

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Alfred Benesch & Company 4660 South Hagadorn Road Suite 315 East Lansing, MI 48823 REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Rd, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-38583	4. LICENSE NUMBER(S) 21-35013-01	5. DATE(S) OF INSPECTION August 16, 2018 with in-office review till August 31, 2018	

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	Zahid Sulaiman, Health Physicist	<i>Zahid Sulaiman</i>	9/13/18
BRANCH CHIEF	Geoffrey Warren, Acting Chief, MIB	<i>GJW</i>	9/13/18

Docket File Information

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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Wilson Padilla, RSO	4. TELEPHONE NUMBER (517) 482-1662
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 08/16/2023 <input type="checkbox"/> Field Office Inspection <input type="checkbox"/> Temporary Job Site Inspection			

PROGRAM SCOPE

This was a routine unannounced inspection of a small engineering firm. The licensee possesses two moisture density gauges (Troxler, Model 3400) for use during the construction season (April-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges. The services were performed by the manufacturer or authorized vendor. The gauges were stored with two independent physical barriers at the licensee's facility. The licensee employs four authorized gauge users who have completed the manufacturer's and the DOT hazmat training.

Performance Observations

At the time of this inspection, the gauges were not in use. The inspector observed all gauges were adequately secured with two independent barriers while in storage. The inspector had an authorized user demonstrate gauge use and operations, security during transport, and the wipe test of the gauges. The operator demonstrated an adequate level of understanding of emergency and handling procedures. Security during transport and at the temporary job-site was described with no issues noted. The authorized user possessed required shipping papers that contained all appropriate information and demonstrated that the shipping papers were accessible in the transport vehicle. The licensee had a consulting company that conducts the calibration and the leak tests. The inspector reviewed the utilization logs, inventories, leak tests, dosimetry records, survey instrument availability, manufacturer training certificates, and DOT hazmat training with no issues noted. Independent measurements taken did not indicate readings in excess of the Title 10 Code of Federal Regulation (10 CFR) Part 20 limits in restricted or unrestricted areas.

No violation of NRC requirements were identified during this routine inspection.

GW
9/13/18