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Installation and maintenance of open-flued, non-domestic gas-fired laundry appliances — Specification

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Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 30 November 2020. It was prepared by Technical Committee GSE/30, *Gas installations (1st, 2nd and 3rd family gases)*. A list of organizations represented on this committee can be obtained on request to the committee manager.

Supersession

This British Standard supersedes [BS 8446:2005](#), which is withdrawn.

Information about this document

This British Standard complements, where applicable, [BS 7624](#).

This British Standard was prepared to address industry concerns about the safety of open-flued, non-domestic gas-fired laundry installations.

Attention is drawn to the hazards that exist in certain locations where the atmosphere or drying load can contain flammable vapours.

This publication can be withdrawn, revised, partially superseded or superseded. Information regarding the status of this publication can be found in the Standards Catalogue on the BSI website at bsigroup.com/standards, or by contacting the Customer Services team.

Where websites and webpages have been cited, they are provided for ease of reference and are correct at the time of publication. The location of a webpage or website, or its contents, cannot be guaranteed.

Use of this document

It has been assumed in the preparation of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Where words have alternative spellings, the preferred spelling of the Shorter Oxford English Dictionary is used (e.g. “organization” rather than “organisation”).

Contractual and legal considerations

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

Compliance with a British Standard cannot confer immunity from legal obligations.

Particular attention is drawn to the following statutory regulations:

- the Health and Safety at Work etc. Act 1974 [1];
- the Management of Health and Safety at Work Regulations 2006 [2];

- the Dangerous Substances and Explosive Atmospheres Regulations 2002 [3];
- the Gas Safety (Installation and Use) Regulations 1998, as amended [4];
- the Gas Safety (Installation and Use) (Northern Ireland) Regulations 2004 [5];
- the Gas Safety (Management) Regulations 1996 [6];
- the Electricity at Work Regulations 1989 [7];
- the Control of Substances Hazardous to Health Regulations 2002 [8];
- the Control of Asbestos at Work Regulations 2012 [9];
- the Gas Appliances (Safety) Regulations 1995 [10];
- the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 [11];
- the Provision and Use of Work Equipment Regulations 1998 [12];
- the Confined Spaces Regulations 1997 [13];
- the Construction (Design and Management) Regulations 2015 [14];
- the Construction (Health, Safety and Welfare) Regulations 1996 [15];
- the Pressure Systems Safety Regulations 2000 [16];
- the Building Regulations 2010, as amended [17];
- the Building (Scotland) Regulations 2004 [18];
- the Building Regulations (Northern Ireland) Statutory Rules 2012 [19]; and
- the Gas Safety (Application) Order 1996 (Isle of Man) [20];

1 Scope

This British Standard specifies the installation and maintenance of open-flued, non-domestic gas-fired laundry appliances. It is applicable to both fixed and tilting tumble dryers.

NOTE For the purposes of this British Standard, installation includes design, inspection and commissioning. It is recognized that each of these tasks can be performed by the same person.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes provisions of this document.¹⁾ For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Standards publications

[BS 669-2](#), *Flexible hoses, end fittings and sockets for gas burning appliances – Part 2: Specification for corrugated metallic flexible hoses, covers, end fittings, and sockets for catering appliances burning 1st, 2nd and 3rd family gases*

[BS 4800:2011](#), *Schedule of paint colours for building purposes*

[BS 5482-1](#), *Code of practice for domestic butane- and propane-gas-burning installations – Part 1: Installations at permanent dwellings, residential park homes and commercial premises, with installation pipework sizes not exceeding DN 25 for steel and DN 28 for corrugated stainless steel or copper*

[BS 6891](#), *Specification for the installation and maintenance of low pressure gas installation pipework of up to 35 mm (R11/4) on premises*

[BS 7671](#), *Requirements for electrical installations – IET Wiring Regulations*

BS EN 161, *Automatic shut-off valves for gas burners and gas appliances*

Other publications

[N1] INSTITUTION OF GAS ENGINEERS AND MANAGERS. *Installation pipework on industrial and commercial premises*. IGEM/UP/2. Loughborough: IGEM, 2014.²⁾

[N2] LIQUID GAS UK. *Design, installation and testing of LPG piping systems*. Code of Practice 22. Ringwood: UKLPG, 2012.

[N3] INSTITUTION OF GAS ENGINEERS AND MANAGERS. *Strength testing, tightness testing and direct purging of industrial and commercial gas installations*. IGEM/UP/1. Edition 2. Loughborough: IGEM, 2005.²⁾

[N4] INSTITUTION OF GAS ENGINEERS AND MANAGERS. *Strength testing, tightness testing and direct purging of small low pressure industrial and commercial natural gas installations*. IGEM/UP/1A. Edition 2. Loughborough: IGEM, 2005.²⁾

[N5] INSTITUTION OF GAS ENGINEERS AND MANAGERS. *Tightness testing and direct purging of small liquefied petroleum gas/air, NG and LPG installations*. IGEM/UP/1B. Edition 2. Loughborough: IGEM, 2006.²⁾

¹⁾ Documents that are referred to solely in an informative manner are listed in the Bibliography.

²⁾ Published and available from the Institution of Gas Engineers and Managers, IGEM House, High Street, Kegworth, Derbyshire, DE74 2DA; www.igem.org.uk