

**3701:1-50-12      General license: plutonium-beryllium special form material.**

- (A) A general license is issued to any licensee of the department to transport fissile material in the form of plutonium-beryllium (Pu-Be) special form sealed sources, or to deliver Pu-Be sealed sources to a carrier for transport, if the material is shipped in accordance with this section. This material need not be contained in a package which meets the standards of subparts E and F of 10 C.F.R. 71 (as published in the January 1, 2014 Code of Federal Regulations); however, the material must be contained in a type A package. The type A package must also meet the DOT requirements of 49 C.F.R. 173.417(a) (as published in the October 1, 2014 Code of Federal Regulations).
- (B) The general license applies only to a licensee who has a quality assurance program approved by the department as satisfying the provisions of rule 3701:1-50-24 of the Administrative Code.
- (C) The general license applies only when a package's contents:
  - (1) Contain no more than a type A quantity of radioactive material; and
  - (2) Contain less than one thousand grams of plutonium, provided that: plutonium-239, plutonium-241, or any combination of these radionuclides, constitutes less than two hundred forty grams of the total quantity of plutonium in the package.
- (D) The general license applies only to packages labeled with a CSI which:
  - (1) Has been determined in accordance with paragraph (E) of this rule;
  - (2) Has a value less than or equal to one hundred; and
  - (3) For a shipment of multiple packages containing Pu-Be sealed sources, the sum of the CSIs must be less than or equal to fifty (for shipment on a nonexclusive use conveyance) and less than or equal to one hundred (for shipment on an exclusive use conveyance).
- (E)
  - (1) The value for the CSI must be greater than or equal to the number calculated by the following equation:  
$$\text{CSI} = 10 ((\text{grams of Pu-239} + \text{grams of Pu-241}) / 24); \text{ and}$$
  - (2) The calculated CSI must be rounded up to the first decimal place.

Effective: 02/18/2016

Five Year Review (FYR) Dates: 11/27/2015 and 11/15/2020

CERTIFIED ELECTRONICALLY

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Certification

02/08/2016

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Date

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