

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Materials Testing Consultants, Inc. 693 Plymouth Avenue, NE Grand Rapids, MI 49505 REPORT NUMBER(S) 2021001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
3. DOCKET NUMBER(S) 030-13918	4. LICENSE NUMBER(S) 21-15281-02	5. DATE(S) OF INSPECTION June 22, 2021

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	Zahid Sulaiman, Health Physicist	Zahid M. Sulaiman	Digitally signed by Zahid M. Sulaiman Date: 2021.07.02 13:34:08 -05'00'
BRANCH CHIEF	Michael Kunowski, Chief, MIB	Michael A. Kunowski	Digitally signed by Michael A. Kunowski Date: 2021.07.06 07:11:38 -05'00'



Materials Inspection Record

1. Licensee Name: Materials Testing Consultants, Inc.		2. Docket Number(s): 030-13918		3. License Number(s) 21-15281-02	
4. Report Number(s): 2021001			5. Date(s) of Inspection: June 22, 2021		
6. Inspector(s): Zahid Sulaiman, Health Physicist		7. Program Code(s): 03121		8. Priority: 5	9. Inspection Guidance Used: 87124
10. Licensee Contact Name(s): Tim Lautenbach, RSO		11. Licensee E-mail Address: tlautenbach@mtc-test.com		12. Licensee Telephone Number(s): 616-608-1536	
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 checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 06/22/2026 <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 remote routine inspection of a constructing testing company authorized to possess and use portable gauges at its main office in Grand Rapids, Michigan, at a satellite office in Ann Arbor, Michigan, and at temporary job sites in NRC jurisdiction. The licensee possess total of 36 portable gauges (7 InstronTek Xplorer Model 3500 and 29 Troxler Model 3400 series) for measuring the physical properties of materials. The licensee employed 41 authorized gauge users who have completed the manufacturer and DOT hazmat training. The licensee secured the gauges in accordance with two barrier rule in the storage facility, at a temporary job site, and in the vehicle.

PERFORMANCE OBSERVATIONS

This inspection was conducted virtually through the Microsoft Team meeting, and consisted of interview with select licensee personnel, a review of select records, and view of portable gauge pictures stored with two independent barriers at both the location storage facilities and in the vehicle. The portable gauge were adequately secured with two independent physical barriers while in storage at storage facility or during transportation. Through Microsoft Team meeting, the inspector had the licensee staff described gauge use, storage of gauge at temporary job site and during transportation, emergency procedure, placement of shipping papers in the vehicle, and other procedures. The inspector reviewed selection of licensee records including leak tests, inventory, package receipts, utilization log, annual audit, training records, emergency response procedure, and personnel dosimetry. Through interviews and demonstrations, the inspector found that the licensee staff was knowledgeable of radiation protection principles, licensee procedures, and NRC regulatory requirements.

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