

NORTHERN AIR CARGO.

Radioactive Shipments

Tips for Understanding a Radioactive Shipment

DISCLAIMER:

This information is only a guideline for properly trained dangerous goods shippers as required by PHMSA in 49CFR §172.700 – §172.704. It is provided as a courtesy only and is for informational/reference purposes only and is subject to continually changing regulatory requirements. Therefore, the information shown may not reflect current governmental requirements and these materials are not to be considered, or used, for training or regulatory compliance in any form whatsoever. It is the responsibility of the user of this material to comply with all federal regulations. Please refer to the appropriate governmental publications for conformance with the hazardous materials egulations. Northern Air Cargo, LLC shall not be held responsible for any omissions, errors, or loss arising from the use of this material regardless of its application or use. 2023

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First, we will be using the RADIOACTIVE CHECKSHEET for this document covering the shipper's declaration.

The first page of the checklist is for the DOCUMENT (*shown below*) and is what we will be using along with the numbers listed here to point out areas on the document you need to verify. Page two is for the package which we will visit later

	gin with IATA Chapter 10			
Two conies in English	DOCUMENTATION and in the IATA format including the air certificati	on statement YES NO N/A		
	1.1 and 10.8.3.12.2]?		SHIPPER'S DECLARATION FOR DANGEROUS GOODS	- /
The Shipper & Consig	nee name and address [10.8.3.1; 10.8.3.2]		Shipper Air W	nyhill No. 000-0000-0000 2 1 of 1 Paper 5 jeptinni) ENC ENC ENC ENC ENC ENC ENC ENC
The shipper certificat Is the Page of Pages of	ion and air statement noted [10.8.3.12] completed (e.g. 1 of 1 or 1 of 2 & 2 of 2)? [10.8.3.4]		123 Main St Anytown US 00000 Shipp	1 of 1 Pages
Has the non-applicab	le aircraft type been deleted? [10.8.3.5] f Departure or Destination correct? (modify if nec	🛛 🗖	Consignee 3	(optional)
Has the Non-Radioact	tive shipment type been deleted? [10.8.3.8]		Hazmat Redux 987 Other St	3
DENTIFICATION			Othertown US 00000	
a. UN Number, prece	mation shown correctly and in proper sequence? eded by prefix "UN" [10.8.3.9.1, Step 1]		Two completed and signed copies of this declaration must be WARI handed to the operator	IING 5
b. Proper Shipping N c. Class 7 [10.8.3.9.1.	ame [10.8.3.9.1, Step 2] Step 3]		TRANSPORT DETAILS This shipment is within the Airport of Departure:	ailure to comply in all respects with the applicable Jangerous Goods Regulations may be in breach
d. Subsidiary Risk, in	parentheses, immediately following Class [10.8.3.!	9.1, Step 4] 🗌 🔲 🗌	Imitations prescribed for: (delete non applicable) Anchorage, AK	of the applicable law, subject to legal penalties.
 Packing Group if re f. If "RQ" applies, 490 	equired for Sub Risk [10.8.3.9.1, Step 5] CFR 172.101 app A table2 , listed before or after ba		6 CARGO ONLY	3
	TYPE OF PACKAGING		Airport of Destination: Honolulu, HI Shipm	ent type: (che nor-opplicable)
 Name or Symbol of F A description of the p 	Radionuclide(s) [10.8.3.9.2, Step 6 (a)] physical and chemical form if in other form [10.8.3	i.9.2, Step 6 (b)]	NATURE AND QUANTITY OF DANGEROUS GOODS	8 ADIOACTIVE
"Special Form" (not r [10.8.3.9.2. Step 6 (required for UN 3332 or UN 3333) or low dispersib	le material	Dangerous Goods Identification	Quantity and Packing Author-
. The number and typ	e of packages and the activity in Becquerel or mult	tiples thereof	UN Or Proper Shipping Name Or sidiary P ID NO. Division Risk	sking type of packaging Inst. Ization/ERG#
material may be sh	or Fissile Material the total weight in grams or kilo own in place of activity [10.8.3.9.2, Step 7]		3 10	
