



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 16139:2006

ICS 23.060.30

**INDUSTRIAL VALVES - GATE VALVES OF  
THERMOPLASTICS MATERIALS (ISO  
16139:2006)**

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EUROPEAN STANDARD

**EN ISO 16139**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Industrial valves - Gate valves of thermoplastics materials (ISO 16139:2006)

Robetterie industrielle - Robinets-vannes en matériaux thermoplastiques (ISO 16139:2006)

Industriearmaturen - Schieber aus Thermoplasten (ISO 16139:2006)

This European Standard was approved by CEN on 3 March 2006.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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## **EN ISO 16139:2006 (E)**

### **Foreword**

This document (EN ISO 16139:2006) has been prepared by Technical Committee CEN/TC 69 "Industrial valves", the secretariat of which is held by AFNOR, in collaboration with Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids".

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of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## ANNEX ZA (informative)

### Relationship between this International Standard and the Essential Requirements of EU Directive 97/23 EC (PED)

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 97/23/EC (PED).

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this Standard and Directive 97/23/EC (PED)**

| Sub-clause(s) of this International Standard | Essential Requirements (ERs) of EU Directive 97/23/EC |             |
|--|---|-------------|
| 4.1; 4.3; 5.2                                | Design for adequate strength                          | 2.2.1       |
| 5.2.3  | Type test   | 2.2.2       |
| 4.8.1  | Wear  | 2.7         |
| 4.7.1  | Traceability  | 3.1.5       |
| 8.1  | Marking   | 3.3         |
| 4.8.3  | Operating instruction                                 | 3.4         |
| 4.2; 4.3                                     | Materials for pressurized parts                       | 4.1, 4.2 a) |

**WARNING:** Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.



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