

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Arcelormittal USA, LLC 3210 Watling Street East Chicago, IN 46312  REPORT NUMBER(S) 2013-001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-35880	4. LICENSE NUMBER(S)  13-32359-01	5. DATE(S) OF INSPECTION  8/12/2013	

**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.

Two Non-cited violation(s) were discussed involving the following requirement(s):

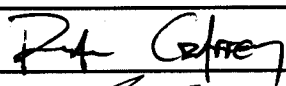
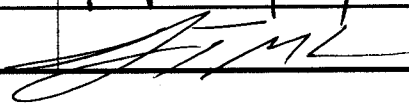
License Condition 15 requires, in part, that the licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license.

License Condition 15.A requires, in part, that each gauge shall be tested for the proper operation of the on-off mechanism at intervals not to exceed 6 months or at such longer intervals as specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or the equivalent regulations of an Agreement State.

- 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		8/19/13
BRANCH CHIEF	Aaron McCraw		8/17/13

**Docket File Information**

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<p>3. DOCKET NUMBER(S)</p> <p>030-35880</p>	<p>4. LICENSE NUMBER(S)</p> <p>13-32359-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>8/12/2013</p>
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<p>6. INSPECTION PROCEDURES USED</p> <p>87124</p>	<p>7. INSPECTION FOCUS AREAS</p> <p>All</p>
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**SUPPLEMENTAL INSPECTION INFORMATION**

<p>1. PROGRAM CODE(S)</p> <p>03120</p>	<p>2. PRIORITY</p> <p>5</p>	<p>3. LICENSEE CONTACT</p> <p>Scott Bush - RSO</p>	<p>4. TELEPHONE NUMBER</p> <p>(219) 399-6498</p>
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Main Office Inspection      Next Inspection Date: August 2018

Field Office Inspection    3001 Dickey Road, East Chicago, IN

Temporary Job Site Inspection

**PROGRAM SCOPE**

The licensee is an international steel production corporation authorized to use sealed sources of radioactive material for measuring physical properties of materials at its facilities in East Chicago, Indiana. The licensee possesses over a hundred specifically licensed gauges and fourteen generally-licensed devices, but does not possess any aggregated quantity of material that would trigger additional security requirements. The licensee performs a physical inventory, leak tests and shutter checks every six months. The RSO supervises these activities, which are performed by authorized users who work at the various mills. The licensee is authorized for non-routine maintenance, but has of late deferred the conduct of these activities to an authorized service provider. The licensee also retains the services of a consultant who performs program audits and in-house radiation safety training.

**PERFORMANCE OBSERVATIONS**

The inspector toured several production facilities and gauge storage locations, and observed the condition, labeling and posting of 33 devices. Independent surveys in the vicinity of these locations demonstrated compliance with public dose limits. Confirmatory surveys demonstrated the adequacy of the licensee's survey instruments and techniques. The inspector interviewed the RSO, another health and safety representative, the plant health and safety manager, one authorized user and a chemistry lab technician. All demonstrated adequate knowledge of radiation protection principles and licensee procedures. The inspector reviewed licensee records for inventory, leak testing, shutter checks, training, dosimetry, and audits of the radiation safety program.

During the review of inventory records, the inspector found that the licensee had not performed a complete physical inventory of its gauges between the months of September 2009 and March 2012. License Conditions 15 and 15.A require the performance of physical inventories and shutter checks, respectively, at intervals not to exceed 6 months. The current RSO identified these violations when he assumed responsibility for the program in early 2012, and took corrective action by developing his own administrative process for completing the semi-annual inventory.

Because the licensee identified the violations and took corrective action, and because the inspector determined that the violations were non-willful and non-repetitive, the NRC has decided to disposition them as non-cited violations.