

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Clarkson Construction Company P.O. Box 34315 4133 Gardner Avenue Kansas City, MO 64120</p> <p>REPORT NUMBER(S) 2016-001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>
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<p>3. DOCKET NUMBER(S)</p> <p>030-38813</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32024-02</p>	<p>5. DATE(S) OF INSPECTION</p> <p>March 28, 2016</p>
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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:

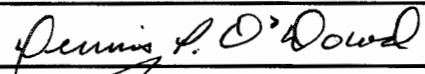
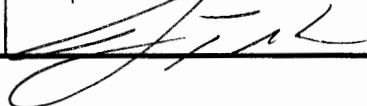
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, 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	Dennis P. O'Dowd		03/28/16
BRANCH CHIEF	Aaron T. McCraw		4/21/16

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  3121	2. PRIORITY  5	3. LICENSEE CONTACT  Jontell L. Jones, RSO	4. TELEPHONE NUMBER  (816) 483-8800
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Main Office Inspection                      Next Inspection Date: 03/28/2021

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

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

**PROGRAM SCOPE**

This was an initial, announced inspection of a licensee authorized to possess and use portable moisture-density gauges (Troxler Model 3400 series) at the licensee's facility located in Kansas City, Missouri, and at temporary job sites anywhere in the United States where the NRC maintains regulatory jurisdiction. At the time of the inspection, the licensee possessed two Troxler Model 3440 gauges. The gauges were acquired in September 2015, and have not yet been used, as the company has not had any projects requiring gauge measurements. No temporary job site work was scheduled on the day of inspection. At the time of the inspection, all gauges were in storage at the licensee's facility with two tangible, independent barriers. The licensee has a total of five authorized gauge users (including the RSO). Training certificates for users are maintained by the RSO.

**Performance Observations**

During the inspection, the inspector reviewed, and the RSO described and/or demonstrated: (1) Two tangible barriers for gauge security and padlocks while unattended and in storage at a temporary jobsite; (2) DOT requirements and shipping papers; (3) dosimetry; (4) leak tests; (5) survey meter availability and use; and (6) emergency procedures. The RSO demonstrated adequate knowledge and understanding of operational and emergency procedures involving the gauges, as well as radiation safety. The licensee has not leak tested the gauges at this time, as they were last leak tested within a period of a year (by the manufacturer prior to shipment to the licensee), and are required to be leak tested annually. The RSO stated his awareness that the gauges needed to be leak tested (and results obtained) prior to use if removing the gauge from storage after the date leak testing is due. The inspector performed independent radiation measurements in the gauge storage area, which indicated no dose concerns and were consistent with expected readings. The inspector discussed the requirements of 10 CFR 30.36(d) with the RSO. The RSO stated that it is expected that the gauges would be put into during the upcoming construction season.

No violations were identified during this inspection.