ISO/TR 25398:2006-10 (E)

Earth-moving machinery - Guidelines for assessment of exposure to whole-body vibration of ride-on machines - Use of harmonized data measured by international institutes, organizations and manufacturers

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Estimation of vibration magnitude 5

5 Estimation of daily exposure duration 5

6 Consideration of uncertainties 6

7 Determination and assessment of vibration exposure 7

8 Documentation 16

Annex A (informative) Machine types and their typical operating conditions 17

Annex B (informative) Equivalent vibration values of whole-body vibration emission of earth-moving machinery 21

Annex C (informative) Calculation form for total vibration exposure points 23

Annex D (informative) Example documentation form for whole-body vibration exposure 24

Annex E (informative) Guidelines for use and working conditions of earth-moving machinery to reduce vibration levels 25

Annex F (informative) Guidelines for establishing and reporting vibration reduction of earth-moving machinery 27

Bibliography 28