DIN EN ISO 16000-2:2006-06 (E)

Indoor air - Part 2: Sampling strategy for formaldehyde (ISO 16000-2:2004)

Contents

Page

Foreword 2

Introduction 4

1 Scope 5

2 Normative references 5

3 Sources and occurrence of formaldehyde 5

4 Measurement techniques 7
4.1 General 7
4.2 Short-term monitoring 8
4.3 Long-term monitoring 8
4.4 Methods for screening tests 8

5 Sampling strategy 8
5.1 General 8
5.2 Objectives of the measurement and conditions 8
5.3 Time of sampling 10
5.4 Duration of sampling and frequency of measurement 10
5.5 Sampling location 10
5.6 Reporting on results and uncertainties 10
5.7 Quality assurance 11

Annex A (informative) Properties of formaldehyde 12

Annex B (informative) Overview of important sources and typical concentrations 13

Annex C (informative) Correlation of formaldehyde concentrations in naturally ventilated rooms depending on ventilation 14

Annex D (informative) Dependence of the confidence interval on the number of samples 15

Annex E (informative) Examples of screening tests 16

Bibliography 18