



BSI Standards Publication

Fixed firefighting systems — Water mist systems

Part 1: Design, installation, inspection and maintenance

National foreword

This British Standard is the UK implementation of EN 14972-1:2020+A1:2025. It supersedes BS EN 14972-1:2020, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee FSH/18/5, Watermist systems.

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

The UK committee initially voted against the approval of the original version of EN 14972-1:2020, citing several critical concerns regarding its content and applicability. However, the UK committee believes that the amendment to the standard has addressed some of the previously identified issues, offering enhanced clarity and incorporating additional details regarding fire test protocols and associated design considerations.

Users of this standard are advised to exercise due diligence when reviewing any DIOM manual submitted as part of a system design validation process. The system's specific requirements ought to be fully understood and adhered to for effective performance and compliance.

For applications within the UK, the committee reminds users of the existence of the BS 8489 series, which provides guidance on water mist systems applications. At the time of writing, BS 8458, *Fixed fire protection systems — Residential and domestic watermist systems — Code of practice for design and installation*, while subject to a proposed withdrawal, is also still available.

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