

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Emery Sapp &amp; Sons, Inc. 2602 N. Stadium Blvd Columbia, MO 65202</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>	
<p>3. DOCKET NUMBER(S)</p> <p>030-38051</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32751-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>03/30/2016, with in-office review through 04/28/2016</p>

**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	<i>Dennis P. O'Dowd</i>	4/28/16
BRANCH CHIEF	Aaron T. McCraw	<i>Aaron T. McCraw</i>	4/28/16

**Docket File Information**

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6. INSPECTION PROCEDURES USED  37121	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  Kyle Frye	4. TELEPHONE NUMBER  (573) 445-8331
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Main Office Inspection

Field Office Inspection

Temporary Job Site Inspection

Next Inspection Date: March 2021

Exit at US Hwy 60 & State Hwy J, Rogersville, MO

**PROGRAM SCOPE**

This was a routine inspection of a private engineering/consulting company licensed to possess and use portable moisture-density gauges (specifically, Troxler Model 3400 series gauges) at the licensee's facility located in Columbia, Missouri, and at temporary job sites anywhere in the United States where the NRC maintains regulatory jurisdiction. The licensee is authorized to possess five gauges, and at the time of the inspection, possessed two; however, there were no gauges currently stored at the licensee's facility in Columbia, Missouri facility, as both gauges are being used and stored at a long-term temporary job site in Lawrence, Kansas. The gauges are used an average of once every two weeks during construction season (from March through November) typically in the vicinity of Columbia, Missouri. The licensee has a total of three authorized gauge users with training certificates maintained by the RSO.

**Performance Observations**

Because of the ongoing work project in Kansas, with no temporary job site work currently taking place within NRC jurisdiction, this inspection was announced, and the licensee agreed to arrange for its primary gauge user, (the licensee's Quality Control Manager), to transport a gauge to, and meet with the inspector at, a construction site on U.S. Highway 60 in Rogersville, Missouri, and to bring relevant records, therefore, allowing (1) the inspector to observe, and for the licensee to demonstrate, storage and security procedures for a gauge when used and stored at a temporary job site, and transportation of a gauge to a temporary job site; (2) the licensee to discuss operating, emergency, and transportation procedures for portable gauges, as well as gauge storage at its facility; and (3) review by the inspector of records and reports associated with licensed activities. During the inspection, the inspector reviewed and discussed with the licensee: (1) two independent, tangible barriers for gauge security while unattended and in storage at a temporary jobsite; (2) DOT requirements and shipping papers; (3) leak tests; (4) survey meter availability and use; and (5) emergency procedures and reporting requirements. No issues were identified. With respect to dosimetry, the QC Manager stated that the use of dosimeters had been discontinued based on licensee calculations demonstrating that unmonitored individuals were not likely to receive an annual dose in excess of 10% of the occupational limit specified in Part 20. These calculations were reviewed in the field by the inspector, and further in-office review of license documents and the licensee dose records confirmed that the licensee's actions in the regard were acceptable and in accordance with the regulations. During the onsite portion of the inspection, the inspector performed independent radiation measurements which indicated no dose concerns and were consistent with expected readings. No violations of NRC requirements were identified as a result of this inspection.