

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Tumb Testing LLC  
415 West Necessing Street  
Lapeer, MI 48446  
REPORT NUMBER(S) 2011/001

2. NRC/REGIONAL OFFICE

US Nuclear Regulatory Commission  
Region III  
2443 WARRENVILLE Rd

3. DOCKET NUMBER(S)

030-37060

4. LICENSEE NUMBER(S)

21-32603-01

5. DATE(S) OF INSPECTION

9/1/11

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) 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

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	E. L. KULZER	E. L. Kulzer	9/1/11
Branch Chief	TAMARA BLOOMER	T. Bloomer	9/9/11

NRC FORM 591 M PART 3  
(06-2010)  
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

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

<b>1. LICENSEE</b> Thumb Testing, LLC. 415 W. Nepessing Street Lapeer, MI 48446 REPORT NUMBER(S) 2011-001		<b>2. NRC/REGIONAL OFFICE</b> US Nuclear Regulatory Commission Region III 2443 Warrenville Rd Lisle, IL 60532	
<b>3. DOCKET NUMBER(S)</b> 030-37060	<b>5. LICENSE NUMBER(S)</b> 21-32603-01	<b>6. DATE(S) OF INSPECTION</b> 9/1/2011	
<b>7. INSPECTION PROCEDURES</b> IP 87124		<b>8. INSPECTION FOCUS AREAS</b> 03.01-03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

<b>1. PROGRAM</b> 03121	<b>2. PRIORITY</b> 5	<b>3. LICENSEE CONTACT</b> Michael Lentz	<b>4. TELEPHONE NUMBER</b> 810-667-6789
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☒ Main Office Inspection      Next Inspection Date: \_\_\_\_9/2016  
☐ Field Office Inspection \_\_\_\_\_  
☐ Temporary Job Site Inspection \_

**PROGRAM SCOPE**

Thumb Testing, LLC is an engineering firm with its office in Lapeer, Michigan. The licensee possesses two Troxler 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 three authorized gauge users who have completed manufacturers training. Device is stored in a locked room in the licensee's office in Lapeer, Michigan during construction season and in Brown City location during the winter months.

**Performance Observations**

At the time of the inspection there was no temporary job site. The operator possessed required shipping papers which contained all appropriate information and were accessible in the transport vehicle. Gauge/case were locked and chained to the rear of the vehicle during transport. 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 previous inspection found a violation of 30.34(i). The inspector determined that the gauges were now transported in a locked minivan and were locked with an additional chain and lock in the minivan. The gauges were stored in the Lapeer office in a locked room in a cabinet with two locks. The previous violation can be closed.