

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Testing Engineers & Consultants, Inc.  
1343 Rochester Road  
Troy, MI 48084

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)

030-14016

## 4. LICENSE NUMBER(S)

21-18668-01

## 5. DATE(S) OF INSPECTION

APRIL 14<sup>TH</sup>, 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:


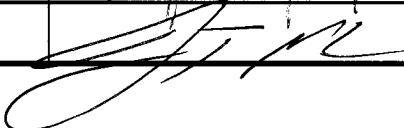
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		4/14/16
BRANCH CHIEF	Aaron McCraw		4/28/16

*Docket File Information*

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Testing Engineers & Consultants, Inc.  
1343 Rochester Road  
Troy, MI 48083

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)

030-14016

4. LICENSE NUMBER(S)

21-18668-01

5. DATE(S) OF INSPECTION

April 14, 2016

6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

FE 1, 3, 6 and 7

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Gary Putt - RSO

4. TELEPHONE NUMBER

(248) 588-6200

☒ Main Office Inspection

Next Inspection Date: No Change

☐ Field Office Inspection

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an escalated enforcement follow-up inspection of an engineering services company authorized to possess moisture density gauges containing byproduct material at locations in Troy and in Ann Arbor, Michigan, and to use those gauges at temporary job sites in NRC jurisdiction. The purpose of this inspection was to verify the completion and assess the effectiveness of corrective actions for a Severity Level III violation identified during a special NRC inspection on June 19, 2015. The NRC conducted that inspection (IR 03014016/2015001(DNMS)) to verify the completion and assess the effectiveness of corrective actions for a previous Severity Level III violation identified in November 2014. The NRC cited the licensee in a final action dated October 23, 2015 for the failure to use a minimum of two independent physical controls that form tangible barriers against unauthorized removal, as required by 10 CFR 30.34(i).

**PERFORMANCE OBSERVATIONS**

The inspector toured the licensee's facility in Troy, Michigan, and found that, as described in the licensee's statement of corrective actions dated August 7, 2015, the gauge storage room was now secured with two keypad combination locks, each of which automatically re-locked after being opened. The inspector confirmed that these locks both served as independent physical controls that formed tangible barriers against unauthorized removal of gauges stored inside, and confirmed that the licensee's staff had been trained in the use of the enhanced security measures. The inspector also reviewed the licensee's corrective actions for SLIV violations of USDOT requirements for labeling and for blocking and bracing packages containing byproduct material in transport.

The inspectors identified no additional examples of the previously cited violations, and furthermore determined that the licensee had implemented adequate corrective actions to address the potential for recurrence of a similar violations. Therefore, the NRC considers all three violations to be closed.

No other violations of NRC requirements were identified as a result of this inspection.