



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 27574-1 : 1991

ICS 17.140.20

**ACOUSTICS; STATISTICAL METHODS FOR  
DETERMINING AND VERIFYING STATED  
NOISE EMISSION VALUES OF MACHINERY  
AND EQUIPMENT; PART 1: GENERAL  
CONSIDERATIONS AND  
DEFINITIONS. (ISO 7574/1 : 1985)**

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*May 10, 1991*

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Údarás um Chaighdeán Náisiúnta na hÉireann



**DECLARATION**  
  
OF  
  
SPECIFICATION  
  
ENTITLED  
  
ACOUSTICS  
  
STATISTICAL METHODS FOR DETERMINING AND  
VERIFYING STATED NOISE EMISSION VALUES OF MACHINERY AND EQUIPMENT  
  
PART 1: GENERAL CONSIDERATIONS AND DEFINITIONS  
  
(ISO 7574/1, EDITION 1985)  
  
AS  
  
THE IRISH STANDARD SPECIFICATION FOR  
  
ACOUSTICS  
  
STATISTICAL METHODS FOR DETERMINING AND  
VERIFYING STATED NOISE EMISSION VALUES OF MACHINERY AND EQUIPMENT  
  
PART 1: GENERAL CONSIDERATIONS AND DEFINITIONS  
  
(ISO 7574/1, EDITION 1985)

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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 Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification ( Acoustics. Statistical Methods for Determining and Verifying Stated Noise Emission Values of Machinery and Equipment. Part 1: General Considerations and Definitions (ISO 7574/1, Edition 1985) ) Declaration, 1991.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Acoustics. Statistical Methods for Determining and Verifying Stated Noise Emission Values of Machinery and Equipment. Part 1: General Considerations and Definitions (ISO 7574/1, Edition 1985). The schedule comprises the text of EN 27574-1 : 1988.

(2) The said standard specification may be cited as Irish Standard/EN 27574-1 : 1991 or as I.S./EN 27574-1 : 1991.



**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 27 574**

Part 1

December 1988

UDC 534.6:534.835.46:519.22

Key words : Acoustics, Noise: sound, Engine noise, Statistical quality control, Statistical analysis, Definitions.

**English version**

**Acoustics**

**Statistical methods for determining and verifying  
stated noise emission values of machinery and equipment**

**Part 1: General considerations and definitions**

(ISO 7574/1, edition 1985)

Acoustique; Méthodes statistiques pour la détermination et le contrôle des valeurs déclarées d'émission acoustique des machines et équipements; Partie 1: Généralités et définitions (ISO 7574/1, édition 1985)

Akustik; Statistische Verfahren zur Festlegung und Nachprüfung angegebener (oder vorgegebener) Geräuschemissionswerte von Maschinen und Geräten; Teil 1: Allgemeines und Begriffe (ISO 7574/1, Ausgabe 1985)

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**Comité Européen de Normalisation**  
**Europäisches Komitee für Normung**

**Central Secretariat : Rue Bréderode 2, B-1000 Brussels**

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### **BRIEF HISTORY**

The Technical Board decided with Resolution BT 84/1988 to submit the International Standard

ISO 7574/1-1985 'Acoustics; Statistical methods for determining and verifying stated noise emission values of machinery and equipment;  
Part 1: General considerations and definitions'

to the Formal Vote.

Since this standard passed the Formal Vote positively without modification, it was approved by CEN as European Standard EN 27 574 Part 1.

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard:

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### **STATEMENT**

The text of the International Standard ISO 7574/1, edition 1985 was approved by CEN as a European Standard without any modification.

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