For different radionu	clides, the activity of each radionuclide and the w [10.8.3.9.2. Step 7]		RQ Radioactive material 7	Iridium-192 II USA/9296/ Stocial Exam
. Words "Overpack Us	[10.8.3.9.2, Step 7] ed" shown on the DGD [10.8.3.9.2, Step 8]		2916 Type B(U) Package	Special Form Yellow Certification 1 Type B(U) package X T.J. 0.2 USA/0835/5
ACKING INSTRU				1 Type B(U) package X T.J. 0.2 USA/0385/S 1050.0 GBq Special Ferm Dim Cartification
. Transport Index and	(s) or overpack [10.8.3.9.3, Step 9 and Table 10.5.0 dimensions (Length x Width x Height) for Category	/ II and		OVERPACK USED
Category III only [10 For Fissile Material th	0.8.3.9.3, Step 9] he Criticality Safety Index or the words "Fissile Exc	epted"	96 9b 9c 9d	9e (10-15) 50 cm (19)
[10.8.3.9.3, Step 9]				16-18
UTHORIZATION	VS shown and a copy of the document in English atta	ched to DGD for	Support Sectavation (OR AMAGENOUS GOODS Sectavation (1792 600 jackbage X Ti. 0.3 000000000000000000000000000000000000
the following [10.8.	3.9.4, Step 10; 10.5.7.2.2]:		Additional Handling Information DRILL CODE 71 25	(22)
	pproval certificate e material approval certificate		I hereby declare that the contents of this consignment are full accurately described above by the proper shipping name, an	and Name/Title of Signatory JOHN DOE / Shipper
 Type B package 	e design approval certificate		accurately described above by the proper shipping name, an classified, packaged, marked aboled/placarded, and are	d are in all Place and Date Anchorage Aug 05, 2016
. Passenger aircraft au	l certificates as required ithorization statement noted (medical use only) U	SG-10	classified, packaged, marked aboled/placarded, and are respects in proper condition 4 ansport according to appli international and national good mental regulations. I declare	
	nformation [10.8.3.11] ency telephone number entered when applicable	? 172.604(d)	all of the applicable air transport requirements have been met	(See warning above)
8. Is the name, place an	nd date shown and the document signed legibly?			
[10.8.3.13; 10.8.3.1 Amendment or alter	4; 10.8.3.15] ation signed by Shipper [10.8.1.7]			
Is the ICAO drill code present, enter it no	(ERG) number entered? NAC requirement only a	nd if not		
	IIOACTIVE IGEROUS GOODS CHECKLIST	PAGE 2 of 2	AWB	NAC
DAN		PAGE 2 of 2	AWB	
DAN	IGEROUS GOODS CHECKLIST	PAGE 2 of 2	AWB	Placed on opposite side
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Constitution of the second secon	IGEROUS GOODS CHECKLIST in with IATA Chapter 10 PACKAGE(S) AND OVERPAC packages or overpacks agree with number of item regardings or overpacks agree with number of item regardings or overpacks agree with number of item regardings of the sphere and Consigner (10.7.1.3.1) and (10.7.1.3.1) (Marcs of the Shipper and Consigner (10.7.1.3.1) andred as per 10.7.1.3.1) whith if exceeds 50 kg (10.7.1.3.1) andred as per 10.7.1.3.1 andred as per 10.7.1.3.2 (Autris) Packages and packages containing Fissler (10.7.1.3.1) andred as per 10.7.1.3.7 the declaration, is it shown on the package? whith the declaration, is thown on the package? white Shipper (10.7.3.3.4, 10.7.4.3.1) are quited as the shown on the package? white Shipper (10.7.3.3.4, 10.7.4.3.1) are required on the same surface near rated [10.7.1.1, 10.7.2.1, 10.7.4, 1] are required must be clearly visible or reproduced repack (10.7.1.4) are required must be clearly visible or reproduced repack (10.7.3.4) are consider (10.7.3.4) are consider (10.7.3.4) are consider (10.7.3.4) (10.7.3.4) are consider (10.7.3.4) (10.7.4) are consider (10.7.3.4) (10.7.4) (1	CK(S) YES NO N/ aration?	A Tamper Tam	Placed on opposite side



Page 1 of 2

Using the RADIOACTIVE CHECKLIST for this portion (*next page*) covering the shipper's declaration.

