



Materials Inspection Report

1. Licensee/Location Inspected: Alfred Benesch & Company 4660 South Hagadorn Road East Lansing, MI 48823 Location inspected: Brighton, MI Report Number(s) 2024-002	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-38583	4. License Number(s) 21-35013-01	5. Date(s) of Inspection 08/08-16/24; exit 08/20/24
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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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Ryan Craffey	 <small>Digitally signed by RYAN CRAFFEY Date: 2024.08.23 17:21:15 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by RHEX EDWARDS Date: 2024.08.26 06:46:57 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Alfred Benesch & Company		2. Docket Number(s): 030-38583		3. License Number(s) 21-35013-01	
4. Report Number(s): 2024-002			5. Date(s) of Inspection: August 8 and 16, 2024; exit August 20, 2024		
6. Inspector(s): Ryan Craffey, Carol Dye		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: IP 87139	
10. Licensee Contact Name(s): Wilson Padilla - RSO		11. Licensee E-mail Address: wpadilla@benesch.com		12. Licensee Telephone Number(s): 616-330-4088 direct 616-893-7313 mobile	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Main Office <input type="checkbox"/> Remote <input type="checkbox"/> Temporary Job Site		15. Next Inspection Date (MM/DD/YYYY): 08/08/2029 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: Field Office: 10484 Citation Drive, Brighton, MI					
17. Scope and Observations: Alfred Benesch & Company, a planning, engineering and design firm, was authorized to use and store portable moisture density gauges containing byproduct material at offices in Brighton, Grand Rapids, Negaunee, and Marquette, Michigan, and to use those gauges for measuring the physical properties of construction materials at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee owned five portable gauges and rented another two from a gauge service center in Grand Rapids. Gauges were currently present at all locations except Marquette. Approximately 35 individuals were authorized to use the gauges, including summer interns. The licensee's RSO was based in Grand Rapids, but worked in the field or at home most of the time. On August 8, the inspectors toured the licensee's field office in Brighton. All areas were adequately posted, and the gauge there was adequately secured against unauthorized removal by a minimum of two barriers. The gauge was in good condition, as was its transport case, which was properly marked and labeled as well. Independent surveys in unrestricted areas inside the office were below regulatory limits to members of the public. Surveys in the vicinity of the gauge were consistent with radiation profiles in the applicable SDR safety evaluation (NC-646-D-830-S). Utilization logs, shipping papers, emergency response information, current leak tests for the gauge present, and a copy of the licensee's O&E procedures were readily available. An authorized user based in Brighton demonstrated and discussed measures for safe and secure transport and use of the gauge. The inspectors found the user to be knowledgeable of radiation protection principles, regulatory requirements, and licensee procedures. On August 16, an inspector met with the licensee's RSO and site RSOs to evaluate their oversight of the radiation protection program. The inspector reviewed and discussed the RSO's latest program audit (no findings), reviewed recent physical inventories and materials accountability measures, discussed gauge maintenance and emergency response measures (the licensee has access to survey instruments from a gauge service center in Grand Rapids, as well as its Milwaukee, WI office), and reviewed authorized user training records and personnel dosimetry reports. No violations of NRC requirements were identified as a result of this inspection.					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, appearing to be 'RHEX EDWARDS', written over a horizontal line.

Digitally signed by RHEX EDWARDS
Date: 2024.08.26 06:46:33 -05'00'