

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Cal Testing Services, Inc.  
d/b/a Calumet Testing Services  
1945 North Griffith Boulevard  
Griffith, IN 46319

REPORT NUMBER(S) 2016-001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-10856

## 4. LICENSE NUMBER(S)

13-16347-01

## 5. DATE(S) OF INSPECTION

Apr. 25 - May 13, 2016

## 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:

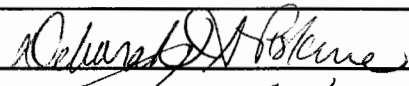
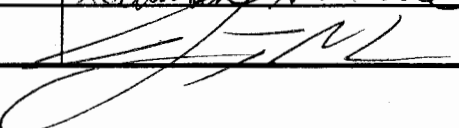
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Deborah A. Piskura, Senior Health Physicist		5/13/16
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB		5/13/16

**Docket File Information**

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6. INSPECTION PROCEDURES USED

87121

7. INSPECTION FOCUS AREAS

03.01 - 03.07

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

03320

2. PRIORITY

1

3. LICENSEE CONTACT

John A. Korienek, RSO

4. TELEPHONE NUMBER

(219) 923-9800

☒ Main Office Inspection

Next Inspection Date: 5/13/2016

☐ Field Office Inspection

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This was a routine inspection that included a review of the licensee's corrective actions in response to escalated enforcement. The licensee was a small testing firm that employed 30 individuals (7 radiographers and 4 assistants) and offered NDE services (isotope, x-ray, mag particle, ultrasound, etc.). The majority of the licensee's activities were conducted at temporary job sites in Illinois and Indiana. Radiography was performed daily at temporary job sites using 2-man teams. The licensee was authorized to conduct radiography on its business property within the shielded pit; the licensee performed these operations under the provisions of Section 34.41(a).

This inspection was limited to a review of selected records, interviews with licensee personnel a tour of the facility and independent measurements. The inspector reviewed documents pertaining to utilization logs, radiographers' training and certifications, operating and emergency procedures, radiation safety program audits, and NRC Regulations. The inspector also reviewed selected records of dosimetry, equipment maintenance, and radiographers audits. At the time of this inspection, radiography was conducted at a job site outside of NRC's jurisdiction; the inspector was unable to conduct a field inspection. The inspector reviewed the licensee's corrective actions for a SL III violation of Section 34.47(a) involving a non-operational ARM identified during a field inspection. The licensee's corrective actions included: (1) immediately removing the nonfunctional ARM from service; (2) examining its entire inventory of ARMs and removing "old" units from service; and (3) instructing its personnel on daily equipment checks to verify the function of their assigned ARMs prior to performing radiographic operations. The inspector observed the licensee test a select sample of ARMs and noted that each unit functioned as required.

This inspection included in office review through May 13, 2016, in order to review documentation that was not readily available during the on-site inspection. The maximum TEDE dose (in millirem) to a radiographer was reported as:

2015	YTD 3/31/2016
1,388	791

No violations were identified during this inspection and the previous SL III violation is considered closed.