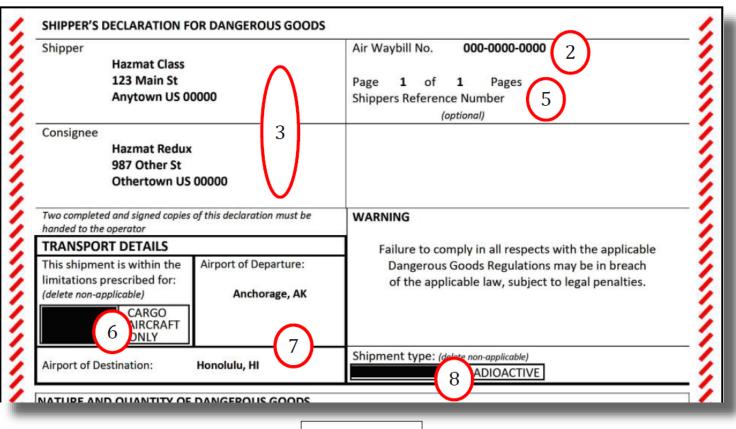
The left side of the checklist is for the DOCUMENT (*shown below*) and is what we will be using along with the numbers listed here correspond to the areas of the document you need to verify.

DOCUMENTATION			
1. Two copies in English and in the IATA format including the air certification statement	YES	NO	N/A
[10.8.1.2; 10.8.1.4, 8.1.1 and 10.8.3.12.2]?			
2. Is the air waybill number entered?			
3. The Shipper & Consignee name and address [10.8.3.1; 10.8.3.2]			
 The shipper certification and air statement noted [10.8.3.12] 			
 Is the Page of Pages completed (e.g. 1 of 1 or 1 of 2 & 2 of 2)? [10.8.3.4] 			
Has the non-applicable aircraft type been deleted? [10.8.3.5]			
Is the Airport or City of Departure or Destination correct? (modify if necessary)			
 Has the Non-Radioactive shipment type been deleted? [10.8.3.8] 			
IDENTIFICATION			
9. Is the following information shown correctly and in proper sequence?	_	_	
a. UN Number, preceded by prefix "UN" [10.8.3.9.1, Step 1]			
b. Proper Shipping Name [10.8.3.9.1, Step 2]			
c. Class 7 [10.8.3.9.1, Step 3]			_
d. Subsidiary Risk, in parentheses, immediately following Class [10.8.3.9.1, Step 4]			
e. Packing Group if required for Sub Risk [10.8.3.9.1, Step 5]			
f. If "RQ" applies, 49CFR 172.101 app A table2 , listed before or after basic description	. ப		
QUANTITY AND TYPE OF PACKAGING			
Name or Symbol of Radionuclide(s) [10.8.3.9.2, Step 6 (a)]			
11. A description of the physical and chemical form if in other form [10.8.3.9.2, Step 6 (b)]	. 🗆		
"Special Form" (not required for UN 3332 or UN 3333) or low dispersible material	_	_	_
[10.8.3.9.2, Step 6 (b)]	🗆		
13. The number and type of packages and the activity in Becquerel or multiples thereof			
in each package. For Fissile Material the total weight in grams or kilograms of fissile			
material may be shown in place of activity [10.8.3.9.2, Step 7]	🗆		
 For different radionuclides, the activity of each radionuclide and the words "All packed in one" [10.8.3.9.2, Step 7] 			
All packed in one [10.8.3.9.2, step 7]			
	Ll		
PACKING INSTRUCTIONS		_	
 Category of package(s) or overpack [10.8.3.9.3, Step 9 and Table 10.5.C] (e.g. YELLOW II Transport Index and dimensional (Insection will debug and Insection) 	I)L		
 Transport Index and dimensions (Length x Width x Height) for Category II and Category III only [10.8.3.9.3, Step 9] 			
18. For Fissile Material the Criticality Safety Index or the words "Fissile Excepted"			
[10.8.3.9.3, Step 9]			П
AUTHORIZATIONS			
 If relevant, ID marks shown and a copy of the document in English attached to DGD for the following [10.8.3.9.4, Step 10; 10.5.7.2.2]: 			
- Special Form approval certificate			
– Special Form approval certificate			
 Type B package design approval certificate 			
 Other approval certificates as required 			
20. Passenger aircraft authorization statement noted (medical use only) USG-10			
21. Additional handling information [10.8.3.11]			
22. Is the 24 hour emergency telephone number entered when applicable? 172.604(d)			
23. Is the name, place and date shown and the document signed legibly?			
[10.8.3.13; 10.8.3.14; 10.8.3.15]	🗆		
24. Amendment or alteration signed by Shipper [10.8.1.7]			
25. Is the ICAO drill code (ERG) number entered? NAC requirement only and if not			
present, enter it now	🗆		



