

11.0 Description of Quality Assurance Program for Type B Quantity Shipments of Radioactive Material

11.1 Organization

- a. High Mountain Inspection Service, Inc. pursuant to 10 CFR 71.12 and 10 CFR 71.51(a) is responsible for a QA program for Type B quantity shipments and transportation of radioactive material. Fabrication and design of Type B packages are not included.
- b. The organization structure in Section 8.0 is applicable.
 - 1) The Radiation Safety Officer is responsible for administration of the program, training of personnel, procurement of manufacturer's certifications, maintaining packaging and shipping documents, retention of records and program audits.
 - 2) Radiographers are responsible for handling, storing, shipping and transporting radioactive packages in accordance with the procedures in Section 5.0; and they are responsible for inspections, surveys and maintenance reports in accordance with the procedures in Section 5.0.

11.2 Quality Assurance Program

- a. Radiographers are trained in their responsibilities above according to Section 6.0.
- b. The QA program will be viable, requiring management approval, and the program encompasses specific requirements stated in the package approval for use, and general radiation safety and shipping requirements.
- c. Manufacturer's certification will be requested and maintained on all NRC Type B packages manufactured and procured after January 1, 1979.

11.3 Document Control

- a. Packaging, shipping, inspecting and handling instructions from the manufacturers shall be maintained for each model Type B package.
- b. The RSO shall insure that the shipment and transportation of Type B packages is conducted in accordance with the above documents.

11.4 Handling, Shipping, Transporting and Storage

- a. Radiography personnel will handle, ship, transport and store radioactive packages in accordance with the procedures in Section 5.0.
- b. Radiography personnel will determine the completeness of package inspections and presence of manufacturer's certifications before shipment.

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11.5 Inspections, Surveys and Maintenance Reports

- a. Inspections, surveys and maintenance reports on Type B packages will be made in accordance with Section 5.0 procedures.
- b. Quarterly inspection and maintenance of Type B packages will be performed by the RSO as outlined in Section 8.0.

11.6 Quality Assurance Records

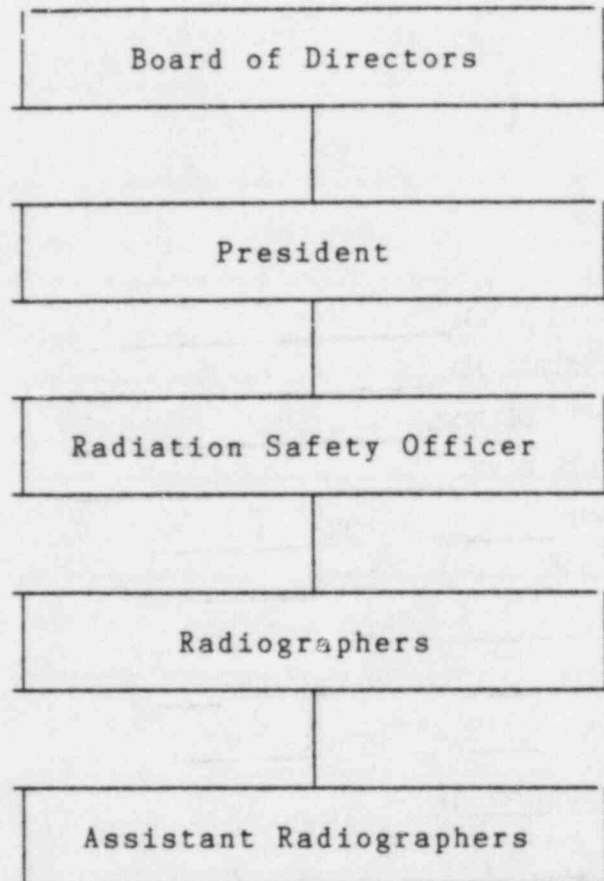
- a. Utilization logs, shipment records, package surveys and quarterly inspection records will be maintained as specified in Sections 5.0 and 8.0.
- b. Training records are maintained in accordance with Section 6.0.
- c. Procedures and instructions for equipment and packaging are maintained by the Radiation Safety Officer.

11.7 Audits

- a. Quarterly audits of the entire radiation safety program are performed in accordance with Section 7.0.
- b. The quarterly audits include the necessary checks on the QA program as outlined in Section 8.0.
- c. Any deficiencies revealed by the audits are corrected in accordance with section 8.0.

HIGH MOUNTAIN INSPECTION SERVICE, INC.
Casper, Wyoming

ORGANIZATIONAL CHART



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DESCRIPTION:

application for
QA Program
Approval

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