



**National Standards Authority of Ireland**

**IRISH STANDARD**

**I.S. EN 12966-3:2005**

ICS 93.080.30

**ROAD VERTICAL SIGNS - VARIABLE  
MESSAGE TRAFFIC SIGNS - PART 3:  
FACTORY PRODUCTION CONTROL**

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EUROPEAN STANDARD

**EN 12966-3**

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EUROPÄISCHE NORM

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English version

## Road vertical signs - Variable message traffic signs - Part 3: Factory production control

Signaux de signalisation routière verticale - Panneaux à messages variables - Partie 3: Facteur de production en usine

Vertikale Verkehrszeichen - Wechselverkehrszeichen - Teil 3: Werkseigene Produktionskontrolle

This European Standard was approved by CEN on 15 March 2005.

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 Central Secretariat 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 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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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**EN 12966-3:2005 (E)**

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## Foreword

This document (EN 12966-3:2005) has been prepared by Technical Committee CEN/TC 226 "Road equipment", the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2005, and conflicting national standards shall be withdrawn at the latest by October 2005.

This European Standard 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).

This document consists of the following Parts under the general title:

Road vertical signs

- Part 1 : *Variable message traffic signs – Part 1: Product standard*
- Part 2 : *Variable message traffic signs – Part 2: Initial type testing*
- **Part 3 : (this part) Variable message traffic signs – Part 3: Factory production control**

It derives from performance requirements and test methods published in CEN, CENELEC, CIE and ISO documents together with standards of the CEN member organisations.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## EN 12966-3:2005 (E)

### 1 Scope

This document specifies the requirements for Factory Production Control (FPC) manufacturers of variable message signs and is designed to be read in conjunction with Part 1.

The requirements described in this document are applicable to the products under the scope of EN 12966-1.

This document specifies which sorts of parameters and tests have to be taken into consideration within the FPC system, but leaves the precise test methods to be applied to be chosen depending on the manufacturer's facilities and production methods. The precise parameters and methods will be found in the manufacturer's written FPC procedures.

### 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 12966-1:2005, *Road vertical signs — Variable message traffic signs — Part 1: Product standard*

EN 12899-1:2001, *Fixed, vertical road traffic signs — Part 1: Fixed signs*

EN ISO 9000:2000, *Quality management systems — Fundamentals and vocabulary (ISO 9000:2000)*

EN ISO 9001, *Quality management systems — Requirements (ISO 9001:2000)*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN ISO 9000:2000 and in EN 12966-1:2005 and the following apply.

#### 3.1

##### **Factory Production Control (FPC)**

permanent internal control of production exercised by the product manufacturer

#### 3.2

##### **batch**

quantity of a product manufactured with no change in raw material, equipment, settings or operation as defined in the FPC system manual of the manufacturer

#### 3.3

##### **individual (and non-series)**

where the manufacturing process is different to the manufacturer's usual process

### 4 System requirements

#### 4.1 General

The continuing conformity of VMS test module to the ITT, the requirements of this document and with the stated values (including classes) shall be demonstrated by factory production control.

NOTE Initial type testing (ITT) is covered by EN 12966-2.

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