

# Transportation Safety & Operations Compliance Assurance Program Self-Assessment Review Document

## 3. Hazardous and Radioactive Materials Shipper

**Standard:** Shipping of all classes and divisions of hazardous materials (including radioactive) and waste shipments are conducted in a consistent and accountable manner, following approved procedures, in compliance with requirements of applicable international, federal, state, tribal, and local laws, rules, and regulations and DOE Orders and policy.

**References:** 40 CFR 262 and 263; 49 CFR 107 and 172-178; DOE Orders, Implementation Guides, and CRDs for 460.1B

Self-Assessment/Evaluation Actions	Response			Comments  (Specify where found in Site procedures)
	Y	N	N/A	
<b>A. GENERAL QUESTION SECTION</b>				
1. Do the following DOE Orders apply to your contract?				
a. DOE Order 460.1B, Packaging and Transportation Safety				
b. DOE Order 460.2, Departmental Materials Transportation and Packaging Management				
<i>If you have answered "Yes" to either of the questions above, please answer all the appropriate questions in the following sections.</i>				
2. Are you making the following hazardous materials shipments?				
a. Explosives Class 1 other than ORM-D				
a. Hazardous material classes 2-6, 8 & 9				
b. Radioactive material Class 7				
c. Hazardous waste (e.g. RCRA, TSCA, state-regulated, etc.)				
d. Mixed hazardous waste				
3. Are you shipping under any DOT exemptions?				
4. Are TDG Regulations and/or IMDG Code and/or ICAO technical instructions being used to prepare foreign or domestic shipments as allowed in 49 CFR 171.11, 12, and 12(a)?				
5. Is the contractor registered as a hazmat shipper with RSPA [49 CFR 107.601]?				
6. Is the contractor registered as an EPA Waste Generator [40 CFR 262.12]?				
7. Are you shipping radioactive materials to non-governmental facilities?				
a. Are the facilities NRC licensees (if required)?				

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b. Are you complying with NRC requirements, as applicable, when shipping to NRC licensees (non governmental)?				
8. Do you verify hazardous materials are loaded and stored in accordance with segregation and separation requirements [49 CFR 173.30 and 177.848]?				
9. Do you ship environmental samples to offsite laboratories? If yes, please complete 9a and 9b.				
a. Is there a system in place to determine whether the environmental samples are DOT-regulated?				
b. Do you utilize the Materials of Trade exception in your environmental sampling process [49 CFR 173.6]?				
10. If in question, do you verify that a viscous material for which a specific melting point cannot be determined must be subject to the procedures specified in ASTM D 4359 "Standard Test Method for Determining Whether a Material is Liquid or Solid. [CFR 49 171.8 (see 171.7)]?9.				
11. Are transport vehicles containing Class 7 (radioactive materials) shipments surveyed <i>prior to release</i> of an Exclusive Use Shipment to assure that radiation/contamination levels do not exceed the requirements of 49 CFR 173.441, 173.443 and 177.843?				
<b>B. SHIPPING PAPERS (including Emergency Response Information Requirements) [49 CFR Part 172 Subpart C]</b>				
1. Does the basic description of all hazardous materials shipping papers conform to requirements of 49 CFR 172.202?				
2. For radioactive material (Class 7) shipments, is required information shown on shipping papers (49 CFR.203(d)(1) through (10)?				