

Gas Industry Standard

GIS/DIN 30652-1

Specification for

Excess flow valves for gas installation

Addenda to DIN 30652-1, Excess flow valves - Part 1:
Excess flow valves for gas installation



Contents

Foreword	i
Mandatory and non-mandatory requirements	i
Disclaimer	i
Brief history	i
1. Scope	2
2. Normative references	2
3. Terms and Definitions	2
4. General requirements	2
5. Conformance	2

Foreword

Gas Industry Standards (GIS) are revised, when necessary, by the issue of new editions. Users should ensure that they are in possession of the latest edition. Contractors and other users external to Gas Transporters should direct their requests for copies of a GIS to the department or group responsible for the initial issue of their contract documentation.

Comments and queries regarding the technical content of this document should be directed in the first instance to the contract department of the Gas Transporter responsible for the initial issue of their contract documentation.

This standard calls for the use of procedures that may be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

Compliance with this engineering document does not confer immunity from prosecution for breach of statutory or other legal obligations.

Mandatory and non-mandatory requirements

For the purposes of a GIS the following auxiliary verbs have the meanings indicated:

can indicates a physical possibility;

may indicates an option that is not mandatory;

shall indicates a GIS requirement;

should indicates best practice and is the preferred option. If an alternative method is used then a suitable and sufficient risk assessment needs to be completed to show that the alternative method delivers the same, or better, level of protection.

Disclaimer

This engineering document is provided for use by Gas Transporters and such of their contractors as are obliged by the terms of their contracts to comply with this engineering document. Where this engineering document is used by any other party, it is the responsibility of that party to ensure that the engineering document is correctly applied.

Brief history

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1. Scope

This Gas Industry Standard specifies requirements for excess flow valves for use with natural gas at pressures of up to and including 75 mbar and diameters of up to and including 50mm.

The requirements are based on those set out in DIN 30652-1, Excess flow valves - Part 1: Excess flow valves for gas installation.

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.

2.1 European standards

DIN 30652-1, *Excess flow valves - Part 1: Excess flow valves for gas installation*

2.2 Institution of Gas Engineers and Managers Standards

IGEM/G/5 Edition 3, *Gas in multi-occupancy buildings*

3. Terms and Definitions

For the purposes of this document, the following definitions apply.

3.1 EFV – Excess Flow Valve

4. General requirements

4.1 Excess flow valves intended for use in accordance with IGEM/G/6 Edition 3 must meet the requirements specified in DIN 30652-1.

5. Conformance

5.1 The purchaser is responsible for obtaining evidence that the EFV meets the requirements specified in DIN 30652-1.