



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 15339-2:2007

ICS 25.220.20

**THERMAL SPRAYING - SAFETY
REQUIREMENTS FOR THERMAL SPRAYING
EQUIPMENT - PART 2: GAS CONTROL UNITS**

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English Version

Thermal spraying - Safety requirements for thermal spraying equipment - Part 2: Gas control units

Projection thermique - Exigences de sécurité relatives au matériel de projection thermique - Partie 2: Unités de régulation de l'alimentation en gaz

Thermisches Spritzen - Sicherheitsanforderungen für Einrichtungen für das thermische Spritzen - Teil 2: Gaskontrolleinheiten

This European Standard was approved by CEN on 3 February 2007.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

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 CEN Management Centre has the same status as the official versions.

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Foreword

This document (EN 15339-2:2007) has been prepared by Technical Committee CEN/TC 240 “Thermal spraying and thermally sprayed coatings”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2007, and conflicting national standards shall be withdrawn at the latest by September 2007.

EN 15339 *Thermal spraying — Safety requirements for thermal spraying equipment* consists of the following parts:

Part 2: Gas control units

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, 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.

EN 15339-2:2007 (E)

1 Scope

This European Standard specifies safety requirements of machines and equipment for thermal spraying, in this case of gas control units. This European Standard should be used in conjunction with the Part 1 which deals with general aspects when designing, manufacturing, and/or putting in service of machines or equipment.

Generally the requirements of EU-Directive 94/9/EC are valid for the use of this European Standard.

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.

EN 559, *Gas welding equipment — Rubber hoses for welding, cutting and allied processes*

EN 560, *Gas welding equipment — Hose connections for equipment for welding, cutting and allied processes*

EN 561, *Gas welding equipment — Quick-action coupling with shut-off valves for welding, cutting and allied processes*

EN 657, *Thermal spraying — Terminology, classification*

EN 730-1, *Gas welding equipment — Safety devices — Part 1: Incorporating a flame (flashback) arrestor*

EN 730-2, *Gas welding equipment — Safety devices — Part 2: Not incorporating a flame (flashback) arrestor*

EN 982, *Safety of machinery — Safety requirements for fluid power systems and their components — Hydraulics*

EN 13611, *Safety and control devices for gas burners and gas-burning appliances — General requirements*

prEN 15069, *Safety gas connection valves for metal hose assemblies used for the connection of domestic appliances using gaseous fuel*

EN 60079-0, *Electrical apparatus for explosive gas atmospheres — Part 0: General requirements (IEC 60079-0:2004)*

EN 60079-1, *Electrical apparatus for potentially explosive atmospheres — Part 1: Flameproof enclosure "d" (IEC 60079-1:2003)*

EN 60079-2, *Electrical apparatus for explosive gas atmospheres — Part 2: Pressurized enclosures "p" (IEC 60079-2:2001)*

EN 60079-10, *Electrical apparatus for explosive gas atmospheres — Part 10: Classification of hazardous areas (IEC 60079-10:2002)*

EN 60204-1, *Safety of machinery — Electrical equipment of machines — Part 1: General requirements (IEC 60204-1:2005, modified)*

EN 60529, *Degrees of protection provided by enclosures (IP code) (IEC 60529:1989)*

EN 61310-1, *Safety of machinery — Indication, marking and actuation — Part 1: Requirements for visual, auditory and tactile signals (IEC 61310-1:1995)*

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