

LOW PRESSURE COPPER THERMAL STORAGE  
ELECTRIC WATER HEATERS

Pr Gratis

## AMENDMENT No. 1

March 1990

**EXPLANATORY NOTE - The Standard is amended to take account of recent experience with the use of adjustable thermostats to NZS 6214, and with heat loss testing of water heaters to the lower standing heat loss requirements.**

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## DECLARATION

Amendment No. 1 was declared on 30 March 1990 by the Standards Council to be an amendment to NZS 4602:1988 pursuant to the provisions of section 10 of the Standards Act 1988.

----- (Amendment No. 1, March 1990)

## RELATED DOCUMENTS

**Delete** the entries for NZS 4606, NZS 4607 and NZS 6300 and **substitute**:

NZS 4606:1989	Storage water heaters
NZS 4607:1989	Installation of thermal storage electric water heaters: Valve vented systems
NZS 6300:1989	Approval and test specification - general requirements for household and similar electrical appliances

----- (Amendment No. 1, March 1990)

## 10

## PROVISION FOR HEATING ELEMENTS, THERMOSTATS AND THERMAL CUTOUTS

## 10.3

In the last line **delete** "20 ±1.5 mm" and **substitute** "19 ±1.5 mm".

## 10.8

**Add** new clause as follows:

"Provision for the mounting of thermostats and thermal cutouts shall not be made on the cover of the electrical terminal chamber.

NOTE - Resettable thermal cutouts should be positioned to permit resetting as part of servicing but so as to preclude as far as practicable their misuse, e.g. as a secondary control mechanism in the event of thermostat failure".

----- (Amendment No.1, March 1990)

## APPENDIX A

## METHOD OF TEST FOR DETERMINING STANDING HEAT LOSS

## A2

**Delete** last 2 sentences and **substitute**:

"No fewer than 4 such values shall be obtained and the average of these determined. The heat content corresponding to any temperature drift shall be determined using the following formula and be added to (or deducted from) the observed total energy consumption:

Heat content (kWh) =  $1.2 \times 10^{-3} \times \text{Temperature drift } (^{\circ}\text{C}) \times \text{Heater capacity (L)}$

Where the difference between mean water and mean air temperature is not 55.6 °C the correct standing loss value shall be calculated by proportion".

----- (Amendment No.1, March 1990)

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