

DIN 45669-1:2020-06 (E)

Measurement of vibration immissions - Part 1: Vibration meters - Requirements and tests

Contents	Page
Foreword	3
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	6
4 Symbols	12
5 Requirements	13
6 Testing	26
7 Mechanical calibration equipment.....	41
8 Electrical calibration equipment	43
9 Marking	43
10 Data sheet	43
11 Operating instructions	44
Annex A (informative) Example of KB_F signal generation.....	45
Annex B (informative) Ripple	46
Annex C (informative) Testing phase response characteristics by the two-tone method	47
Annex D (informative) Method for determining the significant frequency f_{mg}	54
Annex E (informative) Method for assessing the effects of transient vibrations on building structures without determining the significant frequency	55
Annex F (informative) Estimating instrument uncertainty	58
Annex G (informative) Example implementation of the weighting filter and example testing procedure	68
Bibliography	71