				Air	Waybill	No. 000-000	0-0000		
	Hazmat Class								
	123 Main St			Pag	e 1	of 1 Pag	ges		
	Anytown US 00	0000		Ship	opers Re	ference Number			
						(optional)			
Consignee	9								
	Hazmat Redux								
	987 Other St								
	Othertown US	00000							
Two comple	ted and signed copies	of this declaration	must he	14/0	RNING				
	he operator		must be		RIVING				
TRANSPO	ORT DETAILS				Failure	to comply in all r	espects wit	h the app	olicable
20	nent is within the	Airport of Depa	rture:			erous Goods Reg		1000	
	s prescribed for:	Anahara			of th	e applicable law,	subject to le	egal pena	alties.
aelete non-	applicable)	Anchora	ge, AK						
	CARGO AIRCRAFT								
	ONLY								
				Ship	oment ty	/pe: (delete non-applic	able)		
Airport of I	Destination:	Honolulu, HI				RADIOA	CTIVE		
UN Or	Dangerous Go Proper Shipp	oods Identification	Class or	Sub- sidiary	Packing	Quantity a type of pack		Packing Inst.	Author- ization/ ERG#
UN		ping Name			Packing Group	a second from the second second second			ization/ ERG# USA/9296/ B(U)-96 Type B
UN Or ID NO. RQ UN	Proper Ship	ping Name	or Division	sidiary		type of pack Iridium-192 Special Form 1 Type B(U) pac 1050.0 GBq	ckage X	II Yellow T.I. 0.2 Dim	ization/ ERG# USA/9296/ B(U)-96 Type B
or ID NO. RQ UN	Proper Ship	ping Name	or Division	sidiary		type of pack Iridium-192 Special Form 1 Type B(U) pac	ckage X	llst. II Yellow T.I. 0.2	ization/ ERG# USA/9296/ B(U)-96 Type B Certification USA/0335/S Special Form
UN Or ID NO. RQ UN 2916	Proper Ship	oing Name rial e	or Division 7 E 7L	sidiary Risk	Group	type of pack Iridium-192 Special Form 1 Type B(U) pac 1050.0 GBq OVERPACK USE	ckage X	II Yellow T.I. 0.2 Dim 50cm x 50cm x 50 cm	USA/9296/ B(U)-96 Type B Certification USA/0335/S Special Form Certification
UN Or ID NO. RQ UN 2916	Proper Ship Radioactive mate Type B(U) Packag Handling Informat	rial e	or Division 7 E 7L 24 Hr. En	sidiary Risk	Group	type of pack Iridium-192 Special Form 1 Type B(U) pac 1050.0 GBq OVERPACK USE	ckage X D	II Yellow T.I. 0.2 Dim 50cm x 50cm x 50 cm	USA/9296/ B(U)-96 Type B Certification USA/0335/S Special Form Certification
UN Or ID NO. RQ UN 2916 dditional	Proper Ship Radioactive mate Type B(U) Packag Handling Informat	rial e	or Division 7 7 E 7L 24 Hr. Er onsignmen	sidiary Risk nergenc t are fu	Group cy Contac	type of pack Iridium-192 Special Form 1 Type B(U) pac 1050.0 GBq OVERPACK USE	ckage X D	II Yellow T.I. 0.2 Dim 50cm x 50cm x 50 cm	USA/9296/ B(U)-96 Type B Certification USA/0335/S Special Form Certification
UN Or ID NO. RQ UN 2916 dditional	Proper Ship Radioactive mate Type B(U) Packag Handling Informat eclare that the con described above	rial e cion DRILL COD ntents of this co by the proper	or Division 7 7 E 7L 24 Hr. En onsignmen shipping r	sidiary Risk nergenc t are fu	Group cy Contac	type of pack Iridium-192 Special Form 1 Type B(U) pac 1050.0 GBq OVERPACK USE OVERPACK USE	ckage X D <u>1-800-(</u>	II Yellow T.I. 0.2 Dim 50cm x 50cm x 50 cm	USA/9296/ B(U)-96 Type B Certification USA/0335/S Special Form Certification
UN Or ID NO. RQ UN 2916 dditional	Proper Ship Radioactive mate Type B(U) Packag Handling Informat	ing Name rial e ion DRILL COD ntents of this co by the proper d and labeled/j	or Division 7 7 E 7L 24 Hr. En onsignmen shipping r placarded,	nergeno t are fu ame, a and ar	Group cy Contac illy and and are re in all	type of pack Iridium-192 Special Form 1 Type B(U) pac 1050.0 GBq OVERPACK USE	ckage X D	II Yellow T.I. 0.2 Dim 50cm x 50cm x 50 cm	USA/9296/ B(U)-96 Type B Certification USA/0335/S Special Form Certification





