



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 12460:1998**

ICS 07.080

**BIOTECHNOLOGY - LARGE-SCALE  
PROCESS AND PRODUCTION - GUIDANCE  
ON EQUIPMENT SELECTION AND  
INSTALLATION IN ACCORDANCE WITH THE  
BIOLOGICAL RISK**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel (01) 807 3800  
Tel (01) 807 3838

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## DECLARATION

OF

SPECIFICATION

ENTITLED

BIOTECHNOLOGY - LARGE-SCALE PROCESS AND PRODUCTION - GUIDANCE ON  
EQUIPMENT SELECTION AND INSTALLATION IN ACCORDANCE WITH THE  
BIOLOGICAL RISK

AS

THE IRISH STANDARD SPECIFICATION FOR

BIOTECHNOLOGY - LARGE-SCALE PROCESS AND PRODUCTION - GUIDANCE ON  
EQUIPMENT SELECTION AND INSTALLATION IN ACCORDANCE WITH THE  
BIOLOGICAL RISK

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NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Biotechnology - Large-scale process and production - Guidance on equipment selection and installation in accordance with the biological risk) Declaration, 1998.

2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Biotechnology - Large-scale process and production - Guidance on equipment selection and installation in accordance with the biological risk. The Schedule comprises the text of EN 12460:1998.

(2) The said standard specification may be cited as Irish Standard EN 12460:1998 or as I.S. EN 12460:1998.



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

**EN 12460**

February 1998

ICS 07.080

Descriptors: biotechnology, work safety, classifications, hazards, micro-organisms, transgenic organisms, contamination, accident prevention, environmental protection, laboratory equipment, containment enclosures

English version

**Biotechnology - Large-scale process and production - Guidance  
on equipment selection and installation in accordance with the  
biological risk**

Biotechnologie - Procédé à grande échelle et production -  
Guide pour la sélection et l'installation des équipements en  
fonction du risque biologique

Biotechnik - Verfahren in Großmaßstab und Produktion -  
Leitfaden zur Auswahl und Installation von Geräten und  
Ausrüstungen entsprechend dem biologischen Risiko

This European Standard was approved by CEN on 31 January 1998.

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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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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