

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE Associated Engineering and Technology, REPORT 3035259/2005001		2. NRC/REGIONAL OFFICE	
3. DOCKET NUMBER(S) 03035259	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 03121	2. PRIORITY 5	3. LICENSEE CONTACT Ashok Medi	4. TELEPHONE NUMBER 219/972-3517
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Main Office Inspection Next Inspection Date: November 2, 2010

Field 4 S 100 N Route 59, Suite 10, Naperville, IL

Temporary Job Site

PROGRAM SCOPE

The inspector noted that at the time of this inspection, the licensee has no one working at the Highland, Indiana facility. The Troxler Model 3440 gauge has been transferred to the licensee's office located at 4S 100 N Route 59, Suite 10, Naperville, Illinois. The phone number at this facility is (630) 420-8300. This facility has some one present about half a day. The inspector obtained a copy of the licensee's Illinois license (IL-01473-01). The Illinois license allows the licensee to possess both Troxler and CPN gauges at its Illinois location. The licensee has three CPN gauges in addition to the one Troxler gauge. The licensee uses the CPN gauges only in Illinois.

The licensee is a small engineering firm that employs six individuals. The licensee possesses one Troxler Model 3440 moisture density gauge used daily/weekly 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. Currently, the licensee employs three authorized gauge users who have completed manufacturers training. Device is stored in a vault in the licensee's office in Naperville, Illinois.

Performance Observations

At the time of this inspection, the gauge was not in use. The inspector conducted a records review of the following: shipping papers, dosimetry data, leak test, and inventory records. The inspectors observed that the gauges were stored in locked cases, in a locked and posted storage closet. The inspector asked a user to demonstrate transport, handling, and emergency procedures. The user demonstrated an adequate level of understanding of emergency and handling procedures. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records, < 2 mR/hour.