INTERNATIONAL STANDARD

ISO 8082-1

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Self-propelled machinery for forestry — Laboratory tests and performance requirements for roll-over protective structures —

Part 1:

General machines

Machines forestières automotrices — Essais de laboratoire et exigences de performance pour les structures de protection au retournement —

Partie 1: Machines communes

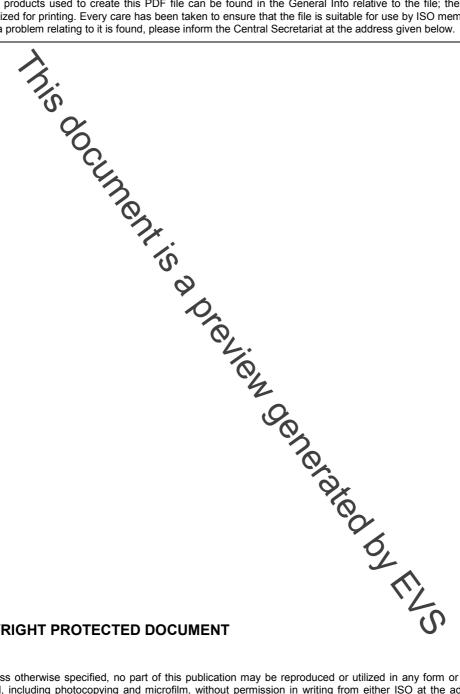


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Foreword

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 Maison 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 8082-1 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 15, *Machinery for forestry*.

This first edition of ISO 8082-1 cancels and replaces ISO 8082:2003, of which it constitutes a minor revision. Whereas machines having a rotating platform with cap and boom on the platform remain excluded from the scope of this part of ISO 8082, the restructuring of the standard into discrete parts allows those machines to be addressed in ISO 8082-2.

ISO 8082 consists of the following parts, under the general title Self-propelled machinery for forestry — Laboratory tests and performance requirements for roll-over protective structures:

- Part 1: General machines
- Part 2: Machines having a rotating platform with a cab and boom of the platform

Self-propelled machinery for forestry — Laboratory tests and performance requirements for roll-over protective structures —

Part 1:

General machines

1 Scope

This part of ISO 8082 establishes a consistent, reproducible means of evaluating the force–deflection characteristics of roll-over projective structures (ROPS) on self-propelled forestry machines under static loading, and prescribes performance requirements for a representative specimen under such loading. It is applicable to forwarders, skidders, eller-bunchers, processors, harvesters and log loaders, as defined in ISO 6814. It is not applicable to machines having a rotating platform with a cab and boom on the platform, which are addressed by ISO 8082-2.

NOTE The requirement levels and testing occurres of this part of ISO 8082 are the same as those of ISO 3471 [2].

2 Normative references

The following referenced documents are indispersible for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 148-1, Metallic materials — Charpy pendulum impact to Part 1: Test method

ISO 898-1, Mechanical properties of fasteners made of carbor seel and alloy steel — Part 1: Bolts, screws and studs with specified property classes — Coarse thread and fine sitch thread

ISO 898-2:1992, Mechanical properties of fasteners — Part 2: Nuts was specified proof load values — Coarse thread

ISO 3164, Earth-moving machinery — Laboratory evaluations of protective structures — Specifications for deflection-limiting volume

ISO 6814, Machinery for forestry — Mobile and self-propelled machinery — Terms, definitions and classification

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