

DIN ISO 16000-44:2024-10 (E)

Indoor air - Part 44: Test method for measuring perceived indoor air quality for use in testing the performance of gas phase air cleaners (ISO 16000-44:2023)

Contents		Page
National foreword.....		3
National Annex NA (informative) Bibliography		6
Foreword.....		7
Introduction.....		8
1	Scope	9
2	Normative references	9
3	Terms and definitions	9
4	Principle	10
5	Apparatus, materials and sensory panel	11
6	Test conditions	12
6.1	General.....	12
6.2	Temperature and relative humidity.....	13
6.3	Supply air quality and background concentration.....	13
6.4	Air change rate.....	13
6.5	Panel members.....	13
6.6	Anterior space condition.....	13
7	Preparation	14
7.1	Preparation of the odour emission source(s).....	14
7.2	Preparation of air cleaner(s).....	14
8	Test method	14
8.1	Test chamber method.....	14
8.1.1	General.....	14
8.1.2	Step 1: Measuring the perceived air quality without operating air cleaner(s).....	14
8.1.3	Step 2: Measuring the perceived air quality with operating air cleaner(s).....	15
8.1.4	Determination of perceived air quality.....	15
8.1.5	Instructions.....	17
9	Efficiency	17
10	Test report	17
Annex A (informative) System for quality assurance and quality control		19
Annex B (informative) Examples of Test conditions for test chamber and air purifier		21
Annex C (normative) Test conditions for whole-body exposure in test chamber		22
Bibliography		24