



## Materials Inspection Report

<b>1. Licensee/Location Inspected:</b> American Engineering Testing, Inc. 550 Cleveland Ave. North St. Paul, MN 55114 Locations Inspected: Sioux Falls, SD, and St. Paul, MN  <b>Report Number(s)</b> 2023001	<b>2. NRC/Regional Office</b>  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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<b>3. Docket Number(s)</b> 030-34637	<b>4. License Number(s)</b> 22-20271-02	<b>5. Date(s) of Inspection</b> March 21-22, 2023
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**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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
  - A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.  
 (Non-cited violation(s) was/were discussed involving the following requirement(s))
  
  - B. The following violation(s) is/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 AND DATE	
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Jason Draper, Health Physicist	Jason D. Draper	Digitally signed by Jason D. Draper Date: 2023.07.12 13:26:05 -05'00'
BRANCH CHIEF	Rhex Edwards		Digitally signed by Rhex A. Edwards Date: 2023.07.27 14:32:45 -05'00'



### Materials Inspection Record

<b>1. Licensee Name:</b> American Engineering Testing		<b>2. Docket Number(s):</b> 030-34637		<b>3. License Number(s)</b> 22-20271-02	
<b>4. Report Number(s):</b> 2023001			<b>5. Date(s) of Inspection:</b> March 21-22, with in-office review through July 12, 2023		
<b>6. Inspector(s):</b> Jason Draper		<b>7. Program Code(s):</b> 03320	<b>8. Priority:</b> 1	<b>9. Inspection Guidance Used:</b> IP 87121	
<b>10. Licensee Contact Name(s):</b> Justin Rost, RSO		<b>11. Licensee E-mail Address:</b> jrost@teamAET.com		<b>12. Licensee Telephone Number(s):</b> (651) 789-4653	

<b>13. Inspection Type:</b> <input type="checkbox"/> Initial		<b>14. Locations Inspected:</b> <input type="checkbox"/> Hybrid		<b>15. Next Inspection Date (MM/DD/YYYY):</b>	
<input checked="" type="checkbox"/> Routine	<input checked="" type="checkbox"/> Announced	<input checked="" type="checkbox"/> Main Office	<input checked="" type="checkbox"/> Field Office	03/21/2024	
<input type="checkbox"/> Non-Routine	<input type="checkbox"/> Unannounced	<input type="checkbox"/> Temporary Job Site	<input type="checkbox"/> Remote	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Extended
				<input type="checkbox"/> Reduced	<input type="checkbox"/> No change

**16. Location(s) Inspected List:**  
 Field Office - Sioux Falls, South Dakota  
 Main Office - St. Paul, Minnesota

**17. Scope and Observations:**  
 This was an announced routine inspection of a large non-destructive testing company based out of St. Paul, Minnesota, authorized by its NRC license to use and store radioactive material for industrial radiography at offices in Rapid City and Sioux Falls, South Dakota, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee employed two radiographers at its facility in Sioux Falls, and no longer staffed or stored material at the Rapid City facility. The RSO was based out of the St. Paul address and visited the field office for periodic refresher training and field audits.

During the field office inspection in Sioux Falls, the inspector toured the licensee's facility, including the material storage area and the licensee's radiography truck, to evaluate the licensee's measures for material security, access control, postings, and exposure control. During the tour, the inspector verified the licensee's equipment and instrumentation appeared to be operational and in good material condition. There were no scheduled exposures to observe, but the radiographers demonstrated the licensee's procedures for material receipt, inventory control and boundary setup at temporary job sites. The inspector also interviewed the radiographers regarding routine inspection and maintenance of equipment, source exchanges, and emergency response procedures. The inspector also reviewed a selection of records associated with inventory, instrumentation calibration, dosimetry records, radiographer field audits, equipment inspections, leak test results and shipping papers.

During the main office inspection, the inspector interviewed the RSO regarding program oversight and radiation safety program reviews. The inspector also reviewed procedures and periodic program reviews.

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

**Signature and Date - Branch Chief**

Digitally signed by Rhex A. Edwards  
Date: 2023.07.27 14:31:13 -05'00'

**From:** [Jason Draper](#)  
**To:** [Rost, Justin](#)  
**Subject:** NRC 591M - American Engineering Testing  
**Date:** Thursday, July 27, 2023 3:05:00 PM  
**Attachments:** [NRC 591M - American Engineering Testing jd\\_RAE.pdf](#)

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Justin,

As was discussed with you on July 12, 2023, attached is the inspection report for the routine NRC inspection that I performed at your facilities in Sioux Falls, South Dakota, and St. Paul, Minnesota, on March 21-22, 2023, with in-office review through July 12, 2023. Please review and keep this document for your records. There is no response required, though I would appreciate an email confirming that you have received the document. Let me know if you have any questions.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Jason Draper

Health Physicist (Inspector)

NRC / Region III / DRSS / MIB

(630) 829-9839

[jason.draper@nrc.gov](mailto:jason.draper@nrc.gov)