

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Hartford Quality Assurance  
20 West 7th Street  
New Albany, IN 47150

REPORT NUMBER(S) 2018001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-37549

4. LICENSE NUMBER(S)

13-32671-01

5. DATE(S) OF INSPECTION

03/27/18, with in-office review  
through 06/01/18

**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:

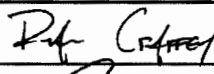
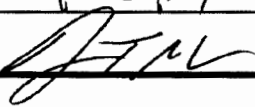
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and 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	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ryan Craffey		06/04/2018
BRANCH CHIEF	Aaron McCraw		06/05/2018

**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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6. INSPECTION PROCEDURES USED  87121	7. INSPECTION FOCUS AREAS  All
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03320	2. PRIORITY  1	3. LICENSEE CONTACT  Charles Bradshaw - RSO	4. TELEPHONE NUMBER  (812) 981-2741
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Main Office Inspection      Next Inspection Date: 03/27/2019

Field Office Inspection    242 South Voyles Road, Pekin, IN

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

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 five 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 and Pekin to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector observed the conduct of radiographic operations in two areas at the New Albany facility, observed demonstrations of these operations in Pekin, and conducted independent surveys. 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 staff also demonstrated the use of universal roller skids to assist in positioning guide tubes inside sections of pipe, and The inspector confirmed that the skid was used only on horizontal sections, was advanced through these sections using a push rod, and did not interfere with the completion of required equipment checks. The inspector further examined a selection of in-use pocket dosimeters, alarming ratemeters, and survey instruments, and found all to be calibrated, operable, and properly utilized.

The inspector also reviewed a selection of available records, including utilization logs, sealed source and DU leak test results, personnel dosimetry reports (which recorded a maximum whole-body dose in 2017 of 2,538 millirem), as well as documentation of camera shipping and receiving, refresher training, and radiographer audits. During the period of in-office review, the inspector reviewed additional facility and equipment documentation that was not available at the time of the on-site inspection.

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

**From:** Craffey, Ryan  
**To:** "cbradshaw@hartfordga.com"  
**Subject:** NRC Inspection Report  
**Date:** Tuesday, June 05, 2018 10:09:00 AM  
**Attachments:** NRC Inspection Report - Hartford Quality Assurance 2018.pdf

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Hello Charles,

Attached is a completed copy of the report for my inspection of your radiation safety program back in March. Since no violations were cited, no additional action on your part is required, but please feel free to contact me any time if we may be of assistance to you in the future.

Thanks!

**Ryan Craffey**  
Health Physicist  
US Nuclear Regulatory Commission  
Materials Inspection Branch, Region III  
(630) 829-9655