

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Taylor Engineering, LLC 109 E. Columbia St. P.O. Box 674 Farmington, MO. 63640 REPORT NUMBER(S) 2016001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-31739	4. LICENSE NUMBER(S)  24-26195-01	5. DATE(S) OF INSPECTION  April 19, 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:

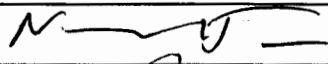

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Navid Tehrani		4/19/16
BRANCH CHIEF	Aaron McCraw		5/3/16

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87125	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Frank Taylor	4. TELEPHONE NUMBER  (573) 756-9226
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Main Office Inspection      Next Inspection Date: 04/19/2021

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

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

**PROGRAM SCOPE**

This was an unannounced routine inspection of an engineering firm that is authorized to possess and use a CPN International Division of Instron Model MC-1-DR and a Humboldt Scientific, Inc. Model HS-5001 Series portable gauging devices at temporary job sites anywhere in the United States where the NRC maintains regulatory jurisdiction. At the time of the inspection, the licensee possessed one CPN International Division of Instron Model MC-1-DR and one Humboldt Scientific, Inc. Model HS-5001, which is used as needed for various construction projects around Farmington, MO and vicinity. The inspector determined through interview of the gauge users and RSO, that the gauge has been used only a few times per year on City of Farmington construction projects and is not stored at temporary job sites overnight. At the time of the inspection, the gauge was in storage at the licensee's facility with two tangible barriers. No temporary job site work was scheduled on the day of inspection. The inspector performed independent radiation measurements which indicated no dose concerns and consistent with expected readings.

During the inspection, the licensee's RSO and gauge users demonstrated/discussed: survey meter availability and use; transportation and DOT requirements; signage; new security requirements of portable gauges (including two tangible barriers while unattended; gauge maintenance; emergency procedures; staff annual refresher training; leak test records (last test: 2/20/16); and dosimetry.

Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry were observed worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits.

No violations of NRC requirements were identified during this inspection.