

EXCEPTED PACKAGE CHECKLIST FOR AN IODINE-125 SHIPMENT [reference IATA-2005]

This form is adapted for I-125 shipments to be sent under the following Proper Shipping Name: **Radioactive material, excepted package, limited quantity of material, UN2910** (after 12/31/06, **UN2910, Radioactive material, excepted package, limited quantity of material**)

Excepted Package is a packaging, used for containing radioactive material, that is designed to meet the General Packing Requirements of 10.5.3 and 10.3.10, as applicable. [10.5.9 and 10.6.1.1.4]

YES NO* N/A

GENERAL [10.5.9.1 to 10.5.9.4; 2.9] In order to ship by air the package must meet the following requirements:

- (1) [] [] [] Must contain ≤ 300 MBq (8.1 mCi), if liquid at room temp. [25C (77F)] or must contain ≤ 3 GBq (81 mCi), if solid at room temperature. [10.5.9.8.1]
- (2) [] [] [] The radiation level at any point on the external surface does not exceed 5 uSv/h (0.5 mrem/h).
- (3) [] [] [] The non-fixed radioactive contamination on any external surface of the package is not > 4 Bq/cm² (0.000108 uCi/cm²).
- (4) [] [] [] The radioactive materials are packaged in such a manner as to prevent any leakage during routine transport?
- (5) [] [] [] Is the marking "RADIOACTIVE" located on an inner surface such that anyone opening the package will see that the package contains radioactive material?
- (6) [] [] [] Are State and Operator variations complied with as per 2.9
- (7) [] [] [] [] If the package contains dry ice, does the package meet the regulations covered in Packing Instruction 904? [7.1.5.1(d)]

GENERAL PACKING REQUIREMENTS [10.5.3.1 to 10.5.3.12]

- (8) [] [] [] The package is designed in relation to its weight, volume and shape that it can be easily and safely handled & transported.
- (9) [] [] [] The package is designed so that the external surfaces are free of protruding features and can be easily decontaminated.
- (10) [] [] [] The outer layer of the package is designed to prevent the collection and retention of water.
- (11) [] [] [] Any features added to the package at the time of transport, which are not part of the package, do not reduce its safety.
- (12) [] [] [] The package and its contents are capable of withstanding the effects of acceleration, vibration or vibration resonance encountered in routine transport.
- (13) [] [] [] The package materials are physically and chemically compatible with each other and the radioactive contents.
- (14) [] [] [] The package container is designed to retain integrity when exposed to temps. > 40 C (-40 F) and < 55 C (131 F).
- (15) [] [] [] The package containing radioactive material is capable of withstanding, without leakage, an internal pressure differential of ≤ 95 kPa (13.8 lb/in²).

AIR WAYBILL [10.8.8.3]

- (16) [] [] [] Does the "Nature and Quantity of Goods" box of the Air Waybill contain the following statement, "UN 2910, Radioactive material, excepted package, limited quantity of material" or is box checked that DG are present, but DGD is not required?
- (17) [] [] [] [] If dry ice is used, does the "Nature and Quantity of Goods" box show the appropriate information regarding the presence and mass of the dry ice?
- (18) [] [] [] There are no hazardous contents, that require a Dangerous Goods Declaration (DGD)? [10.8.8.3.4]

MARKINGS AND LABELING [for excepted packages: 10.7.1.3.2]

- (19) [] [] [] Is the package marked with the Proper Shipping Name, as listed at the top of this form?
- (20) [] [] [] Is the package marked with the full name and address of the shipper and consignee?
- (21) [] [] [] [] Is the package marked with the Permissible Gross Weight, if it exceeds 50 kg (110 lb)?
- (22) [] [] [] [] If Carbon Dioxide, solid (dry Ice) is used, does the package have the additional labels and markings? [7.1.5.1(d)]
- (23) [] [] [] [] Does the package possess the Radioactive Material Excepted Package Label? [recommended 01/01/05, required 01/01/07]
- (24) [] [] [] All labels correctly affixed and irrelevant marks and labels removed. [10.7.2.1]

Comments: _____

Checked by (please print): _____ Signature: _____

Place: _____ Date: _____ Time: _____

***IF ANY QUESTION IS ANSWERED WITH A "NO", DO NOT ACCEPT THE SHIPMENT FOR AIR TRANSPORT.**