

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Holcim (US), Inc. 2942 U.S. Highway 61 Bloomsdale, MO 63627</p> <p>REPORT NUMBER(S) 2014-001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-37779</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32702-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>APRIL 4, 2014</p>

**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:


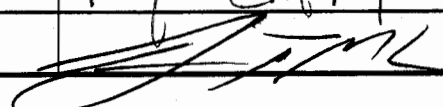
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey		4/4/14
BRANCH CHIEF	Aaron McCraw		4/9/14

**Docket File Information**  
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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)  03120	2. PRIORITY  5	3. LICENSEE CONTACT  Erin Watson - RSO	4. TELEPHONE NUMBER  (636) 524-8155
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Main Office Inspection                      Next Inspection Date: April 4, 2019

Field Office Inspection

Temporary Job Site Inspection

**PROGRAM SCOPE**

This was a routine inspection of a cement manufacturing facility authorized to use sealed sources of byproduct material for level measurements and elemental analysis of bulk materials at its facility in Bloomsdale, Missouri. At the time of the inspection, the RSO was the only individual involved in the oversight of licensed material. However, the licensee was considering sending another individual to RSO training to serve as a backup. Authorized service providers collected and analyzed leak tests of the licensee's elemental analyzers every six months, and performed maintenance, source exchanges and initial surveys when needed. The RSO collected leak tests of the level measurement gauges every three years for analysis by an authorized service provider, performed shutter checks and physical inventories every six months, and reviewed the content and implementation of the radiation safety program annually.

**PERFORMANCE OBSERVATIONS**

The inspector toured the facility, and observed the condition and posting of all of the licensee's devices. Independent surveys in the vicinity of each demonstrated compliance with public dose limits. The RSO demonstrated the implementation of procedures for leak tests and shutter checks, and discussed with the inspector the licensee's lockout and emergency response procedures.

The inspector reviewed a selection of licensee records for leak tests, shutter checks, inventories, source exchanges, initial surveys, training and audits.

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