



## Materials Inspection Report

<b>1. Licensee/Location Inspected:</b>  NTH Consultants, Ltd. 11675 Belden Court Livonia, MI 48150  <b>Report Number(s)</b> 2023001	<b>2. NRC/Regional Office</b>  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
<b>3. Docket Number(s)</b> 030-08223	<b>4. License Number(s)</b> 21-14894-01	<b>5. Date(s) of Inspection</b> 5/9/2023-5/10/2023

**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	Edward Harvey	Elizabeth D. Tindle-Engelmann <small>Digitally signed by Elizabeth D. Tindle-Engelmann Date: 2023.06.05 07:22:52 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	<i>Rhex Edwards</i> <small>Digitally signed by Ryan J. Craffey Date: 2023.06.05 12:11:53 -04'00'</small>

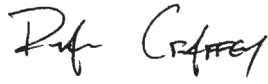


### Materials Inspection Record

<b>1. Licensee Name:</b> NTH Consultants, Ltd.		<b>2. Docket Number(s):</b> 030-08223		<b>3. License Number(s)</b> 21-14894-01	
<b>4. Report Number(s):</b> 2023-001			<b>5. Date(s) of Inspection:</b> 5/9/2023-5/10/2023		
<b>6. Inspector(s):</b> Edward Harvey		<b>7. Program Code(s):</b> 03121	<b>8. Priority:</b> 5	<b>9. Inspection Guidance Used:</b> 87139	
<b>10. Licensee Contact Name(s):</b> Jeff Stamper		<b>11. Licensee E-mail Address:</b> jstamper@nthconsultants.com		<b>12. Licensee Telephone Number(s):</b> 248-662-2670	
<b>13. Inspection Type:</b> <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		<b>14. Locations Inspected:</b> <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		<b>15. Next Inspection Date (MM/DD/YYYY):</b> 5/9/2028 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
<b>16. Location(s) Inspected List:</b> Main Office: 11675 Belden Court, Livonia, MI 48150 Temporary Job Site: Newburgh Road & Six Mile Road, Livonia, MI					
<b>17. Scope and Observations:</b> This was a routine, unannounced inspection of a civil engineering company authorized to possess and use portable gauges at their location in Livonia, Michigan, and at temporary job sites within NRC jurisdiction. The licensee employed approximately 13 authorized gauge users and possessed 14 Troxler Model 3400 Series and 2 Troxler Model 3216 portable gauges.  The inspector toured the licensee's facility and noted that the gauges were adequately secured when not in use. Interviews with the RSO revealed adequate knowledge of radiation safety principles and emergency procedures in the event of an incident. During the temporary job site inspection, the inspector observed that the portable gauge was secured within the company vehicle with at least two independent physical controls that form tangible barriers when not under constant control and surveillance. The shipping papers for the gauges included all of the required information and were accessible to the driver during transport and the gauge user was wearing their assigned dosimeter.  The inspector reviewed pertinent documents including leak test records, inventory records, training records, shipping papers, audits, dosimetry records, and utilization logs with no issues noted. Independent surveys performed around the gauge storage area indicated readings below regulatory limits.  The inspector also followed up on a previous violation regarding the licensee's failure to secure portable gauges with at least two independent controls that form tangible barriers at a field office location in Lansing, Michigan. The inspector noted that this field office had been removed from the license since the last inspection and that all gauges at that location had been transferred to an authorized recipient or moved to the main office location. No additional occurrences of a similar violation were noted and this previous violation is closed.  No violations of NRC requirements were identified during this inspection.					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief



Digitally signed by Ryan J. Craffey

Date: 2023.06.05 12:13:53 -04'00'