

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Michigan Department of Transportation
and Technology Division
8885 Ricks Road
P.O. Box 30049
Lansing, MI 48909
REPORT NUMBER(S) 2008-001

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4351

3. DOCKET NUMBER(S)
030-04813

4. LICENSEE NUMBER(S)
21-03039-01

5. DATE(S) OF INSPECTION
01/05/2009

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	E. Kulzer		01/05/2009

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE Michigan Department of Transportation and Technology Division REPORT NUMBER(S) 2009001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-04813	4. LICENSE NUMBER(S) 21-03039-01	5. DATE(S) OF INSPECTION 01/ 5 /09	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 02.03 thru 02.11; 02.13 thru 02.14;02.16 thru 02.19; and 02.21		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3121	2. PRIORITY 5	3. LICENSEE CONTACT Thomas Killingsworth	4. TELEPHONE NUMBER (517)322-6450
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Main Office Inspection Next Inspection Date: 1/2014

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

Portable Gauge Programs

Program Scope

The licensee is an engineering group belonging to the Michigan Department of Transportation that employs 126 individuals. The licensee possesses 89 Troxler 3400 moisture density gauges, for use daily/weekly during the construction season (May-November) for soils engineering projects. The licensee does perform service or maintenance activities on its gauges. Currently, the licensee employs 150 authorized gauge users who have completed manufacturers training. The gauges are stored in a locked room in the licensee's office in Lansing, Michigan.

Performance Observations

At the time of this inspection, the gauges were not in use. 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 authorized user demonstrated an adequate level of understanding of emergency and handling procedures during the interview. Security during transport and at the job-site was described with no problems noted. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.

The facility has developed their own transportation case for the device. The licensee was able to provide the required testing data for the Type A transportation cases used.