
STATUTORY RULES OF NORTHERN IRELAND

2018 No. 17

**The Ionising Radiation (Medical Exposure)
Regulations (Northern Ireland) 2018**

Equipment: general duties of the employer

- 15.—**(1) An employer who has control over any equipment must—
- (a) implement and maintain a quality assurance programme in respect of that equipment which must as a minimum permit—
 - (i) the assessment of the dose of ionising radiation that a person may be exposed to from an exposure to which these Regulations apply, by way of the ordinary operation of that equipment; and
 - (ii) the administered activity to be verified;
 - (b) draw up, keep up-to-date and preserve at each medical radiological installation an inventory of equipment at that installation and, when so requested, must provide it to the relevant enforcing authority.
- (2) The inventory referred to in paragraph (1)(b) must contain the following information—
- (a) name of manufacturer;
 - (b) model number;
 - (c) serial number or other unique identifier;
 - (d) year of manufacture; and
 - (e) year of installation.
- (3) An employer must undertake adequate—
- (a) testing of any equipment before it is first used for a medical radiological purpose;
 - (b) performance testing at regular intervals;
 - (c) performance testing following a maintenance procedure which is capable of affecting the equipment's performance.
- (4) No person is permitted to use fluoroscopy equipment unless that equipment features—
- (a) a device to control automatically the dose rate; or
 - (b) an image intensifier or equivalent device.
- (5) Equipment used for interventional radiology and computed tomography must have a device or other feature capable of informing the practitioner, at the end of an exposure, of relevant parameters for assessing the patient dose.
- (6) An employer must—
- (a) put in place any measures necessary to improve inadequate or defective performance of equipment;
 - (b) specify acceptable performance criteria for equipment; and

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- (c) specify what corrective action is necessary when, further to the application of any criteria specified under paragraph (b), equipment is ascertained to be defective; such corrective action may include taking the equipment out of service.