EXAMPLE



Air Waybill Number:

May or may not be present at time of acceptance. Is not a problem if not shown, one will be assigned. Note an N/A option on checklist.



Shipper:

Enter full name and address of the shipper Consignee:

Enter full name and address of the recipient

Page of pages

	5
Y	-7

The current page number and the total number of pages. (e.g. Page 1 of 2 Pages & Page 2 of 2 Pages *if more than one page)*



Shipment Type:

Delete "NON-RADIOACTIVE" for shipments that contain radioactive material (as shown).

Transport Details:

Delete "Passenger and Cargo Aircraft" (for shipments which must travel on Cargo Aircraft Only) as shown.

Delete "Cargo Aircraft Only" (for shipments which may travel on either Passenger or *Cargo aircraft)* – (must be for use in or incident to research, medical diagnosis, or treatment).

Airport of Departure: Full name of the airport or city of departure.

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Airport of Destination:

Full name of the airport or city of destination.



UN Or ID NO.	Proper Shipping Na	me Class or Division	Sub- sidiary Risk	Packing Group	Quantity and type of packaging	Packing Inst.	Author- ization/ ERG#
RQ UN 2916	Radioactive material Type B(U) Package	7			Iridium-192 Special Form	ll Yellow	USA/9296/ B(U)-96 Type B Certification
					1 Type B(U) package X 1050.0 GBq	T.I. 0.2 Dim	USA/0335/S Special Form Certification
9a 9f	9b	9c	9d	9e	OVERPACK USED	50cm x 50cm x 50 cm	19
		EXAMPLE				16-1	8



UN or ID Number:

List the identification number assigned to the radioactive proper shipping name. These numbers are preceded by "UN."



Proper Shipping Name:

Radioactive description designated as a Dangerous Good. Spelling must be as shown in the Dangerous Goods table.



Hazard Class:

List the designation of the radioactive hazard class corresponding to each proper shipping name.



Subsidiary Risk:

Additional label codes are indicating a subsidiary hazard.



Packing Group:

Packing groups assigned to a material corresponding to the proper shipping name and hazard class of the material. *See IATA figure 10.8.E*



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RQ – Reportable Quantity:

Acronym used for a hazardous substance. Shipper must place on document if it meets the requirement.

Name and/or Symbol of Radionuclide(s):

Block to include radionuclide (*Example above* Iridium-192) or "IR-192"



Description of Form:

Description of the physical and chemical form of the material (solid, gas, liquid or special form). Sometimes the form is noted in the proper shipping name. A generic chemical description is acceptable for chemical form.



Number, type of packages and activity:

Example above – (**1 type B(U) & 1050.0 GBq**). Activity will be noted in MBq or GBq or TBq.



All Packed in One:

If more than one radioactive type is packed in the same package, it must be noted on the shipper's declaration as "All packed in one."

OVERPACK:

If shipment is overpacked, "**OVERPACK**" must be noted on the shipper's declaration. Multiples must be identified.

Category

Locate on the shipper's declaration the category (*Example above* **II-Yellow**)



Transport Index and Dimensions

Locate on the shipper's declaration the transport index (Example above **T.I. 0.2**) and dimensions (Example above **50cm x 50cm x 50cm**).



