

DIN EN ISO 5349-2:2015-12 (E)

Mechanical vibration - Measurement and evaluation of human exposure to hand-transmitted vibration - Part 2: Practical guidance for measurement at the workplace (ISO 5349-2:2001 + Amd 1:2015) (includes Amendment A1:2015)

Contents	Page
Introduction	4
1 Scope	5
12 Normative references	5
3 Terms and definitions and symbols	5
3.1 Terms and definitions	5
3.2 Symbols	6
4 Quantities to be evaluated	6
5 Preparation of the measurement procedure	7
5.1 General	7
5.2 Selection of operations to be measured	7
5.3 Organization of the measurements	7
5.4 Duration of vibration measurements	8
5.5 Estimation of daily vibration duration	9
6 Measurement of vibration magnitude	10
6.1 Measurement equipment	10
6.2 Sources of uncertainty in vibration measurement	15
6.3 Check and verification of the measurement chain	16
7 Uncertainty of evaluation of daily vibration exposure	16
7.1 Acceleration measurement uncertainty	16
7.2 Exposure time measurement uncertainty	17
7.3 Evaluation of uncertainties	17
8 Calculation of the daily vibration exposure	17
9 Information to be reported	18
Annex A (informative) Examples of measurement locations	20
Annex B (informative) Evaluation of vibration exposure over periods greater than one day	31
Annex C (informative) Mechanical filters	33
Annex D (informative) Guidance on mounting accelerometers	34
Annex E (informative) Examples of the calculation of daily vibration exposure	37
Bibliography	45