

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Cal Testing Services, Inc. d/b/a Calumet Testing Services
1945 N. Griffith Blvd.
Griffith, IN 46319

REPORT NUMBER(S) 2019002

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-10856

4. LICENSE NUMBER(S)

13-16347-01

5. DATE(S) OF INSPECTION

9/16/19

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	Robert G. Gattone, Jr.	<i>Robert G. Gattone, Jr.</i>	09/30/2019
BRANCH CHIEF	Aaron T. McCraw <i>Robert Ruiz for</i>	<i>[Signature]</i>	10/01/2019

Docket File Information
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3. DOCKET NUMBER(S) 030-10856	4. LICENSE NUMBER(S) 13-16347-01	5. DATE(S) OF INSPECTION 9/16/19	
6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS All		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03320	2. PRIORITY 1	3. LICENSEE CONTACT John Korienek, RSO	4. TELEPHONE NUMBER (219) 923-9800
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 09/16/2020			
<input type="checkbox"/> Field Office Inspection _____			
<input type="checkbox"/> Temporary Job Site Inspection _____			

PROGRAM SCOPE

The licensee was a non-destructive testing company authorized to use radioactive material for industrial radiography in Griffith, Indiana, and at temporary job sites throughout NRC jurisdiction. The licensee stored radiographic exposure devices at their main location and occasionally conducted radiographic operations in a vault on the premises. The licensee employed 7 radiographers and 2 radiographer's assistants. The licensee had a QSA Global Model 680B camera containing a cobalt-60 sealed source. In addition, the licensee had five QSA Global Model 880 Delta cameras containing iridium-192 sealed sources. The cameras were dispatched from the Griffith office only. During the inspection, there were no licensed activities conducted.

The inspector: (1) reviewed selected documents showing qualifications for several radiographers; (2) observed the permanent radiographic installation (PRI), and it was as per the diagram; (3) used an NRC calibrated survey instrument to conduct an independent ambient exposure rate survey at the surface of a Model 880 Delta camera containing an iridium-192 source, and the survey result was 55 milliRoentgens per hour; (4) observed a demonstration of how a radiographer conducted radiography in the PRI, based on a scenario from the inspector; (5) noted that there were no incidents since the previous inspection; (6) reviewed the licensee's utilization log; (7) reviewed selected records of radiographers and radiographer's assistants audit records; (8) reviewed dosimeter records for 2018 and 2019 (through 8/31) and the whole body doses were well below the occupational dose limit; (9) observed a radiographer demonstrate how he had conducted radiography at a temporary job site including testing a calibrated RA-500 alarm ratemeter, and zeroing the calibrated direct reading dosimeter (DRD), and how he would respond to an alarm ratemeter alarm; (10) observed a radiographer demonstrate how he would respond to a source stuck out of the camera without shielding based on a scenario posed by the inspector; (11) noted that selected RA-500 alarm ratemeters were calibrated; and (12) noted that selected DRDs were calibrated.

No findings of significance were identified.