



Materials Inspection Report

1. Licensee/Location Inspected: CTI and Associates, Inc. 34705 West 12 Mile Road Farmington Hills, MI 48331 Temporary job site: Belleville, MI Report Number(s) 2023001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 03012040	4. License Number(s) 21-17007-01	5. Date(s) of Inspection 5/11/2023 - 8/22/2023
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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. 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	Elizabeth Tindle-Engelmann for Ed Harvey	Elizabeth D. Tindle-Engelmann <small>Digitally signed by Elizabeth D. Tindle-Engelmann Date: 2023.08.29 06:33:07 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2023.09.17 14:23:30 -05'00'</small>



Materials Inspection Record

1. Licensee Name: CTI and Associates, Inc.		2. Docket Number(s): 030-12040		3. License Number(s) 21-17007-01	
4. Report Number(s): 2023001			5. Date(s) of Inspection: 5/11/2023 - 8/22/2023		
6. Inspector(s): Edward Harvey		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: 87139	
10. Licensee Contact Name(s): Michael McNamara		11. Licensee E-mail Address: mmcnamara@cticompanies.com		12. Licensee Telephone Number(s): (248) 506-8828	

13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input 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): 5/11/2028		<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
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16. Location(s) Inspected List:

Temporary Job Site: Wayne Disposal (US Ecology), Belleville, MI

17. Scope and Observations:

This was a routine, unannounced inspection of a civil engineering company authorized to possess and use portable gauges only at temporary job sites within NRC jurisdiction. The licensee employed approximately 2 authorized gauge users that used Troxler Model 3400 Series portable gauges for long term projects in the summer months. The portable gauges are delivered directly to each job site and remain on site for the duration of each project. The licensee does not store or use any licensed material at the main office location. All records are maintained at each job site and with the RSO. The in-office review consisted of a review of documents not available during on-site inspection, including dosimetry and training records. In addition, the inspector verified that the necessary amendment request was submitted for a change of RSO that occurred during the inspection.

The inspector toured the temporary job site and observed that the portable gauge was secured within the company trailer with at least two independent physical controls that form tangible barriers when not under constant control and surveillance. Further, the job-site maintained a 24/7 security program that maintained surveillance of the site entrance. All the paperwork pertinent to the gauge, including inventories, leak tests, utilization log, and shipping information was maintained within the job site trailer with the gauge. The inspector verified that the gauge user was wearing their assigned dosimeter. Phone interviews with the RSO revealed adequate knowledge of radiation safety principles and emergency procedures in the event of an incident.


The inspector reviewed pertinent documents including leak test records, inventory records, training records, shipping papers, dosimetry records, and utilization logs with no issues noted. Independent surveys performed around the gauge storage area indicated readings below regulatory limits.

No violations of NRC requirements were identified during this inspection.

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, appearing to be 'R. Edwards', with a long horizontal line extending to the right.

 Digitally signed by Rhex A. Edwards
Date: 2023.09.17 14:23:06 -05'00'