



Materials Inspection Record

1. Licensee Name: Hartford Quality Assurance, LLC		2. Docket Number(s): 030-37549		3. License Number(s) 13-32671-01	
4. Report Number(s): 2021001			5. Date(s) of Inspection: March 3 - 31, 2021		
6. Inspector(s): Luis Nieves		7. Program Code(s): 03320	8. Priority: 1	9. Inspection Guidance Used: 87121	
10. Licensee Contact Name(s): Charles Bradshaw, RSO		11. Licensee E-mail Address: cbradshaw@hartfordqa.com		12. Licensee Telephone Number(s): 502-333-4815	
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		November 3, 2021 <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input checked="" type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an unannounced, routine inspection of a non-destructive testing company, a wholly-owned subsidiary of Globe Mechanical, a pipe manufacturing company. The licensee was authorized to use byproduct material for industrial radiography on the premises of Globe facilities in New Albany and Pekin, Indiana. At the time of the inspection, the licensee employed six radiographers and two assistants, who conducted radiography in dedicated shooting areas at both locations, treating each as a temporary job site.

PERFORMANCE OBSERVATIONS

The inspector toured the facilities in New Albany to evaluate the licensee's measures for materials security, hazard communication and exposure control. The licensee demonstrated camera checks, use of the camera, surveys, how to zero out pocket dosimetry, procedures to follow when taking the camera out, filling out the utilization logs, and how to set up boundaries. The inspector interviewed the licensee's staff to discuss a variety of radiation safety topics, including the use of shielding during radiographic operations, emergency response measures, and source exchanges. The inspector further examined a selection of in-use pocket dosimeters, alarming rate meters, and survey instruments, and found all to be calibrated, and operable. The inspector also reviewed a selection of available records, including utilization logs, sealed source and DU leak test results, as well as documentation of camera shipping and receiving, refresher training, and radiographer audits.

Two violations of safety requirements were identified during this inspection, concerning the failure to review the radiation protection program content and implementation annually, for calendar year 2020 (10 CFR 20.1101(c)), and the failure to leak test the following 3 radiography sources at intervals not to exceed 6 months (10 CFR 34.27(c)(1)): iridium-192 (Ir-192) sealed source serial number 92216G was not leak tested between November 25, 2019, and June 4, 2020; Ir-192 sealed source serial number 93868G was not leak tested between January 14 and July 22, 2020; and Ir-192 sealed source serial number 95921G was not leak tested between March 19 and September 21, 2020.