

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

1. LICENSEE/LOCATION INSPECTED:  Bacco Construction Company N3660 North US 2 Iron Mountain, MI 49801  REPORT NUMBER(S) 2012-001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S)  030-32149	4. LICENSE NUMBER(S)  21-26308-01	5. DATE(S) OF INSPECTION  May 16, 2012,
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01 - 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT John Fortier, RSO	4. TELEPHONE NUMBER (906) 774-2616
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Main Office Inspection                      Next Inspection Date: May 2017  
 Field Office Inspection  
 Temporary Job Site Inspection

**PROGRAM SCOPE**

This licensee currently possesses two Troxler 3400 series moisture density gauges for use in measuring physical properties of materials at various job site locations. The gauges are stored in a locked and labeled cabinet in a store room at the company's lab in Iron Mountain, Michigan when not in use. The licensee is also authorized to possess a Troxler 3241 series asphalt content gauge for use at the lab; however, the licensee has not had such a gauge since it last transferred one into the possession of its consultant in February 2007. There are currently four authorized users of the gauges, who are required to wear whole-body dosimetry when conducting licensed activities. Service and maintenance activities of the gauges are performed by the manufacturer. The licensee possesses a survey meter of its own in the event of an emergency.

**Performance Observations**

The licensee demonstrated that adequate security measures were in place at the Iron Mountain lab. Both gauges were in use at temporary job sites during the inspection. The licensee staff present in-office demonstrated an adequate knowledge of transportation requirements.

The licensee's dosimetry records indicated no annual exposure above ten percent of any regulatory limit in 2009, 2010 or 2011. Leak test records conducted annually by a consultant indicated no leakage from either gauge. The licensee's inventory had remained unchanged since the time of last inspection, as demonstrated by semi-annual inventory records. Training documentation was reviewed with no issues identified.

The licensee did not report any thefts, losses or other incidents involving licensed material since the time of last inspection.

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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			5/16/12
NRC INSPECTOR	Ed Kulzer / Ryan Craftey	<i>Ed Kulzer / Ryan Craftey</i>	
BRANCH CHIEF	Tamara Bloomer	<i>Tamara Bloomer</i>	6/1/12