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Tractors and machinery for agriculture and forestry — Test procedures for positioning and guidance systems in agriculture —

Part 2:
Testing of satellite-based auto-guidance systems during straight and level travel

Tracteurs et matériels agricoles et forestiers — Modes opératoires d'essai des systèmes de positionnement et de guidage utilisés en agriculture —

Partie 2: Essai des systèmes d'autoguidage satellitaires lors de déplacements droits et horizontaux

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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.

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ISO 12188 consists of the following parts, under the general title *Tractors and machinery for agriculture and forestry — Test procedures for positioning and guidance systems in agriculture*:

— *Part 1: Dynamic testing of satellite-based positioning devices*

— *Part 2: Testing of satellite-based auto-guidance systems during straight and level travel*

Introduction

This part of ISO 12188 provides detailed information for the dynamic testing of satellite based positioning devices or complex navigation systems (automatic steering systems) used in agriculture. The dynamic testing relies on metering geographic positioning quality when tested devices and systems are in motion resembling their use in agriculture. Various professionals need comparable and detailed information on the behaviour of such systems based on standardised test procedures. Potential users include developers and manufacturers of agricultural equipment and positioning or navigation components as well as farmers or other end users.