ISO 12188-1:2010-03 (E)

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

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Terms and definitions 1
2.1 General terms related to positioning device testing 1
2.2 Terms describing position accuracy and error measurements 2

3 Requirements 3
3.1 General 3
3.2 Horizontal positioning test 4
3.3 Dynamic signal reacquisition test 4

4 Calculations and report 4
4.1 General 4
4.2 Positioning accuracies 5
4.3 Course-over-ground accuracy 6
4.4 Course latency 6
4.5 Speed accuracy 6
4.6 Latency 6

Annex A (normative) Error and accuracy computation 7

Bibliography 8