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STATUTORY INSTRUMENTS

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**2017 No. 1075**

**HEALTH AND SAFETY**

**The Ionising Radiations Regulations 2017**

*Made - - - - 27th November 2017*

*Laid before Parliament 30th November 2017*

*Coming into force 1st January 2018*

**THE IONISING RADIATIONS REGULATIONS 2017**

**PART 1**

**PRELIMINARY**

1. Citation and commencement
2. Interpretation
3. Application
4. Duties under the Regulations

**PART 2**

**GENERAL PRINCIPLES AND PROCEDURES**

5. Notification of certain work
6. Registration of certain practices
7. Consent to carry out specified practices
8. Radiation risk assessments
9. Restriction of exposure
10. Personal protective equipment
11. Maintenance and examination of engineering controls etc and personal protective equipment
12. Dose limitation
13. Contingency plans

**PART 3**

**ARRANGEMENTS FOR THE MANAGEMENT OF RADIATION PROTECTION**

14. Radiation protection adviser
15. Information, instruction and training
16. Co-operation between employers

*Status: This is the original version (as it was originally made).*

#### PART 4

##### DESIGNATED AREAS

17. Designation of controlled or supervised areas
18. Local rules and radiation protection supervisors
19. Additional requirements for designated areas
20. Monitoring of designated areas

#### PART 5

##### CLASSIFICATION AND MONITORING OF PERSONS

21. Designation of classified persons
22. Dose assessment and recording
23. Estimated and notional doses and special entries
24. Dosimetry for accidents etc
25. Medical surveillance
26. Investigation and notification of overexposure
27. Dose limitation for overexposed employees

#### PART 6

##### ARRANGEMENTS FOR THE CONTROL OF RADIOACTIVE SUBSTANCES, ARTICLES AND EQUIPMENT

28. Sealed sources and articles containing or embodying radioactive substances
29. Accounting for radioactive substances
30. Keeping and moving of radioactive substances
31. Notification of certain occurrences
32. Duties of manufacturers etc of articles for use in work with ionising radiation
33. Equipment used for medical exposure
34. Misuse of or interference with sources of ionising radiation

#### PART 7

##### DUTIES OF EMPLOYEES AND MISCELLANEOUS

35. Duties of employees
36. Approval of dosimetry services
37. Defence on contravention
38. Exemption certificates
39. Extension outside Great Britain
40. Modifications relating to the Ministry of Defence etc
41. Transitional provisions and savings
42. Modifications and revocation
43. Review  
Signature

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##### SCHEDULE 1 — Work not required to be notified under regulation 5

1. Work with ionising radiation is not required to be notified...
2. The criteria for the exemption from notification of work with...
3. Work with ionising radiation only meets the requirements of paragraph...

4. In paragraph 2(b), “found to be justified” has the meaning...
5. In this Schedule— “appropriate authority” means— in relation to any...

SCHEDULE 2 — Consent to carry out a practice: indicative list of information

1. Responsibilities and organisational arrangements for protection and safety.
2. Staff competences, including information and training.
3. Design features of the facility and of radiation sources.
4. Anticipated occupational and public exposures in normal operation.
5. Safety assessment of the activities and the facility in order...
6. Emergency procedures.
7. Maintenance, testing, inspection and servicing so as to ensure that...
8. Management of radioactive waste and arrangements for the disposal of...
9. Management of disused sources.
10. Quality assurance.

