



BSI Standards Publication

Fire detection and fire alarm systems

Part 32: Planning, design, installation, commissioning, use and maintenance of voice alarm systems

National foreword

This Published Document is the UK implementation of CEN/TS 54-32:2015.

Voice alarm systems are installed in many large buildings in Europe where large numbers of people who may not be trained to evacuate (normally members of the public) are present. These buildings include sports arenas, stadiums, galleries, theatres, cinemas and other places of entertainment. They also include transport hubs such as railway stations, airports and ports.

Most European countries do not have specific guidance on the planning, design, installation, commissioning, use and maintenance of voice alarm systems. CEN/TS 54-32 has been written to provide guidance for these countries whilst avoiding conflict with existing national installation guidance documents such as BS 5839-8:2013 and BS 7827:2011 in the UK.

CEN/TS 54-32 will be useful in the UK to give guidance when variations from the recommendations of BS 5839-8:2013 (see Clause 7) and the recommendations of BS 7827:2011 (see Clause 18) are needed because it contains up-to-date information, especially on measuring intelligibility, on the use of auxiliary mains power supplies such as UPS and generators, and on transmission paths and networking.

The UK participation in its preparation was entrusted by Technical Committee FSH/12, Fire detection and alarm systems, to Subcommittee FSH/12/5, Alarm devices, voice alarm evacuation sub-systems and emergency voice communications.

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

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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