

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| | | | |
|--|---|---|--|
| 1. LICENSEE/LOCATION INSPECTED: Testing Engineers & Consultant, Inc. 1343 Rochester Road Troy, MI 48083 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) 030-14016 | 4. LICENSE NUMBER(S) 21-18668-01 | 5. DATE(S) OF INSPECTION June 28, 2019 to August 12, 2019 | |

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:


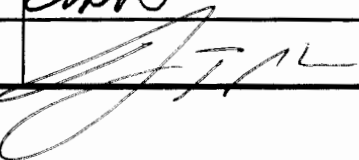
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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 | Luis Nieves Folch |  | 8/14/19 |
| BRANCH CHIEF | Aaron McCraw |  | 8/16/19 |

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| | |
|--|---|
| 1. LICENSEE/LOCATION INSPECTED: Testing Engineers & Consultant, Inc. 1343 Rochester Road Troy, MI 48083 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) 030-14016 | 4. LICENSE NUMBER(S) 21-18668-01 | 5. DATE(S) OF INSPECTION June 28, 2019 to August 12, 2019 |
| 6. INSPECTION PROCEDURES USED 87124 | 7. INSPECTION FOCUS AREAS All | |

SUPPLEMENTAL INSPECTION INFORMATION

| | | | |
|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S) 03121 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Thomas Killingsworth - RSO | 4. TELEPHONE NUMBER (517) 322-6450 |
|---------------------------------|----------------------|---|---|

- ☒ Main Office Inspection Next Inspection Date: August 1, 2024
- ☒ Field Office Inspection Varsity Drive, Ann Arbor, MI
- ☒ Temporary Job Site Inspection Thomas Edison Elementary School

PROGRAM SCOPE

This was a routine, announced inspection of a nuclear gauge licensee that possessed 39 gauges in Troy and 15 gauges in Ann Arbor, all Troxler 3400 series gauges that contained cesium-137 and americium-241/beryllium sources, for use daily/weekly during the construction season (May-November). The licensee employed 23 gauge users in Troy and four in Ann Arbor. The licensee did not perform any service or maintenance activities on its gauges; these services were performed by the manufacturer.

PERFORMANCE OBSERVATIONS

At the main location and field office, the licensee demonstrated how they keep the gauges under two physical barriers when not under surveillance. The licensee staff demonstrated an adequate level of understanding of emergency and handling procedures during interviews. The inspector reviewed records for leak tests, dosimetry, gauge manufacturer's training, hazmat training, inventories, and usage logs at the main location and field office.

At the temporary job site, the licensee demonstrated how to use the gauges, use ALARA practices in the field, and secure the gauges during transport or at the temporary job site. The licensee had the required shipping papers that contained all appropriate information and demonstrated how they are made accessible in the transport vehicle.

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