Fissile Shipments:

Material capable of fission. A fissile shipment (U or Pu) will be noted with the PSN and may have a "*Criticality Safety Index*" or "*Fissile Excepted*." Approval certificates are

Authorization(s):

Supplemental information for the shipment and will include; (*Example above* certifications), special permits, competent authorities and other approvals.





Additional Handling Information DRILL C	24 Hr. Emergency Contact Telephone No.	1-800-0000 (22)
	is consignment are fully and Name/Title of Si	
classified, packaged, marked abele	ed/placarded, and are in all Place and Date	Anchorage Aug 05, 2023
international and national governmenta all of the applicable air transport require	al regulations. I declare that ements have been met. Signature (See warning above	, John Doe





Additional Handling Information:

Where any special handling information that is relevant to the shipment will be listed here.

For radioactive materials covered by a Competent Authority (CA) it will include:

- Any special stowage provisions;
- A Type B(M) package that no special controls are required;
- Any restrictions on the type of aircraft and routing instructions;
- Emergency arrangements appropriate for the shipment.



24 Hour Emergency Contact

Telephone Number – If a dangerous good is being offered, a telephone number must be provided in the event of an emergency involving the dangerous good. This number must include area code or the international access code. Name and Title of Signatory – Enter legibly the name and title of the person signing the Shipper's Declaration.



Place and Date:

The place and date is entered to indicate where and when the document is signed.

Sign the document - A typewritten signature is permissible under 49CFR but must be handwritten/facsimile under IATA.

-	_
_	

Emergency Response Drill Code:

This is also a common area we will place our company specific Emergency ICAO Drill Code (*example above* **DRILL CODE 7L**).



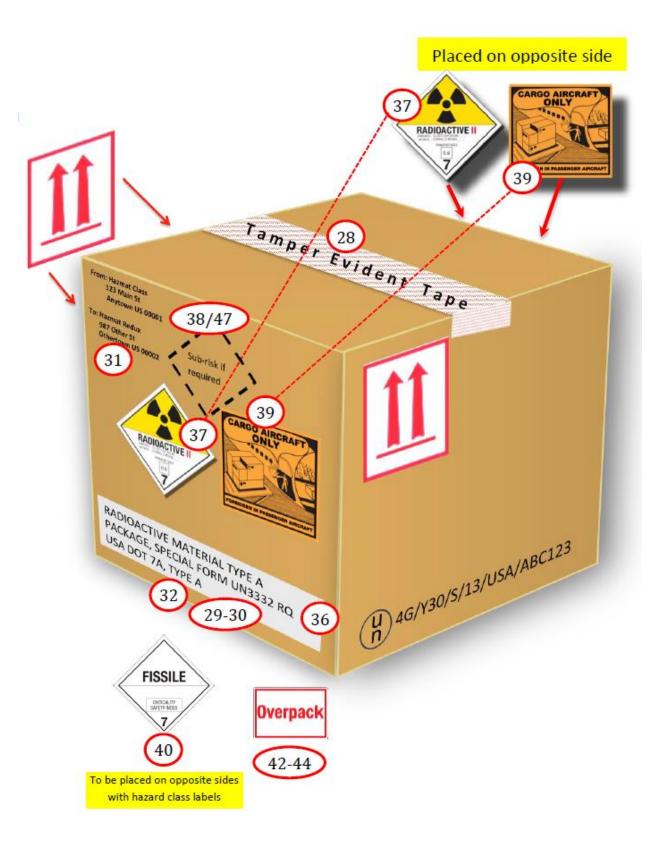
Page 2 of 2

We'll be using the RADIOACTIVE CHECKLIST again for page two of this document covering packaging, marking and labeling.

The left side of the checklist is for the Package (*shown below*) and is what we will be using along with the numbers listed here to point out areas on the shipment you need to verify.

