

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Quality Testing Services  
2305 Millpark Drive  
Maryland Heights, MO 63043

REPORT NUMBER(S) 12-001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-35610

4. LICENSE NUMBER(S)

24-322292-01

5. DATE(S) OF INSPECTION

January 24, 2012

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ken Lambert	<i>Ken Lambert</i>	2/14/12
BRANCH CHIEF	Tamara Bloomer	<i>T. Bloomer</i>	2/14/12

**Docket File Information****SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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6. INSPECTION PROCEDURES USED

97121

7. INSPECTION FOCUS AREAS

3.01-3.07

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

3320

2. PRIORITY

1

3. LICENSEE CONTACT

Scott Simmer, RSO

4. TELEPHONE NUMBER

(314) 770-0607

☒ Main Office Inspection

Next Inspection Date: January 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 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 shield 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 660B cameras with only two containing Ir-192 sources. 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 completed a month long daily radiography at a temporary job site and did not have any additional radiography scheduled for the next several weeks.

**PERFORMANCE OBSERVATIONS**

The inspectors observed or discussed source receipt, source exchange, daily equipment checks, and radiographic operations, including the use of proper dosimetry with licensee staff. The inspectors reviewed dosimetry records, daily use logs, quarterly inventory, leak test records, instrument calibration, and audits of radiographers. The inspectors interviewed several radiographers, who provided their radiography cards indicating that they had received appropriate training. The inspectors reviewed the licensee's in-house calibration program for its survey instruments and pocket chamber dosimeters with no issues identified.

The inspector confirmed the licensee's inventory data was in accordance with the data 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.