



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 28041 : 1993

ICS 17.160  
13.160

National Standards  
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**HUMAN RESPONSE TO VIBRATION –  
MEASURING INSTRUMENTATION  
(ISO 8041:1990)**

*This Irish Standard was  
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authority of the National  
Standards Authority of  
Ireland  
and comes into effect on.  
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Údarás um Chaighdeáin Náisiúnta na hÉireann



## **DECLARATION**

**OF**

**SPECIFICATION**

**ENTITLED**

**HUMAN RESPONSE TO VIBRATION – MEASURING INSTRUMENTATION**

**(ISO 8041:1990)**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**HUMAN RESPONSE TO VIBRATION – MEASURING INSTRUMENTATION**

**(ISO 8041:1990)**

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**EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:**

- 1. This instrument may be cited as the Standard Specification (Human Response to Vibration – Measuring Instrumentation (ISO 8041:1990)) Declaration, 1993.**
- 2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Human Response to Vibration – Measuring Instrumentation (ISO 8041:1990). The Schedule comprises the text of EN 28041 : 1993.**  
**(2) The said standard specification may be cited as Irish Standard/EN 28041:1993 or as I.S./EN 28041:1993.**



EUROPEAN PRESTANDARD

ENV 28041:1993

PRÉNORME EUROPÉENNE

EUROPÄISCHE VORNORM

February 1993

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UDC 534.61.08:534.83:331.432.4:621.317.79

Descriptors: Vibration, human body, frequency response, vibration tests, measurements, measuring instruments, characteristics, marking, technical notices, tables (Data)

English version

### Human response to vibration - Measuring instrumentation (ISO 8041:1990)

Réponse des individus aux vibrations -  
Appareillage de mesure (ISO 8041:1990)

Schwingungseinwirkung auf den Menschen -  
Meßeinrichtung (ISO 8041:1990)

This European Prestandard (ENV) was approved by CEN on 1991-10-01 as a prospective standard for provisional application. The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into an European Standard (EN).

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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

## CEN

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## **Foreword**

Following consideration of the result of a Primary Questionnaire among members, the CEN Technical Board decided in October 1991 to submit the International Standard

ISO 8041:1990 "Human response to vibration - Measuring instrumentation"

to the Formal Vote for approval as European Prestandard.

The result of the Formal Vote was positive.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to announce this European Prestandard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

## **Endorsement notice**

The text of the International Standard ISO 8041:1990 was approved by CEN as a European Prestandard without any modification.

## **Introduction to the European Prestandard**

This European Prestandard defines performance requirements for instrumentation suitable to assess the vibration to which persons are exposed at workplaces. In view of the complexity of situations in which people are exposed to vibration it may sometimes be necessary to use instrumentation with other characteristics.

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