

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Quality Inspection & Testing, Inc.  
3001 International Street  
Fairbanks, Alaska  
REPORT NO.: 2021-001

## 2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission  
Region IV, 1600 East Lamar Blvd.  
Arlington, Texas 76011-4511

## 3. DOCKET NUMBER

030-32546

## 4. LICENSE NUMBER

50-29038-01

## 5. DATE(S) OF INSPECTION

January 27 - March 12, 2021

## 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) was/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 the NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

10 CFR 34.47(c) requires, in part, that pocket dosimeters must be checked at periods not to exceed 12 months for correct response to radiation.


License Condition 18 of NRC License 50-29038-01, Amendment 8, dated July 11, 2012, requires, in part, that the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed in License Condition 18.

License Condition 18, application dated March 29, 2012, contains the licensee's Radiation Safety Manual. Section 8.1.1.B of the Radiation Safety Manual provides specific instructions for the use of pocket dosimeters which require the user to verify the dosimeter's calibration sticker is current or to otherwise not use that dosimeter.

[Continued on Next Page]

## 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 | Christian Grass |  | 3/15/21  |
| NRC INSPECTOR             | Allyce Bolger   | Allyce B. Bolger   | Digitally signed by Allyce B. Bolger<br>Date: 2021.03.15 08:58:23 -05'00'  |
| BRANCH CHIEF              | Dan Bradley     | Daniel S. Bradley  | Digitally signed by Daniel S. Bradley<br>Date: 2021.03.22 11:28:45 -05'00' |

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**CONTINUED**

Contrary to the above, on five occasions between September 20 - November 3, 2020, the licensee failed to use a pocket dosimeter that was checked for correct response to radiation at a period not to exceed 12 months. Specifically, during the performance of radiographic operations, on five occasions during the period of September 20 - November 3, 2020, a pocket dosimeter (Arrow-Tech W138 S/N HG182818) was utilized that was last checked for correct response to radiation on September 19, 2019, a period exceeding 12 months. Additionally, the licensee failed to verify that calibration stickers on pocket dosimeters were current prior to performing radiographic operations.

This is a Severity Level IV violation (Enforcement Policy 6.3.d). In addition to having checked the instrument's response to radiation, the licensee's corrective actions are to update their daily radiation job sheet to include a section to document the pocket dosimeter's calibration due date to ensure the calibration due date is verified prior to beginning licensed operations.

**From:** [Chris Grass](#)  
**To:** [Bolger, Allyce](#)  
**Subject:** [External\_Sender] RE: NRC Inspection Report  
**Date:** Monday, March 15, 2021 2:14:13 PM  
**Attachments:** [inspection.pdf](#)

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Signed copy attached.

Thanks,  
Chris

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**From:** Bolger, Allyce <Allyce.Bolger@nrc.gov>  
**Sent:** Monday, March 15, 2021 6:11 AM  
**To:** Chris Grass <cgrass@ghi.net>  
**Subject:** NRC Inspection Report

Chris,

As we discussed on Friday, the NRC identified one severity level IV violation during our inspection of Quality Inspection & Testing, Inc. Please review the attached inspection report documenting the notice of violation and return a signed copy to me. Please let me know if you have any questions. Thank you.

*Allyce Bolger*

Health Physicist  
NRC Region IV  
Division of Nuclear Materials Safety