



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 13102:2006

ICS 81.100

**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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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of an identical text or by endorsement, at the latest by June 2006, and conflicting national standards shall be withdrawn at the latest by June 2006.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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