

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Gosling Czubak Engineering Services, Inc. 1280 Business Park Drive Traverse City, MI 49686  REPORT NUMBER(S) 2012-01		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-14064	4. LICENSE NUMBER(S)  21-18491-01	5. DATE(S) OF INSPECTION  May 22, 2012	

**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:


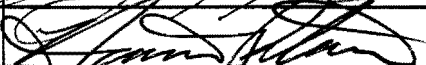
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Aaron T. McCraw		5/22/12
BRANCH CHIEF	<i>Hironomi Peterson</i>		6/3/12

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  IP 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  Jeffrey Kowalski, RSO	4. TELEPHONE NUMBER  (231) 946-9191
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Main Office Inspection      Next Inspection Date: 5/1/2017

Field Office Inspection

Temporary Job Site Inspection      Precision Drive, Traverse City, Michigan

**PROGRAM SCOPE**

This was a routine inspection of a geotechnical, environmental, and construction services engineering firm that used portable moisture/density gauges. At the time of the inspection, the licensee possessed 6 Troxler 3400 Series gauges (2 3411s and 4 3430s) at its office in Traverse City, Michigan. Two individuals are authorized to perform limited non-routine maintenance activities on the gauges that involve removing the source rod.

**PERFORMANCE OBSERVATIONS**

The inspector observed the gauge storage area, which provided adequate security for when the gauges are not in use. All gauges that were not in use were adequately secured with two independent barriers while not under constant control and surveillance. The inspector observed how gauges are transported using two independent barriers. Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques.

Independent measurements taken did not indicate readings in excess of Title 10 Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Dosimetry was only used for those individuals performing permitted maintenance on the gauges. Dosimetry records indicated that those individuals were well below regulatory limits. The inspector reviewed the licensee's demonstration to prove that gauge users would not receive more than 10 percent of the regulatory limits, and therefore, do not require dosimetry. The inspector found the justification adequate. The licensee possessed a calibrated and operable survey meter that fared well in a side-by-side comparison with the inspector's survey meter. A records review indicated that leak tests, and personnel gauge safety and HAZMAT training had been completed.

No violations were identified during this inspection.