

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Element Materials Technology 662 Cromwell Avenue St. Paul, MN 55114 Location Inspected: Job Site in Wolcott, IN REPORT NUMBER(S) 2018001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>
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<p>3. DOCKET NUMBER(S)</p> <p>150-00022</p>	<p>4. LICENSE NUMBER(S)</p> <p>MN-1070-62</p>	<p>5. DATE(S) OF INSPECTION</p> <p style="text-align: right;">MAY 21<sup>ST</sup>, 2018</p>
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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		5/21/18
BRANCH CHIEF	Aaron McCraw		06/01/2018

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  All
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Randy Schlegel - RSO	4. TELEPHONE NUMBER  (651) 659-7413
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Main Office Inspection                      Next Inspection Date:                      TBD

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection 5364 South US 231, Wolcott, IN

**PROGRAM SCOPE**

This was an unannounced field inspection of a materials and product qualification testing firm authorized by the State of Minnesota to possess and use portable gauges for measuring the physical properties of materials at a facility in St. Paul, Minnesota, and at temporary job sites within the State. The licensee conducted these activities in NRC jurisdiction under a reciprocity request filed in April 2018 for the remainder of the calendar year. The scope of this inspection was limited to the conduct of licensed activities (soil compaction testing using one Troxler 3400 series gauge) on a wind farm expansion project headquartered in Wolcott, Indiana.

**PERFORMANCE OBSERVATIONS**

The inspector visited the licensee's mobile materials laboratory on the premises of the wind project's headquarters and lay-down yard in Wolcott to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector confirmed that the licensee secured its gauge with at least two independent physical controls that formed tangible barriers against unauthorized removal when not in use. The inspector also conducted independent surveys in the vicinity, and found no exposures to members of the public in excess of regulatory limits. The inspector was unable to observe the conduct of licensed activities, as the licensee had already completed soil compaction testing for the day. Instead, the authorized users on-site demonstrated the implementation of licensee procedures for the safe use and transport of gauges, and discussed with the inspector a variety of radiation safety topics. Through these demonstrations and discussions, the inspector found the users to be knowledgeable of radiation protection principles and licensee procedures.

While on-site, the inspector also reviewed a selection of available records, including shipping papers, hazmat refresher training, leak test results for the gauge, and copies of the licensee's State of Minnesota license.

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

**From:** [Craffey, Ryan](#)  
**To:** ["randy.schlegel@element.com"](mailto:randy.schlegel@element.com)  
**Subject:** NRC Inspection Report  
**Date:** Thursday, June 07, 2018 10:03:00 AM  
**Attachments:** [NRC Inspection Report - Element Materials Technology 2018.pdf](#)

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Good morning Randy,

Attached is a copy of the completed report for my inspection of your crew (Kyle and Julian) at the Meadow Lake IV Wind Project in Wolcott, Indiana. Since no violations of NRC requirements were identified, no additional action on your part is required, but please feel free to contact me any time if you have any questions or concerns about this inspection, or if we can be of any assistance to you in the future. Thanks!

**Ryan Craffey**

Health Physicist  
US Nuclear Regulatory Commission  
Materials Inspection Branch, Region III  
(630) 829-9655