



NSAI
Standards

Irish Standard
I.S. EN 15154-4:2009

Emergency safety showers - Part 4: Non plumbed-in eyewash units

I.S. EN 15154-4:2009

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i>	<i>This document is based on:</i> EN 15154-4:2009	<i>Published:</i> 25 March, 2009	
This document was published under the authority of the NSAI and comes into effect on: 26 May, 2009		ICS number: 71.040.10	
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie	Price Code: E
Údarás um Chaighdeáin Náisiúnta na hÉireann			

ICS 71.040.10

English Version

Emergency safety showers - Part 4: Non plumbed-in eyewash units

Douches de sécurité - Partie 4: Unités de lavage d'yeux
non raccordées au réseau d'eau

Sicherheitsnotduschen - Teil 4: Augenduschen ohne
Wasseranschluss

This European Standard was approved by CEN on 21 February 2009.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents		Page
Foreword.....		3
Introduction		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		5
4 Performance requirements		6
4.1 Efficacy		6
4.2 Quality of rinsing fluid		6
4.3 Flow		6
4.4 Container for rinsing fluid		7
5 Functional Requirements		7
5.1 General		7
5.2 Single use eyewash units		7
5.3 Multiple use eyewash units		7
5.4 Reconditionable eyewash units		8
6 Information for use		8
6.1 Labelling and marking		8
6.2 Further information and instructions for use to be supplied		8
Bibliography		10

Foreword

This document (EN 15154-4:2009) has been prepared by Technical Committee CEN/TC 332 "Laboratory equipment", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

EN 15154 consists of the following parts, under the general title *Emergency safety showers*

- Part 1: Plumbed-in body showers for laboratories
- Part 2: Plumbed-in eye wash units
- Part 3: Non plumbed-in body showers
- Part 4: Non plumbed-in eyewash units
- Part 5: Plumbed-in body showers for production facilities (in planning)

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

The first seconds after an accident in which the eyes have been exposed to harmful substances are critical to keep the eye injury to a minimum. Non plumbed-in emergency safety eyewash units are designed and intended to be kept in the immediate proximity of persons working in a potentially hazardous area. The main purpose of these devices is to supply immediate primary flushing.

Non plumbed-in emergency safety eyewash units can also allow continued flushing on the way to medical care.

1 Scope

This European Standard is a product specification, giving minimum performance requirements for non plumbed-in emergency safety eyewash units.

It is applicable to non plumbed-in emergency safety eyewash units filled with a rinsing fluid by the manufacturer for first aid use when the eyes have been exposed to harmful substances.

Requirements are also given concerning labelling, marking and information to be supplied by the manufacturer.

Throughout this standard, the term "non plumbed-in emergency safety eyewash unit" is referred to as "eyewash unit".

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 556-1, *Sterilization of medical devices – Requirements for medical devices to be designated "STERILE" – Part 1: Requirements for terminally sterilized medical devices*

EN 556-2, *Sterilization of medical devices – Requirements for medical devices to be designated "STERILE" – Part 2: Requirements for aseptically processed medical devices*

EN 980, *Symbols for use in the labelling of medical devices*

EN 1041, *Information supplied by the manufacturer of medical devices*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

non plumbed-in eyewash unit

self contained device specially designed and intended to deliver a flushing fluid to irrigate and flush the eye(s) when exposed to harmful substances

3.2

transportable eyewash unit

non plumbed-in eyewash unit that is a movable device

3.3

portable eyewash unit

non plumbed-in eyewash unit that is designed to be carried by a single person unaided and kept or mounted in immediate proximity of the user to supply immediate flushing

3.4

personal eyewash unit

non plumbed-in eyewash unit that is designed to be carried by and on the user, in a pocket or a holster

3.5

single use eyewash unit

non plumbed-in eyewash unit designed to deliver a single application of rinsing fluid

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-