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Second edition
2007-09-15

Earth-moving machinery — Loaders and backhoe loaders —

Part 1:

Calculation of rated operating capacity and test method for verifying calculated tipping load

*Engins de terrassement — Chargeuses et chargeuses-pelleteuses —
Partie 1: Calcul de la charge utile nominale et méthode d'essai pour vérifier la charge de basculement calculée*



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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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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 14397-1 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 1, *Test methods relating to machine performance*.

This second edition cancels and replaces the first edition (ISO 14397-1:2002), which has been technically revised.

ISO 14397 consists of the following parts, under the general title *Earth-moving machinery — Loaders and backhoe loaders*:

- *Part 1: Calculation of rated operating capacity and test method for verifying calculated tipping load*
- *Part 2: Test method for measuring breakout forces and lift capacity to maximum lift height*