

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Materials Testing, Inc.  
693 Plymouth Ave. Ne  
Grand rapids, MI

2. NRC/REGIONAL OFFICE

REGION III  
US NUCLEAR REGULATORY COMMISSION  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532

REPORT 2006001

3. DOCKET NUMBER(S)

03013918

4. LICENSEE NUMBER(S)

21-15281-02

5. DATE(S) OF INSPECTION

May , 2006

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, NUREG-1600, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11. (Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Ed Kulzer	E. L. Kulzer	5/17/06

*Docket File Information*  
**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**



1. LICENSEE <b>Materials Testing Consultants, Inc.</b> REPORT 2006-001	2. NRC/REGIONAL OFFICE <b>Region III</b>
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3. DOCKET NUMBER(S) 030-13918	4. LICENSE NUMBER(S) 21-15281-02	5. DATE(S) OF INSPECTION May 17, 2006
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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM 03121	2. PRIORITY 5	3. LICENSEE CONTACT Peter Gausewitz	4. TELEPHONE NUMBER 616.456.5469
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: <u>May 2011</u>
<input type="checkbox"/> Field	
<input checked="" type="checkbox"/> Temporary Job Site	<u>Division Ave between Allger and Burton Street</u>

**PROGRAM SCOPE**

The licensee is an engineering firm that employs 50 individuals. The licensee possesses 22 Troxler 3440 moisture density gauges, for use daily/weekly during the construction season (May-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs 21 authorized gauge users who have completed manufacturers training. Device is stored in a vault in the licensee's facility located at 693 Plymouth NE, Grand Rapids, Michigan.

**Performance Observations**

The inspector observed operations at a temporary jobsite located at Division Avenue, Grand Rapids, Michigan. The operator possessed required shipping papers which contained all appropriate information and were accessible in the transport vehicle. The operator demonstrated an adequate level of understanding of emergency and handling procedures during job-site interviews. Security during transport and at the job-site was described and observed respectively with no problems noted. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.