



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 11819-1:2002

ICS 17.140.30

**ACOUSTICS - MEASUREMENT OF THE  
INFLUENCE OF ROAD SURFACES ON  
TRAFFIC NOISE - PART 1: STATISTICAL  
PASS-BY METHOD (ISO 11819-1:1997)**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on  
December 21, 2001*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 11819-1**

August 2001

ICS 17.140.30

English version

**Acoustics - Measurement of the influence of road surfaces on  
traffic noise - Part 1: Statistical Pass-By method (ISO 11819-  
1:1997)**

Acoustique - Mesurage de l'influence des revêtements  
chaussées sur le bruit émis par la circulation - Partie 1:  
Méthode statistique au passage (ISO 11819-1:1997)

Akustik - Messung des Einflusses von Straßenoberflächen  
auf Verkehrsgläusche - Teil 1: Statistisches  
Vorbeifahrtverfahren (ISO 11819-1:1997)

This European Standard was approved by CEN on 11 June 2001.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITE EUROPÉEN DE NORMALISATION  
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## **EN ISO 11819-1:2001 (E)**

### **Foreword**

The text of the International Standard from Technical Committee ISO/TC 43 "Acoustics" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 227 "Road materials", 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 February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

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

NOTE FROM CMC The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

### **Endorsement notice**

The text of the International Standard ISO 11819-1:1997 has been approved by CEN as a European Standard without any modification.

# INTERNATIONAL STANDARD

**ISO**  
**11819-1**

First edition  
1997-09-15

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## **Acoustics — Measurement of the influence of road surfaces on traffic noise —**

### **Part 1: Statistical Pass-By method**

*Acoustique — Mesurage de l'influence des revêtements de chaussées sur  
le bruit émis par la circulation —*

*Partie 1: Méthode statistique au passage*



Reference number  
ISO 11819-1:1997(E)

## ISO 11819-1:1997(E)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11819-1 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

ISO 11819 consists of the following parts, under the general title *Acoustics — Measurement of the influence of road surfaces on traffic noise*:

- *Part 1: Statistical Pass-By method*
- *Part 2: Close-proximity method*

Annexes A to F of this part of ISO 11819 are for information only.

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X.400 c=ch; a=400net; p=iso; o=Isocs; s=central

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