



Materials Inspection Record

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| 1. Licensee Name: Orchard, Hiltz, & McCliment, Inc. | | 2. Docket Number(s): 030-38284 | | 3. License Number(s) 21-32793-01 | |
| 4. Report Number(s): 2022-001 | | | 5. Date(s) of Inspection: April 5, 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): Jack Niemi - RSO | | 11. Licensee E-mail Address: jack.niemi@ohm-advisors.com | | 12. Licensee Telephone Number(s): 989-393-1723 | |
| 13. Inspection Type: <input type="checkbox"/> Initial <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 checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote | | 15. Next Inspection Date (MM/DD/YYYY): 07/15/2021 <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change | |

16. Scope and Observations:

Orchard, Hiltz, & McCliment is an architecture, engineering and planning firm authorized to store portable moisture density gauges at one of five facilities across Michigan, and to use them at temporary job sites in NRC jurisdiction for measuring the physical properties of construction materials. The licensee currently has two gauges in Flint, three in Hancock, two in Mount Pleasant, six in Petoskey, and four in Saginaw. The scope of this inspection (the start of the routine inspection effort for this cycle) was limited to a review of the implementation of the radiation safety program at the licensee's facility on Bristol Road in Flint, Michigan, on the premises of the Bishop International Airport.

The inspector toured the facility in Flint. 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 surveys of the facility; radiation levels were well below regulatory limits to members of the public in unrestricted areas both inside and outside the facility. The single gauge present and its case were in good condition and adequately labeled (the other gauge was out for calibration). The inspector interviewed an authorized user and observed demonstrations of gauge use and transport, discussed emergency response scenarios, and overall found the user to be knowledgeable of radiation protection principles, regulatory requirements, and licensee procedures. The inspector also reviewed utilization records, shipping papers, and emergency response information present on-site.

No violations were identified as a result of this inspection. The inspector held an exit meeting with the RSO's designee by telephone on April 27, 2022. The oversight of the program at at least one more location still need to be inspected to consider the effort complete per IMC 2800. Therefore, the next inspection date remains unchanged.