

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

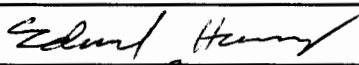
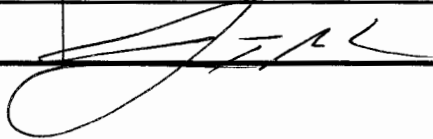
1. LICENSEE/LOCATION INSPECTED:  Materials Testing Consultants, Inc. 693 Plymouth Avenue, NE Grand Rapids, MI 49505  REPORT NUMBER(S) 2016-001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-13918	4. LICENSE NUMBER(S)  21-15281-02	5. DATE(S) OF INSPECTION  April 5, 2016	

**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	Edward F. Harvey		4/5/16
BRANCH CHIEF	Arthur T. McCraw		4/18/16

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  3.01
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Timothy J. Lautenbach	4. TELEPHONE NUMBER  (616) 456-5469
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Main Office Inspection                      Next Inspection Date: \_\_\_\_\_

Field Office Inspection                      \_\_\_\_\_

Temporary Job Site Inspection    Shelby & Ionia Road, Grand Rapids, MI \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced, escalated enforcement follow-up inspection to determine if the licensee implemented corrective actions to prevent recurrence of a violation of 10 CFR 30.34(i). Specifically, during the previous routine inspection, the licensee did not secure their gauges with two independent controls while in storage the main office facility. The licensee was authorized to use Troxler Model 3400 Series and Instrotek Xplorer Model 3500 portable gauging devices for measuring the physical properties of materials.

The inspector observed that the gauges stored at the main office facility were secured with two independent controls to form a tangible barrier. Specifically, the gauges were stored in a windowless closet with a door that locked at the handle and with a deadbolt. In addition, an unannounced inspection at a temporary job site revealed that the portable gauge to be used was under adequate surveillance. However, upon observation of the configuration of the security of the gauge, the inspector identified that the security apparatus did not provide two independent controls because the locked case that harbored the gauge was not fixed to the locked aluminum box that was mounted to the truck. This allowed for the gauge and its case to be removed upon defeating one barrier. The operator immediately returned to the main office to bolt the gauge case to the steel box mounted on the truck. Further inspection of the transport trucks at the main office revealed that three additional trucks out of twenty were missing bolts. No gauges were stored in the trucks at the time of the inspection. The licensee immediately installed bolts to those cases to prevent inadequate security during future use. There were no specific instances where the gauges were left unattended in a deficient configuration; therefore, the inspector did not identify this observation as a violation.

(Inspection results continued in Part 2)

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(Continued)

During this inspection, the inspector also followed up on Severity Level IV violations of 10 CFR 30.34(c) and License Condition No. 12 of NRC License 21-15281-02 that were identified during the last routine inspection. Specifically, the licensee had not amended their license to accurately reflect a new address of a location of use in Ann Arbor, MI and the naming of a new qualified individual as RSO, respectively. The inspector verified that the license was appropriately amended with the proper address and individual listed as RSO.

No violations were identified during this inspection and the previous violations were considered closed.