DIN EN ISO 11202:2010-10 (E)

Acoustics - Noise emitted by machinery and equi pment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 6

3 Terms and definitions 7

4 Instrumentation 12

5 Procedures to determine the local environmental correction, K3A 12

6 Test environment 13

7 Measured quantities 15

8 Quantities to be determined 15

9 Mounting and operation of source under test 16

10 Microphone positions 18

11 Measurements 20

12 Measurement uncertainty 22

13 Information to be recorded 25

14 Test report 26

Annex A (normative) Environmental correction for a work station -- Determination of the local environmental correction, K3 28

Annex B (normative) Criteria for background noise for measurements in frequency bands 34

Annex C (informative) Guidance on the development of information on measurement uncertainty ... 36

Annex D (informative) Principles of the methodology 42

Annex E (informative) Example of a test table 43

Bibliography 44

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC 46