

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Quality Testing Services, Inc. 2305 Millipark Drive Maryland Heights, MO REPORT NUMBER(S) 03035610/2012-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-35610	4. LICENSE NUMBER(S) 24-32292-01	5. DATE(S) OF INSPECTION October 25, 2012
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6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS 03.01-.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3320	2. PRIORITY 1	3. LICENSEE CONTACT Scott Zimmer, RSO	4. TELEPHONE NUMBER (314) 770-0607
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Main Office Inspection Next Inspection Date: 10/25/2013

Field Office Inspection

Temporary Job Site Inspection Work was not being conducted at temporary job sites

PROGRAM SCOPE

This licensee was a small testing company that employed approximately 40 individuals (5 radiographers and 2 assistants) and offered NDT services. The licensee was authorized to perform industrial radiography at temporary job sites and at its facility in a shielded vault. The vault has not been approved as a permanent radiographic installation and the licensee applies the same safety requirements as a temporary job site. The company owned 3 AEA Technology 660B cameras with only two containing Ir-192 sources. The licensee also possessed an 880 delta camera without a source. The licensee was also authorized to perform radiograph using Co-60, Se-75 and Yb-169, but did not possess this material at the time of the inspection. The licensee also possessed a Cs-137 sealed source in an instrument calibrator for calibration of survey instruments. The licensee had last performed radiography on October 10, 2012 and did not have a work scheduled. The licensee performs radiography sporadically a few days each month.

PERFORMANCE OBSERVATIONS

The inspector discussed source receipt, source exchange, daily equipment checks, and radiographic operations, including the use of proper dosimetry, establishment of the 2 mr/hr line, surveys and source control with licensee staff. The inspector reviewed dosimetry records, daily use logs, quarterly inventory, leak test records for the sources and depleted uranium, instrument calibration, alarming rate meter and pocket chamber dosimeter calibrations, training, and audits of radiographers. The inspector interviewed the only radiographer present and verified that he possessed a current radiography card indicating that he had received appropriate training. The individual demonstrated daily equipment checks and daily alarming rate meter checks. The inspector reviewed the licensee's in-house calibration program for its survey instruments and pocket chamber dosimeters with no issues identified.

The inspector reviewed the licensee's inventory of sources and noted the source strengths were below those tracked in the National Source Tracking System. Dosimetry records indicated the maximum whole body dose received was 581 mrem for 2011. Independent surveys were performed of select radiography exposure devices and the licensee's storage location with measurements comparable to the licensee's measurements.

No violations were identified.