



Materials Inspection Report

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| 1. Licensee/Location Inspected: ESSROC Cement Corporation Highway 31 Speed, IN 47172 Report Number(s) 2023-001 | 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) 030-33669 | 4. License Number(s) 13-26609-01 | 5. Date(s) of Inspection 3/23/23-4/30/24 |
|-----------------------------------------|--------------------------------------------|----------------------------------------------------|

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 | Michael Reichard (on-site), Daniel Fiedorek | Deborah A. Piskura <small>Digitally signed by Deborah A. Piskura Date: 2024.05.01 08:46:55 -05'00'</small> |
| BRANCH CHIEF | Rhex Edwards | <small>Digitally signed by RHEX EDWARDS Date: 2024.05.02 09:40:14 -05'00'</small> |



Materials Inspection Record

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|--------------------------------------------------------------|--|----------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------|--|
| 1. Licensee Name: ESSROC Cement Corporation | | 2. Docket Number(s): 030-33669 | | 3. License Number(s) 13-26609-01 | |
| 4. Report Number(s): 2023-001 | | | 5. Date(s) of Inspection: 3/23/2023, with in office review through 4/30/2024 | | |
| 6. Inspector(s): Michael Reichard (on-site) * | | 7. Program Code(s): 03120 | 8. Priority: 5 | 9. Inspection Guidance Used: 87124 | |
| 10. Licensee Contact Name(s): Jeremy Black, Plant Manager | | 11. Licensee E-mail Address: jeremy.black@heidelbergmaterials.com | | 12. Licensee Telephone Number(s): (812) 246-7726 | |

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|--------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 13. Inspection Type: <input type="checkbox"/> Initial | | 14. Locations Inspected: <input checked="" type="checkbox"/> Hybrid | | 15. Next Inspection Date (MM/DD/YYYY): N/A, License Terminated <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change | |
| <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced | | <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office | | | |
| <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced | | <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote | | | |

16. Location(s) Inspected List:
* in office review by Deborah Piskura and Daniel Fiedorek

Highway 31
Speed, IN 47172

17. Scope and Observations:

This was an unannounced routine inspection of a fixed gauge licensee in Speed, Indiana, with in office review through April 30, 2024. The licensee was authorized for one Cf-252 Thermo Electron gauge and one Cs-137 Omhart Corporation gauge. Upon arrival at the facility the inspector noted that the Cs-137 gauge had been disposed of and that the plant was in process for closing down. In office review consisted of reviewing the licensee's termination request and source transfer records.

The inspector observed the Cf-252 gauge and noted all readings, markings, and postings of the gauge were acceptable. Records were unavailable for review because the RSO was not on site during the inspection.

The licensee filed a notice of termination on October 17, 2023. In the termination request the licensee provided confirmation of source transfer to an authorized recipient. The licensee also provided source transfer confirmation of the Cs-137 sealed source to an authorized recipient. The license was terminated on April 24, 2024.

No violations of NRC requirements were identified during the inspection.

Signature and Date - Branch Chief

Digitally signed by RHEX EDWARDS
Date: 2024.05.02 09:39:52 -05'00'

From: [Daniel Fiedorek](#)
To: jeremy.black@heidelbergmaterials.com
Cc: [Deborah Piskura](#)
Subject: NRC License No. 13-26609-01 Inspection Report
Date: Thursday, May 2, 2024 10:22:00 AM
Attachments: [ESSROC Cement Corporation_030-33669_13-26609-01-IR2023-001_591M.pdf](#)

Good Morning Jeremy,

Thank you for speaking with Debbie and I yesterday to close out this inspection. No violations of NRC requirements were found during the inspection. Attached is a copy of the inspection report, NRC Form 591M. Please keep this report with other NRC files. It will also be electronically available in ADAMS along with a detailed record of the inspection, NRC Form 592M.

Please let Debbie or I know if you have any questions.

Daniel Fiedorek
U.S. NRC | Region III
Division of Radiological Safety and Security (DRSS)
Materials Inspection Branch (MIB)
daniel.fiedorek@nrc.gov | 630-829-9836

