



### Materials Inspection Record

<b>1. Licensee Name:</b> Wade-Trim, Incorporated		<b>2. Docket Number(s):</b> 030-18534		<b>3. License Number(s)</b> 21-18598-02	
<b>4. Report Number(s):</b> 2021-001			<b>5. Date(s) of Inspection:</b> August 11, 2021		
<b>6. Inspector(s):</b> Ryan Craffey		<b>7. Program Code(s):</b> 03121	<b>8. Priority:</b> 5	<b>9. Inspection Guidance Used:</b> IP 18724	
<b>10. Licensee Contact Name(s):</b> Tamara Mathews - RSO		<b>11. Licensee E-mail Address:</b> tmathews@wadetrim.com		<b>12. Licensee Telephone Number(s):</b> 734-947-9700	
<b>13. Inspection Type:</b> <input type="checkbox"/> Initial <input type="checkbox"/> Routine <input type="checkbox"/> Announced <input checked="" type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		<b>14. Locations Inspected:</b> <input 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> No Change <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	

**16. Scope and Observations:**

This was an unannounced non-routine inspection of an engineering, environmental, and design firm authorized to store portable gauges containing radioactive material at offices in Taylor, Flint, Bay City and Gaylord, Michigan, and to use them at temporary job sites in NRC jurisdiction. The scope of this inspection was limited to observations of licensed activities (possession and transport of a Troxler 3400 series gauge) at a road reconstruction project along US-131 in Boyne Falls, Michigan.

While en-route to other duties, the inspector noticed an individual on the side of the road unpacking equipment, including a portable gauge case, from the back of his truck. The inspector parked on an adjacent road, and observed the individual for a time. The individual maintained control and/or constant surveillance of his truck throughout. The inspector then drove over to where the truck was parked and approached it. The gauge case at the back of the truck was in good condition and properly labeled but confirmed empty via surveys. The inspector then walked around to the front of the vehicle and noticed the gauge charging in the front passenger's seat. As he was doing so, the individual approached the inspector. He and the inspector discussed radiation safety topics, procedures for safe use and transport of the gauge (the individual wasn't planning to use the gauge until some time later in the day), and his response to emergency scenarios. The inspector examined the gauge, which appeared to be in good condition. Independent surveys in the vicinity were consistent with the radiation profiles in the applicable SDR safety evaluation. The inspector also confirmed that the user had current and assigned personnel dosimetry in his possession as well as a full complement of locks and chains to ensure that his gauge could be adequately blocked and braced during transport and, along with a locking bed cover, could be adequately secured behind at least two barriers if left unattended.

The inspector reviewed the gauge user's shipping papers, which were readily available in the cab of the truck, as well as a copy of the licensee's operating and emergency procedures and documentation of a current leak test for the gauge.

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