



**NSAI**  
Standards

Irish Standard  
I.S. EN 16617:2015

Pipework - Corrugated metal hose  
assemblies for combustible gas -  
Performance requirements, testing and  
marking

## I.S. EN 16617:2015

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## Pipework - Corrugated metal hose assemblies for combustible gas - Performance requirements, testing and marking

Tuyauterie - Tuyaux flexibles métalliques onduleux pour les gaz combustibles - Exigences de performances, essais et marquage

Rohrleitungen - Gewellte Metallschlauchleitungen für brennbare Gase - Leistungsanforderungen, Prüfung und Kennzeichnung

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## **EN 16617:2015 (E)**

### **Foreword**

This document (EN 16617:2015) has been prepared by Technical Committee CEN/TC 342 "Metal hoses, hose assemblies, bellows and expansion joints", the secretariat of which is held by SNV.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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## 1 Scope

This European Standard specifies general requirements for material, design, manufacture, testing, marking and documentation of corrugated metal hose assemblies for gas of diameter up to DN 300 for gases of the 2nd and 3rd families according to EN 437.

This European Standard applies to:

Corrugated metal hose assemblies for gas for the supply of combustible gas and having a maximum operating pressure (MOP) less than or equal to 16 bar.

This European Standard does not apply to:

- corrugated metal hose assemblies for gas for engines including turbines and internal combustion engines as stated by Pressure Equipment Directive 97/23/EC;
- corrugated metal hose assemblies for the connection of domestic appliances using gaseous fuels according to EN 14800;
- corrugated metal hose assemblies for gas buried in earth;
- corrugated metal hose assemblies with non-permanent detachable end fittings;
- stainless steel pliable corrugated tubing kits in buildings for gas with an operating pressure up to 0,5 bar (EN 15266).

Users of this European Standard should take into account national standards and existing code of practice in the country of destination.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 437, *Test gases — Test pressures — Appliance categories*

EN 549, *Rubber materials for seals and diaphragms for gas appliances and gas equipment*

EN 682, *Elastomeric Seals — Materials requirements for seals used in pipes and fittings carrying gas and hydrocarbon fluids*

EN 1562, *Founding — Malleable cast irons*

EN 1775:2007, *Gas supply — Gas pipework for buildings — Maximum operating pressure less than or equal to 5 bar - Functional recommendations*

EN 1779, *Non-destructive testing — Leak testing — Criteria for method and technique selection*

EN 10028-7, *Flat products made of steels for pressure purposes — Part 7: Stainless steels*

EN 10088-3, *Stainless steels — Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes*

EN 10242, *Threaded pipe fitting in malleable cast iron*

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