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Second edition
2013-05-01

Steel cord conveyor belts — Longitudinal traction test —

Part 1: Measurement of elongation

Courroies transporteuses à câbles d'acier — Essai de traction dans le sens longitudinal —

Partie 1: Mesurage de l'allongement



Reference number
ISO 7622-1:2013(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.

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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 7622-1 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 3, *Conveyor belts*.

This second edition cancels and replaces the first edition (ISO 7622-1:1984), of which it constitutes a minor revision.

ISO 7622 consists of the following parts, under the general title *Steel cord conveyor belts — Longitudinal traction test*:

- *Part 1: Measurement of elongation*
- *Part 2: Measurement of tensile strength*

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Introduction

This test method is intended to verify, by destructive testing, the elongation properties of steel cords constituting the carcass of conveyor belts. As it is a destructive test, it is used only in the event of litigation or where no certificate of compliance is issued by the cord manufacturer.

Differences in elongation can occur between raw steel cords and rubber-coated steel cords. For this reason, the values determined in accordance with this method and the values stated in a certificate of the cord manufacturer can differ.