



National Standards Authority of Ireland

IRISH STANDARD

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ICS 81.100

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

**CERAMIC MACHINES - SAFETY - LOADING
AND UNLOADING OF FINE CLAY TILES**

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English Version

Ceramic machines - Safety - Loading and unloading of fine clay tiles

Machines de la céramique - Sécurité - Chargement et déchargement de carreaux céramiques

Keramikmaschinen - Sicherheit - Beladen und Entladen von feinkeramischen Platten

This European Standard was approved by CEN on 12 October 2005.

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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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

	Page
Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions – Symbols and abbreviated terms.....	6
4 List of significant hazards	7
5 Safety requirements and/or protective measures	8
6 Verification of the safety requirements and/or protective measures.....	11
7 Information for use	12
Annex A (informative) Examples of loading/unloading machines	14
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directives 98/37/EC	16

Foreword

This European Standard (EN 13102:2005) has been prepared by Technical Committee CEN/TC 151 “Construction equipment and building material machines — Safety”, 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of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.

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).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this European Standard.

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 13102:2005 (E)

Introduction

This European Standard is a type C standard as stated in EN ISO 12100-1:2003.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this European Standard.

When compiling this standard it was assumed that:

- only trained persons work at the machine;
- components without specific requirements are:
 - a) designed in accordance with the usual engineering practice and calculation codes, including all failure modes;
 - b) of solid mechanical and electrical construction;
 - c) made of materials with adequate strength and of suitable quality;
- general electrical hazards according to electrical safety standard EN 60204-1:1997;
- general hazards due to hydraulic, pneumatic equipment are dealt with according to relevant standards for common use such as EN 982:1996 and EN 983:1996;
- components are kept in good repair and working order, so that the required characteristics remain despite wear;
- specifications have been met about interface with other machinery;
- noise is not a significant hazard.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards, for machines that have been designed and built according to the provisions of this type C standard.

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