been certified as been trained by **aquatherm**.



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