PACKAGE(S) AND OVERPACK(S)					
26. Does the number of packages or overpacks agree with number of items offered for inspection?		NO	N/A		
27. Does the type of package correspond with the type shown on the declaration?					
28. Unbroken transportation seal [10.6.2.4.1.2] and package in proper condition	_	-			
for carriage [9.1.3; 9.1.4]					
MARKINGS					
29. The UN Number [10.7.1.3.1]	. 🗆				
30. The Proper Shipping Name [10.7.1.3.1]					
31. The full Name and Address of the Shipper and Consignee [10.7.1.3.1]		$\overline{\Box}$			
32. The permissible gross weight if it exceeds 50 kg [10.7.1.3.1]	. 🗆				
33. Type A packages, marked as per 10.7.1.3.4	. 🗆				
34. Type B packages, marked as per 10.7.1.3.5	. 🗆				
35. Type C packages, Industrial Packages and packages containing Fissile material marked					
as per 10.7.1.3.6, 10.7.1.3.3 or 10.7.1.3.7					
36. If "RQ" is present on the declaration, is it shown on the package?	🗆				
LABELING					
37. Two correctly completed Radioactive Hazard labels on opposite sides [10.7.3.3; 10.7.4.3.1]	🗖				
38. Applicable label(s) identifying the Subsidiary [10.7.3.2; 10.7.4.3]		ŏ			
39. Two Cargo Aircraft Only labels, if required, on the same surface near the		_			
Hazard labels [10.7.4.2.4; 10.7.4.3.1; 10.7.4.4.1]					
40. For fissile materials, two correctly completed Criticality Safety Index (CSI) labels	_	_	_		
on the same surface as the hazard labels [10.7.3.3.4; 10.7.4.3.1]	Ц				
41. All displayed labels correctly located, affixed, and irrelevant marks and labels	_	-			
removed or obliterated [10.7.1.1; 10.7.2.1; 10.7.4]	LI				
OVERPACKS					
 Packaging markings as required must be clearly visible or reproduced on the outside of the overpack [10.7.1.4.1] 	□				
43. If more than one overpack is used, identification marks shown [10.7.1.4.2]	🗆				
44. Hazard labels reflect total for overpack [10.7.3.4]	🗆				
GENERAL					
45. State and Operator variations complied with [2.8]	🗆				
46. Cargo Aircraft Only shipments, a cargo aircraft operates on all sectors	🗆				
47. Packages containing Carbon dioxide solid (dry ice), the marking, labeling and documentary					
requirements complied with [Packing Instruction 954; 7.1.5.1 (d); 7.2.3.9]	🗆				









Transportation Seal:

May be tamper evident tape (TET), a lead and wire crush seal or even a padlock with TET.



UN Number:

Ensure the same UN number on the shipper's declaration is placed onto the package.



Proper Shipping Name:

Ensure the same proper shipping name on the shipper's declaration is placed into the package.



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Name and Address:

Full name and address of the shipper and consignee.



When a radioactive shipment weights more than 50kg (110 lbs.) gross, the weight must be noted on the outside of the package.

Package Type:

Particular package type noted on the shipper's declaration agrees with the package type marked on the package being offered.

RQ (Reportable Quantity):

If "RQ" is noted on the shipper's declaration, must be on the package next to the proper shipping name.



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Hazard Class Label (Radioactive):

Two radioactive labels are required on the package. One must be placed on the same side with the markings noted previously and the other placed on the opposite side of the package *(see example)*.

Subsidiary Class Label:

If noted on the shipper's declaration, a subsidiary class label must be placed onto the package next to the markings and hazard class label. Only one is required.



Cargo Aircraft Only Label:

Two Cargo Aircraft Only labels are required when applicable. One must be placed on the same side with the markings noted previously and the second label placed on the opposite side of the package (*see example*).



Fissile Materials:

Fissile materials will be noted on the shipper's declaration as well as the package. If present, verify the appropriate label (known as a Criticality Safety Index (CSI)) is present on both sides of the package next to the hazard class labels.



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Labels Display:

Make sure all labels are correctly displayed and irrelevant, old marks/labels have been removed.

Overpacks:

Ensure when an overpack is offered; all markings and labels are present on the outside of the overpack.

If more than one overpack is used, there must be marks indicating each overpack (e.g. **1A, 1B**).



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State and Operator Variations:

Governmental and/or airline restrictions on a radioactive shipment found in IATA 2.8.

Cargo Aircraft Only – All Sectors:

When a cargo aircraft only radioactive shipment is offered, make sure cargo aircraft service all destinations.

Carbon Dioxide with Radioactive:

Make sure the marking, labeling and documentation requirements have been satisfied.