



# RADIOACTIVE

## 2024 DG Checklist

Tracking # \_\_\_\_\_

Date \_\_\_\_\_

The continued offering of non-compliant dangerous goods packages may result in the embargo of your dangerous goods shipments by FedEx.

**DIRECTIONS:** Mark the appropriate box for each item to indicate if the shipment complies with the requirement. Check all sides of the package, as applicable.

- Package** in good condition and **free of leakage, odor, or external damage.** [5.0.2.4.1; 9.1.3.1 (i)]  Y  N
- Shipper's Declaration** included. [10.8.2] **Typewritten** or **computer-generated** per FX-07.  Y  N
- Shipment acceptable by both origin and destination locations per eSRG (does not apply to 023 shipments). [eSRG]  Y  N  N/A

### ON THE SHIPPER'S DECLARATION

Tracking number must be completed by DG Specialist (if not already completed by Shipper). Shipper must provide 3 copies in English and at least 2 copies with red hatchings. For MPS shipments, all DG packages have one photocopy of the Shipper's Declaration. [8.1.6.3; FX-08]

- Shipper and consignee name and full address.** For 023 shipments, shipper's address includes country name. [10.8.3.1; 10.8.3.2]  Y  N
- Page of Pages.** [10.8.3.4]  Y  N
- Passenger and Cargo Aircraft or Cargo Aircraft Only** limitations correctly indicated. For USG-10 Passenger and Cargo Aircraft:
  - must be 3.0 TI or less per package **AND**
  - any statement indicating for use in research or medical diagnosis or treatment.
 Limitations include additional restrictions of States and Operators. [10.8.3.5; USG-10]  Y  N  N/A
- Radioactive** correctly indicated. [10.8.3.8.1]  Y  N
- UN number** preceded by prefix "**UN**". [10.8.3.9.1, Step 1]  Y  N
- Proper Shipping Name.** [10.8.3.9.1, Step 2]  Y  N
- Class 7.** [10.8.3.9.1, Step 3]  Y  N
- Subsidiary hazard(s)**, if applicable, in parentheses immediately following class or division. [10.8.3.9.1, Step 4]  Y  N  N/A
- Packing Group**, when applicable, corresponding to subsidiary hazard. [10.8.3.9.1 Step 5]  Y  N  N/A
- Name or symbol of radionuclide(s)** (e.g., Ir-192, Mo-99). [10.8.3.9.2, Step 6 (a)]  Y  N
- Description of physical and chemical form** (e.g., liquid sodium iodide, solid metal) or **Special Form** (if not included in PSN for Type A package). [10.8.3.9.2, Step 6 (b)]  Y  N
- Number of packages and type of packaging** (e.g., 1 Type A, 1 Type B[U]). [10.8.3.9.2, Step 7]  Y  N
- Activity of radionuclide(s)** in Becquerels (e.g., Bq, MBq, GBq, TBq, etc). For fissile material, the total weight in grams or kilograms of the fissile material may be shown in place of activity. [10.8.3.9.2, Step 7]  Y  N
- Type A Package:**  N/A
  - Single Radionuclide:** Activity does not exceed the applicable A<sub>1</sub> or A<sub>2</sub> column limit. [Table 10.3.A] For U.S. domestic shipments only: Mo-99 A<sub>2</sub> = 0.74 TBq  Y  N  N/A
  - Two or More Radionuclides:** Activity for each radionuclide does not exceed the applicable A<sub>1</sub> or A<sub>2</sub> column limit. [Table 10.3.A]  Y  N  N/A

