
STATUTORY INSTRUMENTS

1999 No. 3232

The Ionising Radiations Regulations 1999

PART VI

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

Sealed sources and articles containing or embodying radioactive substances

27.—(1) Where a radioactive substance is used as a source of ionising radiation in work with ionising radiation, the radiation employer shall ensure that, whenever reasonably practicable, the substance is in the form of a sealed source.

(2) The radiation employer shall ensure that the design, construction and maintenance of any article containing or embodying a radioactive substance, including its bonding, immediate container or other mechanical protection, is such as to prevent the leakage of any radioactive substance—

- (a) in the case of a sealed source, so far as is practicable; or
- (b) in the case of any other article, so far as is reasonably practicable.

(3) Where appropriate, the radiation employer shall ensure that suitable tests are carried out at suitable intervals to detect leakage of radioactive substances from any article to which paragraph (2) applies and the employer shall make a suitable record of each such test and shall retain that record for at least 2 years after the article is disposed of or until a further record is made following a subsequent test to that article.

Commencement Information

II Reg. 27 in force at 1.1.2000, see [reg. 1\(a\)](#)

Changes to legislation:

There are outstanding changes not yet made by the legislation.gov.uk editorial team to The Ionising Radiations Regulations 1999. Any changes that have already been made by the team appear in the content and are referenced with annotations.

[View outstanding changes](#)

Changes and effects yet to be applied to :

- Regulations modified by [S.I. 2016/1154 Sch. 23 Pt. 5 para. 7\(1\)](#)
- Regulations revoked by [S.I. 2017/1075 reg. 42\(2\)](#)

Changes and effects yet to be applied to the whole Instrument associated Parts and Chapters:

Whole provisions yet to be inserted into this Instrument (including any effects on those provisions):

- Sch. 1 para. 1A inserted by [S.I. 2013/755 Sch. 4 para. 113\(3\)](#)
- reg. 4(4) inserted by [S.I. 2014/3248 Sch. 5 para. 10\(b\)](#)
- reg. 5(8) inserted by [S.I. 2014/469 Sch. 3 para. 101\(3\)](#)
- reg. 6(10) inserted by [S.I. 2014/469 Sch. 3 para. 102\(3\)](#)
- reg. 14(a)(b) modified by [S.I. 2005/2686 reg. 19](#)
- reg. 22(9) inserted by [S.I. 2014/469 Sch. 3 para. 103\(3\)](#)
- reg. 25(4) inserted by [S.I. 2014/469 Sch. 3 para. 104\(3\)](#)
- reg. 35A inserted by [S.I. 2001/2975 Sch. 11 para. 5](#)