

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Radiation protection instrumentation – Transportable, mobile or installed
equipment to measure photon radiation for environmental monitoring**

**Instrumentation pour la radioprotection – Equipement transportable, mobile
ou installé pour mesurer le rayonnement de photons pour la surveillance de
l'environnement**





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CONTENTS

FOREWORD.....	5
INTRODUCTION.....	7
1 Scope.....	8
2 Normative references.....	9
3 Terms, definitions, abbreviations, symbols, quantities and units.....	10
3.1 Terms and definitions.....	10
3.2 Test nomenclature.....	12
3.3 Abbreviations and symbols.....	13
3.4 Quantities and units.....	13
4 General test procedure.....	13
4.1 Nature of tests.....	13
4.2 Reference conditions and standard test conditions.....	13
4.3 Radiation performance tests.....	13
4.4 Tests performed with variation of influence quantities.....	13
4.5 Statistical fluctuations.....	14
4.6 Reference radiation.....	14
4.7 Point of test.....	14
5 General requirements.....	14
5.1 Summary of requirements.....	14
5.2 General characteristics.....	14
5.2.1 Energy and measurement range.....	14
5.2.2 Effective range of dose rate and dose.....	14
5.2.3 Ease of decontamination.....	15
5.3 Equipment configuration.....	15
5.4 Alarm facilities.....	15
6 Radiation detection requirements.....	15
6.1 Linearity.....	15
6.1.1 Requirements.....	15
6.1.2 Test source of photon radiation.....	16
6.2 Variation of response with photon radiation energy.....	16
6.2.1 Requirements.....	16
6.2.2 Method of test.....	17
6.3 Variation of response with angle of incidence.....	17
6.3.1 General.....	17
6.3.2 Requirements.....	17
6.3.3 Method of test.....	18
6.4 Overload characteristics.....	18
6.4.1 Requirements.....	18
6.4.2 Method of test.....	18
6.5 Statistical fluctuations.....	19
6.5.1 Requirements.....	19
6.5.2 Method of test.....	19
6.6 Response time.....	19
6.6.1 Requirements.....	19
6.6.2 Method of test.....	19
6.7 Alarm requirements.....	20

6.7.1	Requirements	20
6.7.2	Method of test.....	21
6.8	Alarm response time and stability	21
6.8.1	Requirements	21
6.8.2	Method of test.....	21
6.9	Warm-up.....	21
6.9.1	Requirements	21
6.9.2	Method of test.....	21
7	Electrical, mechanical and environmental characteristics	22
7.1	Power supplies.....	22
7.1.1	Mains operation	22
7.1.2	Battery operation	22
7.2	Electromagnetic compatibility (EMC).....	23
7.2.1	General	23
7.2.2	Electrostatic discharge	23
7.2.3	General radiated electromagnetic fields	23
7.2.4	Conducted disturbances induced by fast transients or bursts.....	24
7.2.5	Conducted disturbances induced by surges	24
7.2.6	Conducted disturbances induced by radio-frequencies	25
7.2.7	Ring wave immunity	25
7.2.8	50 Hz/60 Hz magnetic field.....	26
7.2.9	Voltage dips and short interruptions	26
7.3	Mechanical characteristics	26
7.3.1	Microphonics/impact	26
7.3.2	Mechanical shock	27
7.4	Environmental characteristics	27
7.4.1	Ambient temperature.....	27
7.4.2	Relative humidity	28
7.4.3	Sealing	28
8	Documentation	29
8.1	Type test report.....	29
8.2	Certificate	29
8.3	Operation and maintenance manual.....	29
Annex A (informative)	Example types of detectors and their characteristics.....	36
A.1	Ionization chamber.....	36
A.2	GM counter	36
A.3	Scintillation detector.....	36
A.4	Semiconductor detector.....	36
Annex B (informative)	Introduction of spectrum-weight G-function.....	37
Annex C (informative)	Specification and configuration of the system using two types of detector.....	39
C.1	Combination of NaI type and ionization chamber type	39
C.2	Combination of NaI type and semiconductor type	40
Annex D (informative)	Calibration of dose rate and dose meters	41

Figure 1 – Example of the rotation of the detector assembly 18

Figure B.1 – Calculated spectrum-weight G-function (pSv/count) as a function of photon energy, compared with the detection efficiency (count/cm⁻²) and the fluence-

to-ambient-dose-equivalent conversion coefficient ($\mu\text{Sv}/\text{cm}^{-2}$) for the NaI(Tl) scintillator (12,7 mm diameter and 12,7 mm thick cylinder) 38

Table 1 – Reference conditions and standard test conditions 30

Table 2 – Radiation performance tests 31

Table 3 – Classification of electricity, mechanical, and environmental testing 32

Table 4 – Tests performed with variations of influence quantities 33

Table 5 – Maximum values of additional indications due to electromagnetic disturbances 34

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RADIATION PROTECTION INSTRUMENTATION –
TRANSPORTABLE, MOBILE OR INSTALLED EQUIPMENT TO MEASURE
PHOTON RADIATION FOR ENVIRONMENTAL MONITORING**

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This first edition of IEC 61017 cancels and replaces the first edition of IEC 61017-1, published in 1991, and the first edition of IEC 61017-2, published in 1994. It constitutes a technical revision.

The main technical changes with the previous editions are as follows:

- this standard explicitly describes air absorbed dose and dose rate, ambient dose equivalent dose and dose rate, in addition to air kerma and kerma rate;
- this standard includes the description of the typical detector types for use in environmental monitoring.