

APPENDIX 3 - REQUIREMENTS FOR AQUATIC WATER HEATING SYSTEMS

All water heating appliances and their installation including electric, gas, heat exchange, heat pump and geothermal types must comply with the relevant standards.

Water heating appliances are to incorporate thermostatic controls to ensure users can not be exposed to water above 38o C and they shall be of the type which can not be adjusted without use of tools.

Water heating installations must not allow unfiltered top-up water to bypass the filtration system before it enters the waterbody.

For gas heating systems, the whole of the gas installation is to comply with the Gas Standards (Gasfitting and Consumer Gas Installations) Regulations 1999. At the completion of the gasfitting work the registered gas fitter is to submit a Notice of Completion to the gas supplier and to the person for whom the gasfitting work was done.

Solar water heating installations shall incorporate a drainage system and back-flow prevention valves or other arrangement so when solar heating is not in use stagnant water may be drained from the heating system without contaminating the water body.

WARNING: The first flush of solar water heaters may exceed 38° C and therefore has potential to scald water users.

[Appendix 3 amended 16 May 2011]