

ISO 16000-37:2019 (E)

Indoor air — Part 37: Measurement of PM_{2,5} mass concentration

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Abbreviated terms
5	Measurement strategy for determining PM _{2,5} indoors
5.1	Location and number of sampling points
5.2	Measurement strategy for source attribution
5.3	Indoor air condition
6	Principle of measurement
6.1	General considerations
6.2	Description of the standard measuring principle
7	Equipment and facilities
7.1	Sampling system components
7.2	Weighing facilities and procedure
8	Supplementary high time resolution method
8.1	General
8.2	Selection of the supplementary instrument
8.3	Supplementary procedure
9	Evaluation and reporting the results
10	Quality assurance and uncertainty evaluation
10.1	Reference method
10.1.1	General
10.1.2	Flow control system
10.1.3	Weighing system
10.1.4	Checking the equipment's parameters
10.2	Supplementary methods
Annex A	(informative) Examples of particle concentrations encountered during room user activities