
SCOTTISH STATUTORY INSTRUMENTS

2011 No. 147

The Radioactive Substances Exemption (Scotland) Order 2011

PART 5

Exemption from authorisation under section 13: aqueous radioactive waste

Conditions in respect of aqueous radioactive waste in article 15

16.—(1) A person (“A”) to whom article 15(1) applies must—

- (a) subject to paragraph (2), dispose of the waste in respect of which that article applies—
 - (i) directly into a relevant river or the sea;
 - (ii) to a relevant sewer; or
 - (iii) to a waste permitted person.
- (b) keep an adequate record of the waste which A disposes of from any premises under that article; and
- (c) allow SEPA access to such records or such premises as SEPA may request in order to determine that all of the conditions that apply to A in respect of that article are complied with.

(2) In respect of disposals of aqueous non-Table 3 waste disposed of from the premises, A may not use both of the disposal routes described in paragraph (1)(a)(i) or (ii) in a year and where—

- (a) A uses the route in paragraph (i), the conditions in paragraph (3) apply to A; or
- (b) A uses the route in paragraph (ii), or A does not use the route in either paragraph (i) or paragraph (ii), the conditions in paragraph (4) apply to A.

(3) Where this paragraph applies, A must ensure that—

- (a) in respect of any aqueous non-Table 3 waste which A disposes of, the concentration of radioactivity does not exceed the value shown in column 2 of Table 4; and
- (b) in respect of the total amount of aqueous non-Table 3 waste which A disposes of from the premises in a year, the quantity of radioactivity does not exceed the value shown in column 4 of Table 4.

(4) Where this paragraph applies—

- (a) where any of the aqueous non-Table 3 waste disposed of from the premises in a year has a concentration of radioactivity which exceeds the value shown in column 2 of Table 4, A must not, in respect of the total amount of aqueous non-Table 3 waste which is disposed of from those premises in a year, dispose of a quantity of radionuclides which exceeds—
 - (i) 1×10^8 Bq for the sum of the following radionuclides: H-3, C-11, C-14, F-18, P-32, P-33, S-35, Ca-45, Cr-51, Fe-55, Ga-67, Sr-89, Y-90, Tc-99m, In-111, I-123, I-125, I-131, Sm-153, Tl-201; and
 - (ii) 1×10^6 Bq for the sum of all other radionuclides;

or

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- (b) where all of the aqueous non-Table 3 waste disposed of from the premises in a year has a concentration of radioactivity which does not exceed the value shown in column 2 of Table 4, A must ensure that, in respect of the total amount of such waste disposed of from the premises in a year, the quantity of radioactivity does not exceed—
 - (i) the value shown in column 3 of Table 4; or
 - (ii) the quantity in sub-paragraph (a).
- (5) In this article, “aqueous non-Table 3 waste” means aqueous radioactive waste which is not described in an entry in column 1 of Table 3.