SCHEDULE 3 — Dose limits

PART 1 — Classes of persons to whom dose limits apply

1. Employees and trainees of 18 years of age or above
2. Without prejudice to paragraph 1— (a) the limit on equivalent...
3. Trainees aged under 18 years
4. Without prejudice to paragraph 3— (a) the limit on equivalent...
5. Other persons
6. Paragraph 5 does not apply in relation to any person...
7. Without prejudice to paragraphs 5 and 6—

PART 2

8. For the purposes of regulation 12(2), the limit on effective...
9. Without prejudice to paragraph 8— (a) the limit on equivalent...
10. The employer must ensure that any employee in respect of...
11. An employer must not put into effect a system of...
12. Where there is reasonable cause to believe that any employee...
13. An employer must review the decision to put into effect...
14. Where as a result of a review undertaken pursuant to...
15. Where an employer puts into effect a system of dose...
16. In any case where— (a) the dose limits specified in...
17. In any case where, as a result of a review...
18. Any person who is aggrieved by the decision of the...
19. Sub-sections (2) to (6) of section 44 of the 1974...
20. The Health and Safety Licensing Appeals (Hearings Procedure) Rules 1974,...
21. In this Part, “appropriate authority” means— (a) in connection with...

SCHEDULE 4 — Matters in respect of which a radiation protection adviser must be consulted

1. The implementation of requirements as to controlled and supervised areas...
2. The prior examination of plans for installations and the acceptance...
3. The regular calibration of equipment provided for monitoring levels of...
4. The periodic examination and testing of engineering controls, design features,...

SCHEDULE 5 — Particulars to be entered in the radiation passbook

1. Individual serial number of the passbook.
2. A statement that the passbook has been approved by the...

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3. Date of issue of the passbook by the approved dosimetry...
4. The name, telephone number and mark of endorsement of the...
5. The name, address, telephone number and e-mail address of the...
6. Full name (surname, forenames), date of birth, gender and national...
7. Date of the last medical review of the classified outside...
8. The relevant dose limits applicable to the classified outside worker...
9. The cumulative dose assessment in mSv for the year to...
10. In respect of services performed by the classified outside worker—...

SCHEDULE 6 — Particulars to be contained in a health record

SCHEDULE 7 — Quantities and concentrations of radionuclides

PART 1 — **Table of artificial radionuclides and naturally occurring radionuclides (which are processed for their radioactive, fissile or fertile properties)**

PART 2 — **Table of naturally occurring radionuclides (which are not processed for their radioactive, fissile or fertile properties)**

PART 3 — **Quantity and concentration ratios for more than one radionuclide**

1. For the purpose of Regulation 2(4)— (a) the quantity ratio...
2. In any case where the isotopic composition of a radioactive...

PART 4 — **Table of quantities of radioactive material defining high-activity sealed sources**

SCHEDULE 8 — Transitional provisions and savings

1. (1) In this Schedule— “the 1999 Regulations” means the Ionising...
2. (1) Any thing done, or having effect as if done,...
3. Where on or before 5th February 2018 an employer commences...
4. In paragraph 3 “appropriate authority” has the same meaning as...
5. Where on or before 5th February 2018 a person carries...
6. A person who carries out a practice requiring consent under...
7. Where an employer has, in respect of an employee, applied...
8. In paragraph 7— (a) “appropriate authority” has the same meaning...
9. A radiation passbook approved for the purposes of the 1999...
10. Where a superseded provision provides a period of time within...

SCHEDULE 9 — Modifications

1. The Employment Act 1989
2. The Employment Rights Act 1996
3. The Personal Protective Equipment at Work Regulations 1992
4. The Health and Safety (Enforcing Authority) Regulations 1998
5. The Radiation (Emergency Preparedness and Public Information) Regulations 2001
6. The High-activity Sealed Radioactive Sources and Orphan Sources Regulations 2005
7. The Health and Safety (Enforcing Authority for Railways and Other Guided Transport Systems) Regulations 2006
8. The Legislative Reform (Health and Safety Executive) Order 2008
9. The REACH Enforcement Regulations 2008
10. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009
11. The Environmental Permitting (England and Wales) Regulations 2010
12. The Natural Resources Body for Wales (Functions) Order 2013

13. The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013
14. The Construction (Design and Management) Regulations 2015
15. The Infrastructure Planning (Interested Parties and Miscellaneous Prescribed Provisions) Regulations 2015
16. The Health and Safety and Nuclear (Fees) Regulations 2016
17. The Environmental Permitting (England and Wales) Regulations 2016

Explanatory Note