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Second edition  
2009-08-15

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## **Earth-moving machinery — Field of vision of surveillance and rear-view mirrors —**

### **Part 2: Performance criteria**

*Engins de terrassement — Champ de visibilité des rétroviseurs et des miroirs de surveillance —*

*Partie 2: Critères de performance*



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## Foreword

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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 14401-2 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 1, *Test methods relating to safety and machine performance*.

This second edition cancels and replaces the first edition (ISO 14401-2:2004), which has been technically revised.

ISO 14401 consists of the following parts, under the general title *Earth-moving machinery — Field of vision of surveillance and rear-view mirrors*:

- *Part 1: Test methods*
- *Part 2: Performance criteria*

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## Introduction

This part of ISO 14401 gives performance criteria for surveillance and rear-view mirrors fitted to certain earth-moving machinery. The field of vision described is intended to define the minimum visibility area behind the machine in order to provide adequate visibility for the operator when working around other moving machines — during operation in a forward/reverse mode or during transport on roadways with other traffic.

As specified in ISO 5006, mirrors may also be fitted on earth-moving equipment to help meet the visibility performance requirements of ISO 5006 when those requirements cannot be met by direct visibility alone. The testing procedures for mirrors in ISO 14401-1 and in ISO 5006 have been aligned to allow a mirror to fulfil the requirements of both ISO 5006 and this part of ISO 14401.

Mirrors can also be fitted for the purpose of compliance with national or local regulations, e.g. on-road requirements.