
STATUTORY INSTRUMENTS

2017 No. 1322

The Ionising Radiation (Medical Exposure) Regulations 2017

Expert advice

14.—(1) The employer must ensure that a suitable medical physics expert is appointed and involved, in accordance with paragraph (2), in relation to every type of exposure to which these Regulations apply.

(2) A medical physics expert must—

- (a) be closely involved in every radiotherapeutic practice other than standardised therapeutic nuclear medicine practices;
- (b) be involved in practices including standardised therapeutic nuclear medicine practices, diagnostic nuclear medicine practices and high dose interventional radiology and high dose computed tomography;
- (c) be involved as appropriate for consultation on optimisation, in all other radiological practices not mentioned in [F1sub-paragraphs (a) and (b)]; and
- (d) give advice on—
 - (i) dosimetry and quality assurance matters relating to radiation protection concerning exposures;
 - (ii) physical measurements for the evaluation of dose delivered;
 - (iii) medical radiological equipment.

(3) A medical physics expert must also contribute to the following matters—

- (a) optimisation of the radiation protection of patients and other individuals subject to exposures, including the application and use of diagnostic reference levels;
- (b) the definition and performance of quality assurance of the equipment;
- (c) acceptance testing of equipment;
- (d) the preparation of technical specifications for equipment and installation design;
- (e) the surveillance of the medical radiological installations;
- (f) the analysis of events involving, or potentially involving, accidental or unintended exposures;
- (g) the selection of equipment required to perform radiation protection measurements;
- (h) the training of practitioners and other staff in relevant aspects of radiation protection;
- (i) the provision of advice to an employer relating to compliance with these Regulations.

(4) The medical physics expert must, where appropriate, liaise with a radiation protection adviser and a radioactive waste adviser.

(5) In this regulation—

- (a) “radiation protection adviser” means an individual who, or a body which is competent to advise on radiation protection in relation to occupational and public exposures;

- (b) “radioactive waste adviser” means an individual who, or a body which is competent to provide expert advice on radioactive waste management and environmental radiation protection.

Textual Amendments

- F1** Words in [reg. 14\(2\)\(c\)](#) substituted (6.2.2018) by [The Ionising Radiation \(Medical Exposure\) \(Amendment\) Regulations 2018 \(S.I. 2018/121\)](#), regs. 1(2), **2(3)**
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Commencement Information

- II** [Reg. 14](#) in force at 6.2.2018, see [reg. 1](#)

Changes to legislation:

There are currently no known outstanding effects for the The Ionising Radiation (Medical Exposure) Regulations 2017, Section 14.