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AS/NZS 4692.1:2005
(Incorporating Amendment Nos 1, 2 and 3)

AS/NZS 4692.1:2005

Australian/New Zealand Standard™

Electric water heaters

A2

Part 1: Energy consumption, performance and general requirements

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The following are represented on Committee EL-020:

Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Gas Association
Australian Greenhouse Office
Australian Industry Group
Australian Stainless Steel Development Association
Business New Zealand
Certification Interests (Australia)
Department of Industry, Tourism and Resources (Commonwealth)
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Part 1: Energy consumption, performance and general requirements

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-020, Electric Water Heating Appliances, to eventually supersede AS 1056.1—1990, *Storage water heaters—General requirements*, AS 1056.2—1985, *Storage water heaters—Specific requirements for water heaters with single shells* and AS 1056.3—1991, *Storage water heaters—Specific requirements for water heaters with composite shells*, at a date to be fixed.

This Standard incorporates Amendment No. 1 (April 2011), Amendment No. 2 (October 2015) and Amendment No. 3 (January 2020). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

It is also intended that this Standard eventually supersede NZS 4602:1998, *Low Pressure Copper Thermal Storage Electric Water Heaters*, and NZS 4606, Parts 1–3, New Zealand Adaptations of AS 1056, Parts 1–3, at a date to be fixed.

This Standard is part of a series as follows:

AS/NZS		
4692	Electric water heaters	
4692.1	Part 1:	Energy consumption, performance and general requirements (this Standard)
4692.2	Part 2:	Minimum Energy Performance Standard (MEPS) requirements and labelling

The overall objective of the AS/NZS 4692 series of Standards is to promote high levels of quality, performance and energy efficiency in water heaters.

The Parts of AS/NZS 4692 are summarized as follows:

(a) *Part 1* Includes performance test procedures, minimum performance requirements and a range of other requirements for water heaters. It also includes the revised test method for the determination of standing heat loss for electric storage water heaters, and the method for the determination of hot water delivery and mixed hot water delivery.

(b) *Part 2* Includes Minimum Energy Performance Standards (MEPS) for electric storage water heaters and electric heat exchanger water heaters. It includes details of the Top Energy Saver Award label for electric storage water heaters. Its structure is suitable for reference in regulatory legislation and it is to be used in conjunction with Part 1.

A2 This Standard also covers requirements for heat exchange water heaters that were previously covered by AS 1361. If the government introduces MEPS levels for chilled and boiling water dispensers, test methods will be developed as a separate part to this Standard.

For regulatory purposes under AS/NZS 4692.2, heat loss tests to either this Standard or AS 1056.1, Amendment 5 or AS 1361, Amendment 1 (as applicable), will be equally valid until a date to be advised, after which only tests to this Standard will be accepted.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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