

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (Northern Ireland) 2010

Authorisation No. NIEA/1

This authorisation is given in accordance with Regulation 9 of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations (Northern Ireland) 2010 (CDG 2010), as amended.

CARRIAGE COVERED BY THIS AUTHORISATION

This authorisation is for the transport by road and rail of radioactive material.

REASON FOR AUTHORISATION

To permit the transport of radioactive material containing very low levels of activity disposed of in general refuse collection service.

To permit carriers of material consigned according to this authorisation to transport without reference to Part 2 of the regulations covering the transport of radioactive material.

If the activity in a waste material is sufficiently low for it to fall within the relevant exemption limits ("dustbin limits") in the regulations covering the disposal of radioactive material in Northern Ireland¹ the risk from transport is minimal. Consequently it is assessed to be safe to transport it without regard to its radioactive content.

TIME LIMIT

This authorisation comes into effect on 1 November 2016 and remains valid until superseded or withdrawn.

AUTHORISATION

Consignments of radioactive material whose activity does not exceed that in Table 1 below is authorised to be transported without reference to those provisions of CDG2010 pertaining solely to Class 7 material provided that:

- it is being transported for disposal.

¹The Radioactive Substances Exemption (Northern Ireland) Order 2011

- carriage shall be carried out by the waste disposal service(s) usually used by the consignor to collect non-radioactive waste.
- no consignor may present for transport in any 0.1 m³ volume of waste activities exceeding those specified in the second column of Table 1 below².
- no consignor may consign in any one year activities exceeding those specified in the third column of Table 1 below².
- None of the radionuclides Cf-252, Cf-254 or Cm-248 are present.

Table 1

Radioactive Wastes	Maximum concentration of radionuclides per 0.1 m³	Maximum quantity of radioactivity to be disposed of per year
Solid radioactive waste, with no single item > 4 x 10 ⁴ Bq.	4 x 10 ⁵ Bq for the sum of all radionuclides.	2 x 10 ⁸ Bq
Solid radioactive waste containing tritium and C-14 only, with no single item > 4 x 10 ⁵ Bq.	4 x 10 ⁶ Bq of tritium and C-14	2 x 10 ⁹ Bq
Individual sealed sources.	2 x 10 ⁵ Bq for the sum of all radionuclides.	1 x 10 ⁷ Bq
Individual sealed sources which are radioactive waste solely because they contain tritium.	2 x 10 ¹⁰ Bq of tritium.	1 x 10 ¹³ Bq
Luminised articles with no single item containing > 8 x 10 ⁷ Bq of Pm-147 or > 4 x 10 ⁹ Bq of tritium.	8 x 10 ⁷ Bq of Pm-147 or 4 x 10 ⁹ Bq of tritium.	2 x 10 ⁹ Bq of Pm-147 or 1 x 10 ¹¹ Bq of tritium.



Chief Radiochemical Inspector
Northern Ireland Environment Agency

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²The limits in Table 1 appear in Table 3 of the Radioactive Substances Exemption (Northern Ireland) Order 2011