

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Mikon Corporation 4414 B South 40th Street St. Joseph, Missouri 64503  REPORT NUMBER(S) 2015001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-29962	4. LICENSE NUMBER(S)  24-24954-01	5. DATE(S) OF INSPECTION  March 26, 2015	

**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)

Contrary to Condition 23 to NRC License No. 24-24954-01, Item 10 of the application dated January 11, 2012, and Appendix H "Operating Procedures" of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, the licensee failed to sign out gauges in a log book including the date(s) of use, name(s) of the authorized users who were responsible for the gauge, and the temporary job site(s) where the gauge was used. Specifically, (1) on March 16, 2015, a gauge user failed to sign out two gauges before transporting the gauges to a job site in Minnesota, and (2) on March 23, 2015, a gauge user failed to sign out two gauges before transporting the gauges to a job site in Illinois. The root cause was oversight by the gauge users. As corrective action, the licensee will have the project manager sign out the gauges at the briefing conducted with the project manager and the field crew to discuss details of the project prior to dispatching the crew.

**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	BRYAN W. DAVIS	<i>Bryan W. Davis</i>	4/8/15
NRC INSPECTOR	Geoffrey M. Warren / Dennis O'Dowd	<i>Geoffrey M. Warren / Dennis O'Dowd</i>	4/7/15
BRANCH CHIEF	Aaron T. McCraw	<i>Aaron T. McCraw</i>	4/8/15

**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  Bryan W. Davis, Manager	4. TELEPHONE NUMBER  (816) 364-2890
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Main Office Inspection      Next Inspection Date: 3/26/2020

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

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

**PROGRAM SCOPE**

This was a routine, unannounced, inspection. The licensee was an engineering firm that used portable gauges to verify inventory of coal stockpiles for fossil fuel plants nationwide. The company had four crews, each crew using two Troxler 1351 gauges daily at temporary job sites, with jobs lasting up to two weeks. The licensee possessed 23 gauges as described on the license. The licensee did not perform any service or maintenance activities on its gauges; these services were performed by the manufacturer. Devices were stored at the licensee's office in St. Joseph, Missouri. The licensee secured the gauges in accordance with the two barriers rule in both their storage facility and in vehicles.

Performance Observations: At the time of this inspection, no gauges were in use in NRC jurisdiction. The inspector observed storage of gauges in vehicles and in the office. Licensee personnel demonstrated and described the use and transport of gauges, placement and handling of shipping papers, emergency procedures, inventory and leak test procedures, and other activities. The inspector noted no concerns with these activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Review of dosimetry records indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee surveys records and postings.

The inspectors identified a violation concerning the failure to sign out gauges when taking them to temporary job sites. The licensee was previously cited for this violation in 2010. This is not considered to be a repeat violation because the root cause and circumstances were different.

## Warren, Geoffrey

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**From:** MIKON Corporation <mikon@mikoncorp.com>  
**Sent:** Wednesday, April 08, 2015 3:30 PM  
**To:** Warren, Geoffrey  
**Subject:** RE: NRC Inspection Report - Mikon Corporation  
**Attachments:** MIKON001.pdf

Please see attached.

Sincerely,

Bryan W. Davis, MIKON Corporation  
4414 B South 40th Street | St. Joseph, MO 64503 | 816.364.2890

BWD/JBP:js

-----Original Message-----

**From:** Warren, Geoffrey [<mailto:Geoffrey.Warren@nrc.gov>]  
**Sent:** Wednesday, April 08, 2015 2:45 PM  
**To:** [mikon@mikoncorp.com](mailto:mikon@mikoncorp.com)  
**Subject:** NRC Inspection Report - Mikon Corporation

Please have a member of company management review the attached inspection report. Once they have done so, have them print their name and full title in the box by the box marked "Licensee's Representative", then sign and date in the appropriate boxes. This signature indicates agreement with the listed corrective actions for the violation. After it is signed, please scan and e-mail the signed report back to me at the e-mail address above or fax it to 630-515-1259.

Please contact me if you have any questions.

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Geoffrey Warren  
Senior Health Physicist  
NRC Region III  
630-829-9742