- Two or more individual radionuclides in package.** Activity listed for each individual radionuclide. All Packed In One indicated in Quantity and Type of Packing. [10.8.3.9.2, Step 7]  Y  N  N/A
- Two or more radionuclides in mixture or solutions.** Total activity listed for mixture or solution. Mixture or solution indicated in Quantity and Type of Packing (e.g. solid salt mixture or liquid salt solution). [10.8.3.9.2, Steps 6 and 7; FX-03 (e)]  Y  N  N/A
- Category of label** (e.g., I White, II Yellow, III Yellow). [10.8.3.9.3, Step 9 (a)]  Y  N
- II Yellow and III Yellow:** Transport Index (TI) to one decimal place. [10.8.3.9.3, Step 9 (b)]  Y  N  N/A
- II Yellow and III Yellow:** Dimensions of package in metric units. "L," "W" (or "D"), and "H" may be shown immediately preceding each dimension but are not required. [10.8.3.9.3, Step 9 (c)]  Y  N  N/A
- III Yellow:** TI must not exceed 10.0 per package. [Table 10.5.C]  Y  N  N/A
- Special Form shipment: Special form approval certificate number** indicated on declaration (not required for U.S. domestic shipments). [10.8.3.9.4, Step 10]  Y  N  N/A
- Special Form shipment:** Copy of approval, in English, attached (not required for U.S. domestic shipments). [10.8.3.9.4, Step 10]  Y  N  N/A
- Type B package:** Design approval number indicated on declaration. [10.8.3.9.4, Step 10]  Y  N  N/A
- Type B package:** Copy of approval document(s), in English, attached (not required for U.S. domestic shipments). [10.8.3.9.4, Step 10]  Y  N  N/A
- Fissile in Type B Package:** Specific approval documents from FedEx Legal/Radiation Physicist attached. For U.S. domestic shipments only. [10.8.3.9.4, Step 10]  Y  N  N/A
- 24-hour emergency response telephone number,** including international prefix, if required by State or Operator variation. [2.8]  Y  N  N/A
- Name, date, and shipper's signature** (signature may be typewritten for U.S. domestic shipments, including U.S. territories). [10.8.3.13; 10.8.3.14; 10.8.3.15]  Y  N
- Shipper's same signature next to **amendments and alterations** (changes). [10.8.1.7]  Y  N  N/A  
**NOTE:** An insertion in different handwriting or printing is not considered to be an alteration.

### ON THE PACKAGE

(Markings and labels correspond to shipper's declaration and must be durably affixed.) [10.7.1.1]

- Number and type of packaging correspond to declaration (not including Overpack).** [9.1.3.1 (i)]  Y  N
- Package large enough to support all markings, labels, documentation and none are placed on the bottom of the package. FedEx branded packaging (including brown boxes) not used. [FX-06]  Y  N
- Shipper and Consignee name and full address** marked on package. [10.7.1.3.1]  Y  N



# RADIOACTIVE

## 2024 DG Checklist

Tracking # \_\_\_\_\_

Date \_\_\_\_\_

The continued offering of non-compliant dangerous goods packages may result in the embargo of your dangerous goods shipments by FedEx.

- 35. **UN number** preceded by prefix "UN", meets **size requirements** and corresponds to declaration. [10.7.1.2.4.1; 10.7.1.3.1]  Y  N
- 36. **Proper Shipping Name** and **corresponds to declaration**. [10.7.1.3.1]  Y  N
- 37. **Type A:** Marked with Type A, VRI code of origin country, and name of package certifier (may be Shipper). USA Type A package requires marking of USA DOT 7A Type A. [10.7.1.3.4]  Y  N  N/A
- 38. **Type B:** Marked Type B (U or M as appropriate) and design approval number and symbol (e.g. USA/9999/B(U)-96 Type B). [10.7.1.3.5]  Y  N  N/A
- 39. **Type IP:** Marked Type IP (e.g., Type IP-1, Type IP-2, Type IP-3 as appropriate), VRI code of origin country, and name of package certifier (may be Shipper). [10.7.1.3.3]  Y  N  N/A
- 40. **For packages that exceed 50 kg (110 lb), the gross weight (in metric units)** must be marked on package. [10.7.1.3.1]  Y  N  N/A
- 41. **Two correct radioactive labels** on opposite sides. [10.7.3.1; 10.7.4.3.1]  Y  N
- 42. Content/radionuclide symbol, activity on radioactive label corresponds to shipper's declaration. For Yellow II and Yellow III, TI corresponds to shipper's declaration. [10.7.3.3]  Y  N
- 43. **Two subsidiary hazard labels**, when required, affixed adjacent to primary hazard labels. [10.7.4.2.3; 10.7.4.3.1]  Y  N  N/A
- 44. For ADG sub-hazards, Shipper is on the FedEx approval list, and packages marked with the IDG loading label. [FX-03(c)]  Y  N  N/A
- 45. **Two Cargo Aircraft Only labels** on opposite sides and near hazard labels on same surface of package. [10.7.4.2.4; 10.7.4.3.1]  Y  N  N/A
- 46. **One set of labels** must be located on the same side of the package near the Proper Shipping Name marking when package dimensions are adequate. [10.7.4.2.1]  Y  N  N/A
- 47. **Markings and label(s)** meeting IATA specifications, correctly applied (not obscured or covering required markings, not folded or wrapped on more than one face of package); irrelevant or contradictory markings/labels removed or obliterated. [10.7.1.1; 10.7.4.1.3]  Y  N

