

Rulings

Rulings to plumbing and piping systems Standards

Ruling 36: Heated water temperature control (Legionella) (Ruling to AS/NZS 3500.4:2003)

Clause 1.9.1, Storage temperature

Enquiry:

Do water heaters need to continuously store water at temperatures above 60°C (see Clause 1.9.1, Storage temperature)?

Answer:

Clause 1.9.1 was included to avoid the likelihood of the growth of Legionella bacteria. The means of doing this is specified in AS 3498. It is intended that the revision to Clause 1.9.1 and Clause 11.4(c)(ii) be published in Amendment 2 of AS/NZS 3500.4 In order to advance this solution prior to the publication of Amendment 2, WS-014 has ruled the provisions of Clause 1.9.1 and Clause 11.4(c)(ii) be replaced with the following.

Ruling:

Clause 1.9.1, Heated water storage (Legionella)

Heated water shall be stored and delivered under conditions that avoid the likelihood of the growth of Legionella bacteria by installing—

- (a) a water heater authorized to AS 3498; or
- (b) storing heated water at a temperature not less than 60°C in a hot water storage tank authorized to AS 3498.

Clause 11.4(c)(ii)

Stored water temperature, for hot-water storage tanks installed in accordance with Clause 1.9.1(b).