

RPR 55B – QA Checklist UN2910 Shipment by Aircraft

Shipment number: _____

Shipment Date: _____

Shipper: _____

1. _____. Ensure the material to be shipped does not meet the definition of any other hazard class and is not a hazardous waste.
2. _____. Ensure the package meets the general design requirements of IATA 10.6.0 and 10.6.1.
3. _____. Ensure the radioactive contents meet the limits of IATA Table 10.3.C specifically less or equal to 10^{-3} A2 for normal form solids and gases and 10^{-4} A2 for normal form liquids.
4. _____. Ensure the material is fissile excepted in accordance with IATA 10.3.7.2.
5. _____. Package the material according to the manufacturer instructions.
 - Either the container or a 95 kPa bag must be used to meet the pressure requirement of 10.6.1.3. Drums rated for liquids will give a pressure test rating in association with the UN specification marking.
6. _____. Mark the inner or outer package “Radioactive”, depending on package setup.
7. _____. Label the package with the Radioactive Material Excepted Package Label (IATA 10.7.8.A) with UN2910.
8. _____. Perform a shipment survey on the package as specified in RS-08, Section 8.10.
 - Combined dose rate on contact with the package must be less than 0.5 mrem/hr.
 - The non-fixed contamination on the exterior of the package must not exceed the limits specified in IATA 10.5.3.2, 7200 dpm beta-gamma per 300 cm² and 720 dpm per 300 cm² alpha.
9. _____. Mark the package as follows (IATA 10.7.1.3.2).
 - UN Number on Excepted Package Label.
 - Full name and address for the shipper and consignee.
 - Permissible gross weight if the gross weight exceeds 50 kg.
10. _____. Ensure the following is recorded on the FedEx Airbill (non-hazardous substance). IATA 10.8.8.3

- Enter the name and address of the shipper and consignee in the form and to sections of the Airbill.
- Enter “UN2910, Radioactive material, excepted package, limited quantity of material” in the Your Internal Billing Reference section.
- Under Special Handling check the box “Yes Shipper’s Declaration not required” under, Does this shipment contain dangerous goods?
- Enter the Total Packages at the bottom of the Airbill.

11. _____. If the material is a hazardous substance (RQ fraction is greater than or equal to 1) perform the necessary steps.

- Mark the package “RQ”.
- On the Airbill, check Yes As per Attached Shippers Declaration box under Special Handling Instructions. Do not enter UN number and proper shipping name in the Your Internal Billing section.
- Prepare a Dangerous Goods Declaration including the following information.
 - Shipper and Consignee name and full address. IATA 10.8.3.1 and 10.8.3.2.
 - Page X of Y.
 - XXX out Cargo Aircraft Only IATA USG-10.
 - “RQ UN2910” under UN or ID No. IATA USG-04.
 - XXX out Non-Radioactive IATA 10.8.3.8
 - “Radioactive Material, Excepted Package – Limited Quantity of Material” under Proper Shipping Name. IATA 10.8.3.9.1
 - “7” under Class or Division. IATA 10.8.3.9.1.
 - Dims (L) XX x (W) XX x (H) XX under Packaging Inst.
 - 24 – hour emergency response phone number under Additional Handling Information. IATA 2.8
 - Name, Signature of the shipper, Place, and Date at the bottom of the page.
- Provide three signed copies of the red-hatched Dangerous Goods Declaration and Emergency Response Guide 161 in the sleeve with the Airbill.

Reviewed by: _____