

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Cardno ATC 46555 Humboldt Drive, Suite 100 Novi, MI 48377  REPORT NUMBER(S) 2016001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-38345	4. LICENSE NUMBER(S)  21-32807-01	5. DATE(S) OF INSPECTION  3/02/2016 with continuing review through May, 10, 2016	

**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	E.L. Kulzer	<i>E. L. Kulzer</i>	5/10/16
BRANCH CHIEF	A. T. McCraw	<i>A. T. McCraw</i>	5/10/16

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  IP 87124	7. INSPECTION FOCUS AREAS  03.01 through 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Kara M. Grisamer, P.E.	4. TELEPHONE NUMBER  (248) 669-5140
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Main Office Inspection      Next Inspection Date: 3/2/2021

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

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was a routine inspection of a small engineering firm that employs 13 individuals. The licensee possessed two Troxler Model 3400 moisture density gauges for use during the construction season (May-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. The licensee employed seven authorized gauge users who have completed manufacturers training. The licensee stored its gauges in a locked room in the licensee's office in Novi, Michigan.

**Performance Observations**

At the time of this inspection, the gauges were not in use. The authorized gauge user interviewed by the inspector possessed required shipping papers that contained all appropriate information and were accessible in the transport vehicle. The licensee locked and chained its gauges to the rear of the vehicle during transport. The authorized gauge user demonstrated an adequate level of understanding of emergency and handling procedures interviews. Security during transport was described with no problems noted. The inspector reviewed other program areas which included dosimetry, 20.1101 audits, leak tests, inventory checks, and survey instrument availability.

During the inspection, the inspector observed that the RSO on the license had left the company on February 19, 2016. The license requested a license amendment on February 12, 2016. Material Licensing Branch determined the appointed individual was qualified and therefore not a violation.

No violations of NRC regulatory requirements were identified during this inspection.