**OVERPACKS**  N/A

- 48. **"Overpack Used"** on declaration. [10.8.3.9.2, Step 8]  Y  N
- 49. **"Overpack"** marked on package(s) unless **all** marks and labels representative of all dangerous goods in the overpack are clearly visible. [7.1.7.1]  Y  N
- 50. The **gross weight** is marked on the package if the gross weight of the package exceeds 50 KG. [10.7.1.4.1]  Y  N  N/A
- 51. Total **transport index (TI)** indicated on the Shipper's Declaration and marked on the package. [10.7.3.4; 10.8.3.9.3 Step 9 (b)]  Y  N
- 52. **Multiple Overpacks:** Unique identification mark on both declaration and each overpack. (Tracking number may be used.) [10.7.1.4.3]  Y  N  N/A

**FISSILE EXCEPTED**  N/A  
**FISSILE RADIONUCLIDES:** (U-233 or U-235)

- 53. **"Fissile Excepted" on declaration.** If yes, select N/A for Fissile Material section and skip 52-57. [10.8.3.9.4, Step 10]  Y  N

**FISSILE MATERIAL (If not Fissile Excepted)**  N/A

- 54. **Fissile in Proper Shipping Name** other than fissile excepted: Criticality Safety Index on declaration. [10.8.3.9.3, Step 9 (d)]  Y  N  N/A
- 55. **Package design approval** and **country approval certificate number** on declaration and copies of documents attached. [10.8.3.9.4; 10.10.2.1.5]  Y  N
- 56. **FedEx Legal/Radiation Physicist approval** document(s) attached. [FX-03 (d)]  Y  N
- 57. **Two completed Criticality Safety Index labels** and **two radioactive category labels** (i.e. I White, II Yellow, or III Yellow) on opposite sides. [10.7.4.3.1]  Y  N  N/A
- 58. **Identification mark** contains type code "AF", "B(U)F", "B(M)F", "CF", or "IF". [10.7.1.3.7]  Y  N  N/A

**PACKAGES CONTAINING DRY ICE**  N/A

- 59. Dry Ice markings, labelings, and documentation requirements met. [PI 954; 7.1.4.1 (d); 8.2.4]  Y  N

**GENERAL**

- 60. **023 air waybill:** Correct statements, as appropriate, in Handling Information box. [10.8.8.1]  Y  N  N/A
- 61. Complies with all other applicable **State and Operator variations**. [2.8]  Y  N
- 62. **"RQ"** is indicated before or after basic description on declaration when marked on the package (e.g. **RQ**, UN2915, Radioactive Material, Type A Package, 7 or UN2915, Radioactive Material Type A Package, 7, **RQ**). **"RQ"** is marked on package when on declaration. [USG-04]  Y  N  N/A
- 63. Shipment complies with **special provisions**. [4.2, column M]  Y  N  N/A

If there are any discrepancies indicated, your shipment cannot be transported by FedEx. In the U.S., this shipment is returned to the Shipper using DOT-SP 14691. In the U.S., call 1.800.GoFedEx and press "81" then "4" for assistance. For non-U.S. locations, please contact your local Customer Service representative.

Printed or other static representations of this document are considered uncontrolled and for reference only.

**ACCEPTED**  **REJECTED**

For **ACCEPTED** shipments, ensure the automation/ASTRA label indicates the appropriate handling code (ADG, IDG, ICE). If the handling code is missing or incorrect, perform a Revenue Exception (REX) scan and relabel the shipment(s).

I have confirmed the handling code is correct.

**Inspected By** \_\_\_\_\_

**Employee #** \_\_\_\_\_

**Shipper Contact Name** \_\_\_\_\_

**Shipper Contact Phone #** \_\_\_\_\_