

Industrial fans - Mechanical safety of fans - Guarding (ISO 12499:1999)

ICS 23.120

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National foreword

This British Standard is the UK implementation of EN ISO 12499:2008. It is identical to ISO 12499:1999. It supersedes BS 848-5:1986 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/17, Industrial fans.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 November 1999

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ISBN 978 0 580 63482 6

Amendments/corrigenda issued since publication

Date	Comments
31 July 2009	BS 848-5:1999 renumbered as BS EN ISO 12499:2008 (dual number retained)

English Version

Industrial fans - Mechanical safety of fans - Guarding (ISO
12499:1999)

Ventilateurs industriels - Sécurité mécanique des
ventilateurs - Protecteurs (ISO 12499:1999)

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Foreword

The text of ISO 12499:1999 has been prepared by Technical Committee ISO/TC 117 “Industrial fans” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 12499:2008 by Technical Committee CEN/TC 156 “Ventilation for buildings” the secretariat of which is held by BSI.

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Endorsement notice

The text of ISO 12499:1999 has been approved by CEN as a EN ISO 12499:2008 without any modification.

Introduction

This International Standard is intended to provide designers, users and installers with information on the safety aspects of fixed guards for use with industrial fans.

Since fans, by the nature of the function they perform, contain rotating parts, they present a mechanical hazard which has to be minimized or avoided. As a fan does not usually have to be accessible during "normal operation", a fixed guard can be applied. This can be removed during "ancillary operations" as necessary for servicing or maintenance.

As the scope of this International Standard covers a particular form of guarding as well as its design and use for a specific range of products, it is a type C standard, as defined by the European Committee for Standardization.

It complies with ISO/TR 12100-1, ISO/TR 12100-2 and EN 414, as well as ISO 13852.