



**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Cochran 530A East Independence Drive Union, MO 63084  REPORT NUMBER(S) 2016001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Rd, Suite 210 Lisle, IL 60532
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3. DOCKET NUMBER(S)  030-37025	4. LICENSE NUMBER(S)  24-32594-01	5. DATE(S) OF INSPECTION  September 1, 2016 w/ in-office review till September 16, 2016
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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  Marlene D. Maag, RSO	4. TELEPHONE NUMBER  (314) 974-9891
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Main Office Inspection                      Next Inspection Date: 06/23/2021

Field Office Inspection    10 East Main St, Wentzville, MO

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

**PROGRAM SCOPE**

This was a routine inspection of a consultant firm. The licensee had total of eight Humboldt Scientific Inc, Model 5001 series portable gauges for use daily/weekly for soils engineering projects. At the time of the inspection, licensee possessed five gauges at its main office in Union, MO, two gauges at Wentzville, MO facility and one in Fenton, MO. The gauges were stored with two independent physical barriers at the licensee's facility. The licensee does not perform any service or maintenance activities on its gauge. The services were performed by the manufacturer or vendor. The licensee employs six authorized users (AU) at Union, MO, two AUs at Wentzville, MO and one AU at Fenton, MO. All the authorized users have completed the manufacturer 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, and security during transport. The authorized user demonstrated an adequate level of understanding of emergency and handling procedures. Security of gauges at temporary job-sites 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 conduct the calibration and the leak tests. 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. The licensee possessed a radiation survey meter that performed well in side-by-side with an NRC instrument. The inspector reviewed the utilization logs, leak tests, inventories, dosimetry records, manufacturer training certificates and hazmat training with no issues noted.

During this inspection, the inspector reviewed the previous violation of Department of Transportation (DOT) requirements for failure to ensure that five employees completed the recurrent hazmat training. The inspector verified the licensee corrective actions, hazmat training documents, and considered the violation to be closed.

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