



NSAI
Standards

SWiFT 8:2011

Specific requirements for electrical apparatus for the detection of Carbon Monoxide (CO) in domestic premises

SWiFT 8:2011

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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Foreword

This SWiFT Specification was developed and approved by an NSAI workshop. It reflects the consensus of the representatives of the organisations listed below to whom NSAI is indebted for their contribution.

- Bord Gáis Networks
- Bord Gáis Energy
- Irish LPG Association
- Calor Gas
- Flogas
- Register of Gas Installers of Ireland (RGII)
- Midland Energy Training & Assessment Centre (METAC)
- Ei Electronics Ltd.
- Honeywell Analytics Ltd.
- GL Industries Services UK Ltd.
- Department of Communications, Energy and Natural Resources
- Department of the Environment, Community and Local Government
- Commission for Energy Regulation (CER)

SWiFT 8 is a Specification Written in Fast Track (SWiFT).

SWiFT 8 does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this SWiFT does not of itself confer immunity from legal obligations.

SWiFT 8 deals with carbon monoxide (CO) detectors that incorporate an end-of-life indicator.

EN 50291:2001 and EN 50291-1:2010 are European Standards for CO detectors that do not require an end-of-life indicator.

SWiFT 8 will be withdrawn when a European Standard for CO detectors requiring end-of-life detectors is published.

Introduction

This SWiFT specifies additional non-conflicting requirements for CO detectors that are not yet required in European Standards EN 50291:2001 and EN 50291-1:2010.

This SWiFT specifies additional non-conflicting requirements for CO detectors that are currently optional requirements in European Standards EN 50291:2001 and EN 50291-1:2010.

This SWiFT specifies third party certification for CO detectors to EN 50291 or EN 50291-1.

This SWiFT compliments European Standards EN 50291:2001 and EN 50291-1:2010 and should be regarded as an additional requirement for CO detectors equipped with end-of-life indicators.

SWiFT 8:2011

Specific requirements for electrical apparatus for the detection of Carbon Monoxide (CO) in domestic premises

1 Scope

This SWiFT specifies requirements for CO detectors that incorporate an end-of-life indicator.

It should be read in conjunction with European Standard EN 50291:2001 and/or EN 50291-1:2010, which contain no requirements for end-of-life indicators.

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 50291:2001, *Electrical apparatus for the detection of carbon monoxide in domestic premises*

EN 50291-1:2010, *Electrical apparatus for the detection of carbon monoxide in domestic premises — Part 1: Test methods and performance*

3 Terms and definitions

For the purposes of this SWiFT, the definitions in EN 50291 and EN 50291-1 apply and the following terms and definitions apply.

3.1 end-of-life

status of the CO detector when it reaches the end of its design life

3.2 certification body

third-party conformity assessment body accredited by a member of the European Accreditation Forum (EAF) to EN 50291 or EN 50291-1

3.3 certification mark

symbol which is used under license by a certification body which confirms that the product conforms with the applicable standard

4 Specific requirements

4.1 General

4.1.1 The CO detector shall comply with the requirements of EN 50291 or EN 50291-1.

4.1.2 The CO detector shall be fitted with an end-of-life visual and audible indicator.

4.1.3 The manufacturer shall declare that:

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