AS 4775—2007

Australian Standard®

Emergency eyewash and shower equipment

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This Australian Standard® was prepared by Committee SF-048, Emergency Eyewash and Shower Equipment. It was approved on behalf of the Council of Standards Australia on 10 September 2007.
This Standard was published on 26 October 2007.

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- AUSTAP
- Australian Chamber of Commerce and Industry
- Australian Council of Trade Unions
- Australian Industry Group
- Australian Institute of Occupational Hygienists
- CSIRO
- Institute of Plumbing Australia
- University of Western Australia
- WorkCover New South Wales

This Standard was issued in draft form for comment as DR 06357.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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First published as AS 4775—2007.

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Published by Standards Australia, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 8410 0

PREFACE

This Standard was prepared by Standards Australia Committee SF-048, Emergency Eyewash and Shower Equipment. The Standard was prepared in response to requests from manufacturers and suppliers of these products, as well as industry in general.

This Standard is based on but not equivalent to ANSI Z358.1—2004, *Emergency eyewash and shower equipment*. Apart from terminology and layout differences, changes were made to address the specific needs of Australian applications, and integrate with other Australian Standards. The main differences are as follows:

(a) Inclusion of guidance on dimensional constraints for disabled access.

(b) Inclusion of guidance on local materials for plumbing components.

(c) Inclusion of guidance on good design and manufacture.

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. An ‘informative’ appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Emergency eyewash and shower equipment

1 SCOPE

This Standard specifies minimum performance and use requirements for eyewash and shower equipment for the emergency treatment of the eyes or body of a person who has been exposed to materials which may cause injuries. It covers the following types of equipment:

(a) Emergency shower equipment.

(b) Eyewash equipment.

(c) Eye/face wash equipment.

(d) Combination shower and eyewash or eye/face wash equipment.

(e) Facilities for disabled persons.

It also includes performance and use requirements for the following supplemental equipment:

(i) Drench hoses.

(ii) Self-contained (portable) equipment.

Large-scale multispray shower equipment, of the type used in major emergency response or military applications, are outside the scope of this Standard.

Where eyewash units are included in combination with such equipment, these eyewash units are within the scope of this Standard.

2 OBJECTIVE

The objective of this Standard is to provide uniform minimum requirements for equipment performance, installation, use, maintenance and training of users, along with relevant test procedures.

3 REFERENCED DOCUMENTS

The documents referred to in this Standard are listed in Appendix A.

4 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

4.1 Combination unit

An interconnected assembly of emergency equipment supplied by a single source of flushing fluid.

4.2 Corrosion-resistant

Resisting corrosion under normal installation conditions, and in the presence of the flushing fluid, over a prolonged period of service.