

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: 5 Star Engineering, P.C. 1249 Washington Blvd, Suite 1700 Detroit, MI 48226  REPORT 2007-001	2. NRC/REGIONAL OFFICE  REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532
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3. DOCKET NUMBER(S) 030-37339	4. LICENSEE NUMBER(S) 21-32632-01	5. DATE(S) OF INSPECTION August 9, 2007
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**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		Aug 9, 2007

*Docket File Information*  
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1. LICENSEE <b>5 Star Engineering, P.C.</b> REPORT 2007-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) 030- 37339	4. LICENSE NUMBER(S) 21-32632-01	5. DATE(S) OF INSPECTION August 9, 2007	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Michael Roger	4. TELEPHONE NUMBER 313.224.9700
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Main Office Inspection      Next Inspection Date: August 2012

Field \_\_\_\_\_

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

**PROGRAM SCOPE**

The licensee is an engineering company that employs five individuals. The licensee possesses one Troxler moisture density gauge, 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 gauge; these services are performed by the manufacturer. Currently, the licensee employs two authorized gauge users who have completed manufacturers training. Device is stored in a locked metal cabinet in the licensee's office in Detroit, Michigan.

**Performance Observations**

At the time of this inspection, the gauge was not in use. The operator possessed required shipping papers which contained all appropriate information and was kept in the transport vehicle. Gauge/case was locked and chained to the rear of the vehicle when in transport. The operator demonstrated an adequate level of understanding of emergency and handling procedures during interviews. Security during transport and at the job-site was described with no problems noted.