

THE *P*ARKER INDUSTRIAL X-RAY LABORATORY CORP.

272 GOVERNOR STREET, EAST HARTFORD, CONNECTICUT 06108
P.O. BOX 8505 • TELEPHONE: (203) 289-7787 • FAX: (203) 289-4888

Rev. 0

Dated: 22 July 1979

QUALITY ASSURANCE PROGRAM FOR SHIPPING RADIOACTIVE SEALED SOURCES

1. Introduction and Organization

The Parker Industrial X-Ray Corporation is a user of sealed sources of by-product material for Industrial Radiographic Inspection at its plant located at 272 Governor Street, East Hartford, CT. In all cases, sealed sources are being used in Radiographic Exposure Devices and shipping containers approved by N.R.C.

The General Manager has the responsibility for the organization adherence of the Quality Control requirements and is delegated to assure compliance with the requirements of the Quality Assurance Program.

The Radiation Protection Officer is responsible for overall administration of the program, training and certification document control and auditing.

Radiographic personnel trained and certified by the Radiation Protection Officer may be delegated to assist in shipping, storing and records keeping duties involved in shipments of by-product material.

II. Quality Assurance Program

The Radiation Protection Officer shall assure that all radioactive material shipping containers are designed and manufactured under a Q. A. Program approved by N.R.C. for all packages designed or fabricated after 1 July 1978. This requirement is satisfied by receipt and retention of appropriate certificates of compliance (N.R.C. - 618). He will additionally implement a Q. A. Program to assure that all safety related precautionary measures are complied with. The status and adequacy of the program will be reviewed on an annual basis. Major emphasis will be placed on specific safety controls related to preparation and shipment of sealed sources.

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Page 2

III. Document Control

All documents relating to the receipt, disposition and transfer of sealed sources will be controlled through established procedures. Document changes will be initiated according to written procedures. The R. P. O. is responsible to assure that all Q. A. functions are conducted in accordance with latest applicable documents.

IV. Handling, Storage and Shipping

The use, storage and shipment of sealed sources will be controlled by established procedure. Shipments prepared for transport will be made in accordance with required tests, surveys, certifications and packaging procedures.

All personnel assisting in the critical handling, storage and shipping operations will be trained and certified by the Radiation Protection Officer.

V. Inspection, Tests and Operating Status

Procedures are established to inspect, test and operate radiographic devices. Logs, labels and tags will be used to clearly indicate the status of these functions. Radiographic personnel shall perform the regulatory required inspections and tests, in accordance with written procedures. The R.P.O. shall ensure that these functions are performed.

VI. Quality Assurance Records

Utilization logs and records of inspections, test, audits, personnel training and shipments will be maintained in accordance with regulatory requirements. These records will be maintained in accordance with written procedures. They will be identified and retrievable. A list of these records with storage locations will be maintained.

VII. Audits

Audits will be conducted at a frequency dependent on the safety significance of the activity being audited. Each activity will be audited at least once per year. Audit reports will be maintained as part of the Q. A. records. The auditor shall have no responsibility in the Q. A. Department. Results of audits will be reviewed and evaluated by the General Manager. Deficiencies will be recorded and assigned for corrective action.

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Page 3

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LAB. MGR.
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RADIOGRAPHY
PERSONNEL