DIN EN ISO 12001:2010-01 (E)

Acoustics - Noise emitted by machinery and equipment - Rules for the drafting and presentation of a noise test code (ISO 12001 :1996)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Definitions 6

4 Classification of different types of noise 10

5 Classification of the accuracy grade of measurement methods 10
5.1 Survey grade (grade 3) 10
5.2 Engineering grade (grade 2) 10
5.3 Precision grade (grade 1) 11

6 Selection of B-types standards for use in noise test codes 11
6.1 General 11
6.2 Methods for determining sound power levels 11
6.3 Methods for the determination of emission sound pressure levels at work stations and at other specified positions 11
6.4 Methods for declaring and verifying noise emission values 12
6.5 Requirements with respect to the method and accuracy grade 12

7 Requirements for the contents of a noise test code 12
7.1 Description of a family of machines 12
7.2 Noise emission 12
7.3 Installation and mounting conditions 13
7.4 Operating conditions 14
7.5 Measurement uncertainties 14
7.6 Information to be recorded 15
7.7 Information to be reported 15
7.8 Declaration and verification of noise emission values 15

Annex A (normative) Basic noise emission standards 17

Annex B (normative) Items to be covered in a noise test code 19

Annex C (informative) Noise emission quantities 20

Annex D (informative) Bibliography 21