



Materials Inspection Record

1. Licensee Name: TJC Construction Inspection, LLC		2. Docket Number(s): 030-34748		3. License Number(s) 21-32097-01	
4. Report Number(s): 2021-001			5. Date(s) of Inspection: August 11, 2021		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Tyler Christensen - RSO		11. Licensee E-mail Address: tjctesting@yahoo.com		12. Licensee Telephone Number(s): 906-322-0203	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		08/11/2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced routine inspection of a construction testing firm authorized to store portable moisture density gauges containing byproduct material at a facility in rural Sault Ste. Marie, Michigan, and to use them for measuring the physical properties of materials at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee had two gauges. The RSO, owner and sole employee of the firm was the only individual authorized to use them; he did so frequently throughout the construction season since acquiring them from their previous owner (his former employer, who retired) in spring 2021.

The inspector toured the licensee's facility in Sault Ste. Marie. The storage area was properly posted and all material was adequately secured behind at least two barriers. Independent and confirmatory surveys in the vicinity of the gauge storage area found no readings in excess of regulatory limits to members of the public. Both gauges appeared to be in good condition, as did their transport cases. While at the facility, the inspector interviewed the licensee's RSO to discuss his oversight and implementation of the program. The RSO did not have any licensed activities scheduled for the day of the inspection; instead, he demonstrated his methods for safely and securely transporting and using gauges, including his response to various emergency scenarios. The inspector also reviewed a selection of records, including utilization logs, leak test results, shipping papers, and dosimetry reports.

Towards the conclusion of the inspection, severe thunderstorms passed through the area. The inspector and RSO took cover as high winds and heavy rain bore down on the licensee's facility. Once the storms passed, the inspector returned to the licensee's facility to check on the RSO and his gauges. The RSO was unharmed, and although numerous trees had fallen, power had been lost and the licensee's facility sustained moderate wind damage, the gauge storage area was undamaged and the gauges remained adequately secured.

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