



Materials Inspection Report

1. Licensee/Location Inspected: Clarkson Construction Company 4133 Gardner Avenue Kansas City, MO 64120 Report Number(s) 2022-001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. Docket Number(s) 030-38813	4. License Number(s) 24-32024-02	5. Date(s) of Inspection July 26 and 29, 2022

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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
 - A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))
 - B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Ryan Craffey	 <small>Digitally signed by Ryan J. Craffey Date: 2022.08.12 15:42:25 -04'00'</small>
BRANCH CHIEF	Michael Kunowski	Geoffrey M. Warren <small>Digitally signed by Geoffrey M. Warren Date: 2022.08.16 15:30:01 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Clarkson Construction Company		2. Docket Number(s): 030-38813		3. License Number(s) 24-32024-02	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: July 26 and 29, 2022		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Armando Lamas - RSO		11. Licensee E-mail Address: alamas@clarksonconstruction.com		12. Licensee Telephone Number(s): 816-483-8800	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Non-Routine <input type="checkbox"/> Announced <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 07/26/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

Clarkson Construction Company is a paving and construction company authorized to store portable moisture density gauges at its main office in Kansas City, Missouri, and to use them at temporary job sites in NRC jurisdiction for measuring the physical properties of construction materials. At the time of the inspection, the licensee had three Troxler 3400 series gauges and seven individuals authorized to use them. One of the three gauges was currently kept at a long-term job site on the premises of the Kansas City International Airport, where a new terminal was under construction.

On July 26, the inspector toured the facility in Kansas City. All areas were adequately posted, and all licensed material was adequately secured behind at least two independent physical controls that formed tangible barriers against unauthorized removal. The inspector performed independent and confirmatory surveys of the facility (the licensee had its own TroxAlert meter); radiation levels were well below regulatory limits to members of the public. The two gauges present and their cases were in good condition and were both adequately labeled. The inspector interviewed the RSO and discussed maintenance of gauges and response to emergencies. The inspector reviewed the licensee's utilization logs, physical inventories, leak test results, and gauge user training records.

On July 29, the inspector visited the long-term temporary job site at the Kansas City International Airport on Mexico City Avenue in Kansas City. The gauge at the job site was in good condition and adequately secured inside a construction office trailer; its case was likewise in good condition and adequately labeled. Independent surveys in the vicinity of the gauge at the job site were consistent with radiation profiles listed in the applicable SDDR safety evaluation. Radiation levels outside the trailer were well below limits to members of the public. The inspector observed demonstrations of the use and transport of gauges by the authorized user present, and discussed response to various emergency scenarios. The user was knowledgeable of radiation protection principles, licensee procedures, and regulatory requirements.

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