

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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|---|---|
| 1. LICENSEE/LOCATION INSPECTED:<br><br>Braunc Intertec Corporation<br>11001 Hampshire Avenue South<br>Bloomington, MN 55438<br><br>REPORT NUMBER(S) 2016001 | 2. NRC/REGIONAL OFFICE<br><br>Region III<br>U. S. Nuclear Regulatory Commission<br>2443 Warrenville Road, Suite 210<br>Lisle, IL 60532-4352 |
|---|---|

*Locations inspected:  
Minot, ND  
Bloomington, MN*

|                                      |   |  |
|--------------------------------------|---|--|
| 3. DOCKET NUMBER(S)<br><br>030-38749 | 4. LICENSE NUMBER(S)<br><br>22-16537-04 | 5. DATE(S) OF INSPECTION<br><br>August 8-10 <sup>th</sup> , 2016 |
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**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 | <i>Ryan Craffey</i> | 8/10/16 |
| BRANCH CHIEF              | Aaron McCraw | <i>gmv for ATM</i>  | 8/24/16 |

**Docket File Information**

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| 6. INSPECTION PROCEDURES USED<br><br>87121 | 7. INSPECTION FOCUS AREAS<br><br>All |
|--|--------------------------------------|

**SUPPLEMENTAL INSPECTION INFORMATION**

|                                 |                      |   |   |
|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S)<br><br>03320 | 2. PRIORITY<br><br>1 | 3. LICENSEE CONTACT<br><br>Greg Ebeling - RSO | 4. TELEPHONE NUMBER<br><br>(612) 369-0618 |
|---------------------------------|----------------------|---|---|

Main Office Inspection                      Next Inspection Date: 08/08/2017  
 Field Office Inspection    200 40th Avenue NE, Minot, ND  
 Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an announced routine inspection of a geotechnical engineering firm authorized to use radioactive material for industrial radiography at temporary job sites in NRC jurisdiction. At the time of the inspection, the company had approximately 70 radiographers and assistants, most of whom were stationed either at the licensee's headquarters in Bloomington, Minnesota, or at field offices in Minot, North Dakota, and San Antonio, Texas. The licensee used its NRC license primarily for work in Montana, South Dakota, Wyoming, and areas of federal jurisdiction within the State of North Dakota. This work was based out of the company's Minot office. The RSO and the company's NDE supervisor were based in Bloomington, Minnesota.

**PERFORMANCE OBSERVATIONS**

On August 8, 2016, the inspector interviewed the licensee's staff at the Minot field office, and discussed the implementation of established procedures for equipment checks and maintenance, hazardous materials transportation, as well as the conduct of radiography and radiographer audits. The staff also demonstrated the use of mechanisms for tracking the completion of periodic requirements. Through these demonstrations and discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements. The inspector was unable to observe the conduct of licensed activities in NRC jurisdiction, as no work was scheduled in these areas at the time of the inspection.

On August 10, 2016, the inspector interviewed the RSO and NDE manager at the company's headquarters in Bloomington, and discussed the licensee's methods for calibration of survey instruments and personnel dosimetry, as well as other topics related to the oversight of the program. The inspector also reviewed a selection of records related to activities in NRC jurisdiction, including utilization logs, quarterly equipment maintenance records, DU leak test results, semiannual program audits, initial and refresher training for radiographers and assistants, radiographer audits, and dosimetry reports, which documented a maximum annual exposure of 1906 millirem in 2015.

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

*Gw  
for ATM*