

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Construction Testing Services
3300 East Bristol Road
Burton, MI 48529

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)

030-14031

4. LICENSE NUMBER(S)

21-18680-01

5. DATE(S) OF INSPECTION

04/28/16, with in-office review
through 05/23/16

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	Ryan Craffey		5/24/16
BRANCH CHIEF	Aaron McCraw		5/24/16

Docket File Information

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6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Jack Geerlings, PE - RSO

4. TELEPHONE NUMBER

(810) 603-0766

- ☒ Main Office Inspection Next Inspection Date: 04/28/2021
- ☐ Field Office Inspection
- ☒ Temporary Job Site Inspection 601 N Grand Traverse Street, Flint, MI

PROGRAM SCOPE

This was an unannounced routine inspection of a materials testing, engineering and inspection company authorized to use portable moisture density gauges containing byproduct material at its facility in Burton, Michigan, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee had six authorized users trained to operate its Troxler 3400 series gauges, and routinely used these gauges at job sites as distant as Grand Rapids. The licensee had access to a survey meter via another company in the same line of work.

PERFORMANCE OBSERVATIONS: The inspector toured the facility in Burton to evaluate the licensee's measures for materials security, hazard communication and exposure control. The licensee maintained two barriers to secure gauges in storage at the facility, though at the time of the inspection, staff had bypassed one of these barriers to move equipment into the shop. The licensee maintained constant surveillance of the storage area during the the operation. After discussing the requirement and the potential challenges associated with relying on constant visual surveillance, the RSO decided to install an additional barrier to prevent a violation should there be a lapse in surveillance.

The inspector conducted independent surveys of the facility with all but one gauge in storage, and found no exposures to members of the public in excess of regulatory limits. The remaining gauge had been taken to a job site in Flint for the day. The inspector visited this job site, and found the gauge adequately secured, blocked and braced in the authorized user's vehicle (the gauge was not in use at the time). The inspector interviewed the authorized user, and found that he was knowledgeable of radiation protection principles and licensee procedures, and maintained dosimetry as required by license conditions. The inspector also reviewed a selection of records for leak tests and dosimetry while on-site, and reviewed additional dosimetry and hazmat training records during the period of in-office review. The inspector also confirmed during this period that the licensee had completed the installation of the additional barrier.

The licensee was previously cited in IR 03014031/2011001(DNMS) for violations concerning the conduct of recurrent hazmat training, and the monitoring of authorized personnel using dosimetry processed monthly. The inspector reviewed the circumstances of these violations, and found that the violations had not re-occurred since corrective actions were taken as described in the above-mentioned inspection report. Therefore, the NRC considers these violations to be closed. No other violation of NRC requirements were identified as a result of this inspection.