

ISO 11665-4:2012-07 (E)

Measurement of radioactivity in the environment - Air: radon-222 - Part 4: Integrated measurement method for determining average activity concentration using passive sampling and delayed analysis

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions and symbols	1
3.1	Terms and definitions	1
3.2	Symbols	1
4	Principle	2
5	Equipment	3
6	Sampling	3
6.1	Sampling objective	3
6.2	Sampling characteristics	3
6.3	Sampling conditions	3
7	Detection	4
8	Measurement	4
8.1	Procedure	4
8.2	Influence quantities	4
8.3	Calibration	5
9	Expression of results	5
9.1	Average radon activity concentration	5
9.2	Standard uncertainty	5
9.3	Decision threshold and detection limit	5
9.4	Limits of the confidence interval	5
10	Test report	6
Annex A (normative) Measurement method using a solid-state nuclear track detector (SSNTD)		7
Annex B (normative) Measurement method using an electret detector		12
Annex C (normative) Measurement method using activated charcoal		20
Bibliography		28