

This is a preview of "ISO 11839:2010". [Click here to purchase the full version from the ANSI store.](#)

First edition  
2010-10-01

---

---

## **Machinery for forestry — Glazing and panel materials used in operator enclosures for protection against thrown sawteeth — Test method and performance criteria**

*Matériel forestier — Matériaux pour vitrage et panneaux utilisés dans l'enceinte de l'opérateur contre la projection des dents de scie — Méthode d'essai et critères de performance*



Reference number  
ISO 11839:2010(E)

© ISO 2010

This is a preview of "ISO 11839:2010". [Click here to purchase the full version from the ANSI store.](#)

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

This is a preview of "ISO 11839:2010". [Click here to purchase the full version from the ANSI store.](#)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 11839 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 15, *Machinery for forestry*.

This is a preview of "ISO 11839:2010". [Click here to purchase the full version from the ANSI store.](#)

## Introduction

Forestry machines that use circular saws with replaceable sawteeth can expose the operator to the hazard of thrown sawteeth. Operator enclosures on forestry machinery provide protection from a variety of hazards by interposing a system of structural members and panel materials between the operator and potential hazards (see, for example, ISO 8083 for falling objects or ISO 8084 for poking hazards).

When there is a hazard from circular-saw thrown sawteeth, panel and glazing materials used in operator enclosures can be appropriately selected to provide operator protection based upon this International Standard. Although surfaces meeting the criteria given in this International Standard might not give protection under all conceivable circumstances in which the machine could be impacted by thrown sawteeth, it is expected that protection against sawteeth thrown from circular saws will be provided under normal operating conditions.