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**Australian Standard®**

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**National Plumbing and Drainage  
Code**

**Part 1: Water supply**

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The following interests are represented on Committee WS/14:

Association of Hydraulic Services Consultants Australia  
AUSTAP  
Australian Clay Pipe Manufacturers Association  
Australian Local Government Engineers Association  
Brisbane City Council  
Department of Lands and Housing, N.T.  
Engineering and Water Supply Department, S.A.  
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## STANDARDS AUSTRALIA

### Amendment No. 1 to AS 3500.1—1992 National Plumbing and Drainage Code Part 1: Water supply

#### REVISED TEXT

The 1992 edition of AS 3500.1 is amended as follows; the amendment(s) should be inserted in the appropriate place.

**SUMMARY:** This Amendment applies to Clause 5.2 and Clause 5.3.1.

Published on 5 March 1995.

AMDT  
No. 1  
MAR.  
1995

#### Page 27 Clause 5.2

*Delete existing Clause and substitute:*

**5.2 ELECTRICAL SAFETY PRECAUTIONS EARTHING** Before any existing metallic water service pipe, which forms part of an earth electrode for an electrical installation, is cut or uncoupled, the following precautions shall be taken to reduce the risk of electrical shock:

- (a) The main switch or switches on the premises shall be switched off and a tag reading 'DANGER DO NOT CLOSE' attached over the switch.
- (b) A bridging conductor, fitted with suitable clamps and having a current rating of not less than 70 A, shall be connected across the intended gap.
- (c) The pipe shall be cleaned to bare metal where the clamps are to be connected.
- (d) The electrical bridge shall not be broken or removed until all work on the water service is completed and continuity of the metallic service pipe is restored.
- (e) Where any existing metallic service pipe is to be replaced in part or in its entirety by plastic pipe or other non-metallic fittings or couplings, the work shall not commence until the earthing requirements have been checked by an electrical contractor and modified, if necessary.



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1995

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**Page 27 Clause 5.3.1**

*Delete existing Clause and substitute:*

**5.3.1 Electrical cables and gaspipes**

**5.3.1.1 Water services** Above- and below-ground water services shall be installed so that—

- (a) no potential safety hazard is created when in close proximity to other services; and
- (b) access for maintenance and potential branch insertions is not impaired by the other services.

**5.3.1.2 Crossover** Any below-ground crossover of a water service shall—

- (a) cross at an angle of not less than 45°;
- (b) have a vertical separation of not less than 100 mm.
- (c) be suitably marked with bricks or warning tape.

**NOTES:**

- 1 The proximity to other services will vary, depending on the type and size of the services affected.
  - 2 For shared trenching, an Australian Standard is in course of preparation.
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# STANDARDS AUSTRALIA

## Amendment No. 2 to AS 3500.1—1992 National Plumbing and Drainage Code Part 1: Water supply

### REVISED TEXT

The 1992 edition of AS 3500.1 is amended as follows; the amendments should be inserted in the appropriate place.

**SUMMARY:** This Amendment applies to Table 4.2, Table 4.3, Figure 4.4 and Figure 7.6.

Published on 5 May 1996.

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No. 2  
MAY  
1996

#### Page 19 Table 4.2

In first column under 'HOSE ATTACHMENT OUTLETS' *add* new Item (c).

- |   |     |                     |
|---|-----|---------------------|
| (c) Hose taps located within 18 m of<br>a Type C system | Low | Non-testable device |
|---|-----|---------------------|

Existing Item (c) becomes (d).

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#### Page 20 Table 4.3

In first column *delete* 'FIRE HYDRANT OR FIRE SPRINKLER SERVICES' and *substitute* 'FIRE SERVICES' and *add* new Item (b).

- |  |        |     |
|--|--------|-----|
| (b) Fire hose reels, where there is a<br>potential to be used for purposes<br>other than fire fighting | Medium | DCV |
|--|--------|-----|

Existing Item (b) becomes (c) and existing Item (c) becomes (d).

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1996

#### Page 24 Figure 4.4

*Delete* '150 mm' and *substitute* '300 mm'.

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#### Page 41 Figure 7.6

*Delete* 'Double-check valve', and *substitute* 'RPZD'.



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