



BSI Standards Publication

Fixed firefighting systems - Automatic sprinkler systems - Design, installation and maintenance

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National foreword

This British Standard is the UK implementation of EN 12845:2015+A1:2019, incorporating corrigendum January 2016. It supersedes BS EN 12845:2015, which is withdrawn.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by CEN corrigendum January 2016 is indicated in the text by $\boxed{AC_1}$ $\langle AC_1 \rangle$.

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The UK participation in its preparation was entrusted to Technical Committee FSH/18/2, Sprinkler Systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

The revision of EN 12845 took some time in development and, as a result, the UK committee feels it may not reflect current sprinkler technology and practice. National Annex NA identifies some areas of concern and also provides guidance and material related to UK practice.

A sprinkler system designed, installed and maintained in accordance with this standard is capable of providing protection of property and for the safety of people, including firefighters, should a fire occur in sprinklerprotected premises.

It should be noted that this standard no longer uses the term 'life safety'. For the avoidance of doubt and to clarify issues that have frequently arisen, when sprinkler systems are called for to satisfy national regulations, including any references to 'life safety', such requirements are now found in Annex F: Additional measures to improve system reliability and availability.

It is anticipated that this annex will make it clear that additional equipment and facilities are usually only necessary to enhance system response or prevent the periodic closure of protected occupancies when a sprinkler system is impaired.

Attention is drawn to the *LPC Rules for Automatic Sprinkler Installations*, which incorporate the provisions of BS EN 12845.

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

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EUROPÄISCHE NORM

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English Version

Fixed firefighting systems - Automatic sprinkler systems - Design, installation and maintenance

Installations fixes de lutte contre l'incendie - Systèmes
d'extinction automatique du type sprinkleur -
Conception, installation et maintenance

Ortsfeste Brandbekämpfungsanlagen - Automatische
Sprinkleranlagen - Planung, Installation und
Instandhaltung

This European Standard was approved by CEN on 20 December 2014 and includes Amendment 1 approved by CEN on 2 October 2019.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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