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Second edition
2004-03-01

Corrected version
2005-07-01

Tractors and machinery for agriculture and forestry — Guards for power take-off (PTO) drive-shafts — Strength and wear tests and acceptance criteria

*Tracteurs et matériels agricoles et forestiers — Protecteurs d'arbres de
transmission à cardans de prise de force — Essais de résistance
mécanique et d'usure et critères d'acceptation*



Reference number
ISO 5674:2004(E)

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Published in Switzerland

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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 5674 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 2, *Common tests*.

This second edition of ISO 5674 cancels and replaces the first editions of ISO 5674-1:1992 and ISO 5674-2:1992, of which it constitutes a technical revision.

This corrected version of ISO 5674:2004 incorporates the following corrections or modifications.

- An error in the second column heading of Table 2 ("m/m") has been eliminated.
- Figure 1 has been modified, and numbering of elements and a key added.
- The wording of the third sentence of 6.5.2 has been changed.
- The title of 6.6 has been corrected from "specified temperature" to "ambient temperature".
- The system of numbering and the wording of A.1 has been altered to avoid possible confusion.
- Figure A.1 has been changed to show the blows at three locations, and "h" has been deleted from the drawing and the legend as a result of the change to 6.5.2.
- Cross-references have been added to the legend to Figure D.1.
- The system of numbering and the wording of D.9 has been altered to avoid possible confusion.

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Introduction

This document is a type C standard as stated in ISO 12100.

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

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.