

Gas Industry Standard

GIS/DIN 3586

Specification for

Thermal Cut Off valves for gas installation

**Addenda to DIN 3586, Thermally Activated Shutting-Off
Devices for Gas**



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Foreword

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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 Thermal Cut Off valves for use with natural gas at pressures of up to and including 75 mbar.

The requirements are based on those set out in DIN 3586, Thermally Activated Shutting-Off Devices for Gas.

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 3586, *Thermally Activated Shutting-Off Devices for Gas*

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 TCO – Thermal Cut Off valve

4. General requirements

4.1 Thermal Cut Off valves intended for use in accordance with IGEM/G/6 Edition 3 must meet the requirements specified in DIN 3586.

5. Conformance

5.1 The purchaser is responsible for obtaining evidence that the TCO meets the requirements specified in DIN 3586.