

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: American Engineering Testing, Inc. 550 Cleveland Ave. North St. Paul, MN 55114 REPORT NUMBER(S) 2020001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-34637	4. LICENSE NUMBER(S) 22-20271-02	5. DATE(S) OF INSPECTION October 19, 2021 to November 4, 2021
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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. 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	Luis A. Nieves Folch	Digitally signed by Luis A. Nieves Folch Date: 2021.11.05 10:38:55 -05'00'
BRANCH CHIEF	Michael Kunowski	Michael A. Kunowski	Digitally signed by Michael A. Kunowski Date: 2021.11.09 12:40:26 -06'00'



Materials Inspection Record

1. Licensee Name: American Engineering Testing, Inc.		2. Docket Number(s): 030-34637		3. License Number(s) 22-20271-02	
4. Report Number(s): 2021001			5. Date(s) of Inspection: October 19, 2021 to November 4, 2021		
6. Inspector(s): Luis Nieves		7. Program Code(s): 03320	8. Priority: 1	9. Inspection Guidance Used: 87121	
10. Licensee Contact Name(s): Justin Rost, RSO		11. Licensee E-mail Address: jrost@teamAET.com		12. Licensee Telephone Number(s): 320-224-0303	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): October 19, 2022 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced, routine/enforcement follow-up inspection of a non-destructive testing company authorized to use radioactive material for industrial radiography at field stations in Sioux Falls and Rapid City, South Dakota, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the Sioux Falls location had been occupied by two radiographers and one assistant in training. At the Rapid City location, the licensee used to have one radiographer and one camera until April 2021 when the radiographer left the company and the camera was returned to Sioux Falls location. The licensee is looking to hire a new radiographer for the Rapid City location. Both locations were visited during this inspection.

PERFORMANCE OBSERVATIONS

The inspector evaluated the licensee's measures for materials security, hazard communication, and exposure control. The inspector reviewed a selection of the licensee's program documentation, including shipping papers, daily camera checks, field audits, dosimetry records, utilization logs, and leak test results. At the time of the inspection, the NRC inspector did not have the opportunity to observe the performance of industrial radiography operation; however, the licensee demonstrated radiographic operations, performing camera checks, filling out the utilization logs, filling out the placards for the camera, equipment maintenance, survey meter use, barrier control, and emergency response. The inspector interviewed the licensee's radiation safety officer to discuss a variety of radiation safety topics, including the use of shielding during radiographic operations, and emergency response measures. The inspector further examined a selection of in-use pocket dosimeters, alarming rate meters, and survey instruments, and found all to be calibrated, operable, and properly used. The inspector also reviewed and closed a previous security-related violation.

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

From: [Nieves Folch, Luis](#)
To: jrost@teamAET.com
Subject: FW: AET 591M(1) (002)MK.pdf
Date: Friday, November 12, 2021 1:19:00 PM
Attachments: [AET 591M\(1\) \(002\)MK.pdf](#)

Dear Mr. Rost

Attach is the clear 591 report for the inspection conducted on October 19, 2021. At this point there is no further actions on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be 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>. Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
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Division of Nuclear Materials Safety
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