

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Roofing Consultants Ltd. 206 Travis Lane Waukesha, Wisconsin 53189  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)  030-18013	4. LICENSE NUMBER(S)  48-20142-01	5. DATE(S) OF INSPECTION  August 17, 2012
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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:

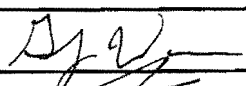
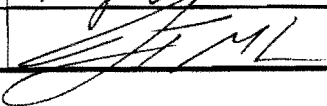
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed. *(from Apr. 2003 inspection)*
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, 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	Geoffrey M. Warren		8/17/12
BRANCH CHIEF	Tamara E. Bloomer	 fo	8/29/12

**Docket File Information**

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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  Louis Juhlmann IV, RSO	4. TELEPHONE NUMBER  (262) 549-0802
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Main Office Inspection                      Next Inspection Date: August 2017  
 Field Office Inspection  
 Temporary Job Site Inspection

**PROGRAM SCOPE**

At the time of the inspection, the licensee's office was located at 206 Travis Lane, Waukesha, Wisconsin 53189, but licensee management stated that they were considering moving to a new site in the future.

The licensee was a engineering firm that used two portable gauges as described on the license for measuring moisture in commercial roofs at temporary job sites in Indiana and Missouri around twice annually. In addition, the licensee used the gauges in Wisconsin under a State of Wisconsin license and in Illinois and Minnesota under reciprocity. The licensee employed ten authorized gauge users who had completed manufacturers training. The devices were stored in a vault in the licensee's office in Waukesha as authorized by the State of Wisconsin license. The gauge and case were locked and chained inside a locked transport box in the vehicle during transport. The licensee did not perform any service or maintenance activities on its gauges; these services were performed by a company specifically licensed to perform such services.

**Performance Observations**

At the time of this inspection, the gauges were not in use in NRC jurisdiction. Licensee personnel demonstrated gauge transport and use, and described emergency procedures, shipment, calibration, training, and other procedures. The inspector noted no concerns with these activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Review of dosimetry and survey records indicated no evidence of exposures exceeding limits for radiation workers or members of the public.

During inspection 2003-001, the licensee was cited for violations of: (1) 10 CFR 30.1801 and 30.1802 for storing a gauge in a hotel room and (2) License Condition No. 12 for allowing an individual who had not received the manufacturer's training to use a gauge without supervision. Multiple licensee personnel independently stated that gauges would not be stored in hotel rooms, only at the licensee's facility or in vehicles during transport, and that only trained individuals are allowed to use the gauges except under supervision of a trained individual. Based on these statements, the violations are closed.