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## Earth-moving machinery — Crawler machines — Performance requirements and test procedures for braking systems

Engins de terrassement — Engins à chenilles — Exigences de performance et modes opératoires d'essai des dispositifs de freinage



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## Foreword

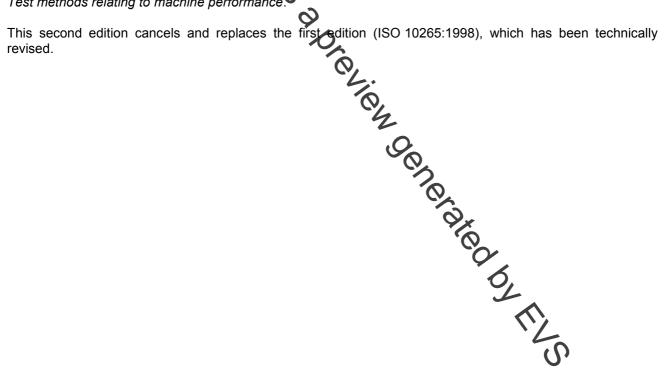
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ISO 10265 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 1, *Test methods relating to machine performance*.



# Earth-moving machinery — Crawler machines — Performance requirements and test procedures for braking systems

## 1 Scope

This International standard specifies minimum performance criteria and test methods to enable uniform assessment of the service, secondary and parking brake systems of crawler machines.

It is applicable to self-propelled crawler machines, as defined in ISO 6165 including derivative earth-moving machines with rubber tracks with a maximum design speed of 20 km/h or less. This International Standard does not cover those machines that are covered by ISO 17063 or wheeled machines equipped with over-the-tyre tracks. Crawler machines with maximum design speed greater than 20 km/h conform to ISO 3450.

NOTE Crawler machines used in underground mining applications might have other regional or local brake system requirements.

## 2 Normative references

The following referenced documents are indispensable 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 6014:1986, Earth-moving machinery — Determination of ground speed

ISO 6016:1998, Earth-moving machinery — Methods of the masses of whole machines, their equipment and components

ISO 9248:1992, Earth-moving machinery — Units for dimensions, performance and capacities and their measurement accuracies

ISO 10266:1992, Earth-moving machinery — Determination of the limits for machine fluid systems operation — Static test method

ISO 10968:2004, Earth-moving machinery — Operator's controls

ISO 15998:—<sup>1)</sup>, Earth-moving machinery — Machine-control system (MCS) using electronic components — Performance criteria and tests for functional safety

#### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

#### 3.1 Brake systems

<sup>1)</sup> To be published.