ISO 11665-6:2020-01 (E)

Measurement of radioactivity in the environment - Air: radon-222 - Part 6: Spot measurement methods of the activity concentration

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 2

4 Principle **2**

5 Equipment **3**

6 Sampling **3**
6.1 Sampling objective 3
6.2 Sampling characteristics 3
6.3 Sampling conditions 3
6.3.1 General 3
6.3.2 Location of sampling place 3
6.3.3 Sampling duration 3
6.3.4 Volume of air sampled 3

7 Detection **4**

8 Measurement **4**
8.1 Procedure 4
8.2 Influence quantities 4
8.3 Calibration 4

9 Expression of results **5**
9.1 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 **5**

Annex A (informative) **Measurement method using scintillation cells** **7**

Bibliography **13**