



**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Gaunt & Son Asphalt, Inc. 5511 West Old 24 Wabash, IN 46992  REPORT NUMBER(S) 2017001	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)  030-31468	4. LICENSE NUMBER(S)  13-26111-01	5. DATE(S) OF INSPECTION  October 10, 2017
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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  All
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Sam Knight - VP, RSO	4. TELEPHONE NUMBER  (260) 563-1821
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Main Office Inspection      Next Inspection Date: 10/10/2022

Field Office Inspection

Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced routine inspection of an asphalt pavement company authorized to use and store portable moisture density gauges at its facility in Wabash, Indiana, and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee had one Troxler 3440 gauge, one Troxler 3241-M gauge, and three authorized users (including the RSO) trained to use them. The licensee performed asphalt sample analysis with the 3241-M gauge several times a year at its materials testing lab on the premises of its facility in Wabash. The licensee had not used its 3440 gauge in several years.

**PERFORMANCE OBSERVATIONS**

The inspector toured the facility in Wabash to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys in the vicinity of the gauges and their storage location. Readings were consistent with those provided in the applicable SDDR safety evaluations. Moreover, the inspector found no exposures in excess of regulatory limits in any unrestricted areas. The licensee secured both gauges with at least two barriers when not in use. The licensee had no work involving the gauges ongoing or planned at the time of the inspection; instead, the licensee's staff demonstrated and discussed the implementation of procedures for gauge transportation, use, and maintenance. Through these discussions, the inspector found the licensee's staff knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of records, including operating and emergency procedures, shipping papers, radiation safety and hazmat training for a new authorized user, dosimetry reports, semiannual inventories, and results of annual leak tests for both gauges.

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