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Earth-moving machinery — Key-locked starting systems

Engins de terrassement — Systèmes de démarrage verrouillables à clé



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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.

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.

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Earth-moving machinery — Key-locked starting systems

1 Scope

This international Standard specifies the performance requirements and location for a key-locked starting system or other equivalent means of obviating unauthorized starting of earth-moving machinery.

It applies to all types of earth-moving machinery as defined in ISO 6165.

This International Standard is not intended to provide protection to the authorized machine operator, nor to protect the machine against abuse, destructive vandalism, or theft.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 6165:1987, *Earth-moving machinery — Basic types — Vocabulary*.

3 Definition

For the purposes of this International Standard, the following definition applies.

starting system: Those parts and components on a machine defined as starting controls which, when activated either independently or in conjunction with other components, cause the starting device for the engine or other power source to start up.

4 Requirements

4.1 Starting system

The starting system shall have either a key-type ignition switch or a lockable master disconnection switch to obviate its unauthorized activation.

4.2 Locking devices

Locking devices and any provision for padlocks used to secure the starting control shall be an integral part of the system.

Locking devices shall be easily accessible to the authorized machine operator in the driving position.

4.3 Instructions

The manufacturer's shut-down instructions shall recommend that the deterrent system or device be used when the machine is shut down in accordance with these instructions.