
STATUTORY INSTRUMENTS

2002 No. 1093

The Radioactive Material (Road Transport) Regulations 2002

PART V

ACTIVITY LIMITS AND MATERIAL RESTRICTIONS

Basic radionuclide values

28. The individual radionuclides set out in column 1 of Table 1 in Schedule 1 are given the basic values specified respectively in columns (2) to (5) of that Table for—

- (a) A_1 in TBq;
- (b) A_2 in TBq;
- (c) activity concentration for exempt material in Bq/g; and
- (d) activity limits for exempt consignments in Bq.

Calculation of basic radionuclide values

29.—(1) If a consignment containing individual radionuclides that are not listed in Table 1 in Schedule 1 is—

- (a) to be involved in a Great Britain journey, the calculation of its basic radionuclide values specified in regulation 28 (basic radionuclide values) must have the approval of the Secretary of State, but his approval will not be required if the radionuclide values listed in Table 2 in Schedule 1 are used;
- (b) to be involved in an ADR journey or in a non-ADR journey, the calculation of its radionuclide values must have multilateral approval.

(2) Where the chemical form of each radionuclide is known the A_2 value related to its solubility class as recommended by the International Commission on Radiological Protection may be used if the chemical forms under normal and accident conditions of transport are taken into consideration.

(3) The calculation of A_1 and A_2 for a radionuclide that is not listed in Table I of Schedule 1 is to be made in accordance with Schedule 2.

(4) For mixtures of radionuclides, the calculation of the basic radionuclide values referred to in regulation 28 (basic radionuclide values) may be determined in accordance with Schedule 3.

(5) For individual radionuclides (or for mixture of radionuclides) for which relevant data are not available, or for unknown radionuclides, the values shown in Table II in Schedule 1 must be used.

Content limits for packages

30.—(1) The quantity of radioactive material in a package must not exceed the relevant limits that are specified in paragraph (2).

(2) Every type of package or material set out below must comply with the contents limits that are applicable to it by virtue of the paragraph in Schedule 4 indicated.

Excepted packages	paragraphs 1 and 2
Industrial packages	paragraph 3
Type A packages	paragraph 4
Type B(U) package	paragraph 5
Type B(M) package	paragraph 5
Type C packages	paragraph 5
Packages containing fissile material	paragraph 6
Packages containing uranium hexafluoride	paragraph 7
Special arrangement transport operation	paragraph 8
