

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Soils and Materials Engineers, Inc. 43980 Plymouth Oaks Blvd. Plymouth, Michigan 48170  REPORT NUMBER(S) 2016-002		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
3. DOCKET NUMBER(S)  030-19574	4. LICENSE NUMBER(S)  21-17158-02	5. DATE(S) OF INSPECTION  May 27, 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:

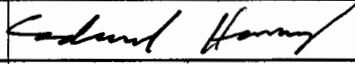
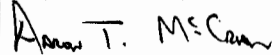

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		5/27/16
BRANCH CHIEF			6/13/16

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  3.01-3.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Trevor Shaheen	4. TELEPHONE NUMBER  (734) 454-9900
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Main Office Inspection                      Next Inspection Date: May 27, 2021

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

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was a routine, unannounced inspection of a soils, concrete, and asphalt testing firm. The licensee is authorized to possess and use portable gauges at the main office location in Plymouth, MI, in addition to six field offices and temporary job sites. No work was being performed in the area at the time of the inspection and all of the gauges were adequately secured in storage. The licensee employed approximately 150 authorized gauge users within NRC jurisdiction; 34 of which were employed at the main office location.

The inspector reviewed pertinent documents including leak test records, manufacturer training certificates, program audits, dosimetry records, and the utilization log. The inspector sampled training records for all of the field office locations since they were all stored at the main office. The RSO provided the shipping papers for the gauges in storage, which contained all of the appropriate information and are routinely accessible to the driver of the transport vehicle. The operator demonstrated adequate security of the gauges while in transport. Additionally, inspector noted that the RSO had two calibrated survey meters available in the event of an emergency.

No violations were identified during this inspection.