

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Andrews Material Testing Services
811 West State Street
St. Johns, MI 48879

REPORT NUMBER(S) 2019001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-31668

4. LICENSE NUMBER(S)

21-26172-01

5. DATE(S) OF INSPECTION

07/23/19, with in-office
review through 11/05/19

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	Ryan Craffey	<i>Ryan Craffey</i>	11/05/2019
BRANCH CHIEF	Robert Ruiz, Acting Chief <i>Geoffrey Warren for RR</i>	<i>GR</i>	11/5/19

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

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6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

FE 1-3, 6, 7

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Adam Andrews - RSO

4. TELEPHONE NUMBER

(989) 292-5622

☒ Main Office Inspection

Next Inspection Date:

TBD

☐ Field Office Inspection☐ Temporary Job Site Inspection**PROGRAM SCOPE**

This was an unannounced special inspection of a small construction testing company which had been authorized to store portable moisture density gauges at a facility in St. Johns, Michigan and to use them at temporary job sites in NRC jurisdiction. At the time of the last inspection in February 2016, the licensee had three Troxler 3400 series gauges. However, in November 2018, the NRC issued an order revoking this license for nonpayment of fees. Since then, the agency had been unable to contact the licensee's RSO, its sole employee. The scope of this inspection was therefore limited to making contact with the RSO, confirming the safe and secure storage of all material possessed under the license, and evaluating the licensee's compliance with the terms of the revocation order.

OBSERVATIONS: The inspector arrived at the authorized location in St. Johns and confirmed that the unit (one of four in a small office building) was still occupied and secured. Independent radiation surveys on the exterior of the building returned no readings distinguishable from background. The inspector interviewed neighboring tenants, who provided contact information for the property's landlord as well as a tip that the RSO still had relatives in the vicinity. The inspector called the landlord and left a message which was never returned, but was able to meet the RSO's relatives at their place of business. The relatives contacted the RSO, who then contacted the inspector.

The inspector met the RSO later that day at the St. Johns location, and confirmed that the licensee still possessed three gauges, all in good condition and secured behind at least two barriers. Independent surveys on contact with the gauges were consistent with profiles established by the manufacturer, adjusted for decay. The RSO stated that he had last used the gauges in August 2018, but since then had not kept the business active. However, he still maintained his lease on the unit through the end of 2019. The RSO also stated that he had recently been hired by another NRC licensee (Rowe Professional Services Company, docket no. 030-29228), and had secured a preliminary agreement for them to take possession of all three gauges, conditional upon on his completion of leak tests to confirm the integrity of the sealed sources, and upon formal approval by Rowe's board of directors, which met quarterly. The RSO intended to request termination of the revoked license shortly thereafter.

[continued on part 2]

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(Continued)

Following the on-site inspection, the inspector provided the RSO with a copy of the revocation order, and contacted Rowe Professional Services to confirm the preliminary agreement. The inspector also confirmed that Rowe would remain within the authorized possession limits on its license following the proposed transfer.

The RSO indicated during subsequent discussions that he intended to transport the gauges himself from the facility in St. Johns to Rowe's authorized location in Flint, Michigan. The inspector interviewed the RSO on the subject of hazardous materials transportation, specifically with regard to transporting portable gauges via public highway, and found him to be knowledgeable on the subject and adequately prepared to transport the gauges safely and in compliance with applicable USDOT requirements.

The RSO collected leak tests for all three gauges on August 8, 2019. The tests were then analyzed by a licensed service provider on August 26, 2019; all were negative. Rowe's board of directors approved the transfer at its next quarterly meeting, held the first week of October 2019. The RSO then transported the gauges to from St. Johns to Flint and officially transferred them to Rowe on October 13, 2019. The RSO forwarded documentation of the leaks tests and the transfer to the inspector. The inspector contacted Rowe to confirm the transfer, and provided the RSO with a copy of NRC Form 314 "Certificate of Disposition of Materials" for the purposes of requesting termination of the license.

No violations of NRC requirements were identified as a result of this inspection.