



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604**

**DATE:** 07/27/2021

**SUBJECT:** CLEAN AIR ACT INSPECTION REPORT  
Nucor Tubular Products, Bedford Park, IL 60638

**FROM:** Karyn DeFranco  
AECAB (MN/OH)

**THRU:** Brian Dickens, Section Chief  
AECAB (MN/OH)

**TO:** File

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**BASIC INFORMATION**

**Facility Name:** Nucor Tubular Products

**Facility Location:** 6226 W. 74th Street, Bedford Park, IL 60638

**Date of Inspection:** 06/28/2021

**EPA Inspector(s):**

1. Karyn DeFranco, Inspector
2. Karina Kuc, Inspector

**Other Attendees:**

1. Sarah Scriven, Safety Coordinator, Nucor Tubular Products
2. Edye Raymond, Environmental Manager, Nucor Tubular Products

**Contact Email Address:** [sarah.scriven@nucor.com](mailto:sarah.scriven@nucor.com) and [edye.raymond@nucor.com](mailto:edye.raymond@nucor.com)

**Purpose of Inspection:** To investigate compliance with the FESOP and VOC usage and emission limits

**Facility Type:** Tubular steel products manufacturing

**Regulations Central to Inspection:** The FESOP requires compliance with VOC usage and emission limits for the coolant and Rust Preventative Coating.

**Arrival Time:** June 28th, 2021, 10:34 AM

**Departure Time:** June 28th, 2021, 12:57 PM

**Inspection Type:**

- Unannounced Inspection
- Announced Inspection

**OPENING CONFERENCE**

- Presented Credentials
- Stated authority and purpose of inspection
- Provided Small Business Resource Information Sheet
- Small Business Resource Information Sheet not provided. Reason: Not a small business.
- Provided CBI warning to facility

The following information was obtained verbally from Nucor Tubular Products (Nucor) unless otherwise noted.

**Process Description:**

Nucor operates a steel tube manufacturing facility. Steel coils are fed through the slitter then ran through the mill where they are bent, welded, and sawed into the desired tube dimensions. During the tube manufacturing process, coolant is constantly running though the mill from a pit underneath. After the steel is cut, some products receive a rust preventative spray.

**Staff Interview:**

In late 2016 Nucor acquired Independence Tube. The only equipment change was the addition of a bundler. At this location, Nucor has 112 employees and operates two shifts, five days per week.

At the time of the tour walk through the mill was down due to part changeouts, which typically occurs one or two times per day. Besides mill maintenance and changeouts, the mill is always operating when the facility is operating.

Nucor has permitted emission limits on the coolant and rust preventative spray. In 2019 or 2020 Nucor changed the coolant to a coolant with lower VOC.

**TOUR INFORMATION**

**EPA Tour of the Facility:** Yes

**Data Collected and Observations:**

EPA toured the facility. EPA inspected process areas, the coolant pit, and the mill line. The mill line was not in operation during the tour.

**Photos and/or Videos:** were not taken during the inspection.

**Field Measurements:** were not taken during this inspection.

**CLOSING CONFERENCE**

Provided U.S. EPA point of contact to the facility

**Requested documents:**

- Purchase records and usage for the coolant and the rust preventative spray, 2019 and 2020;
- SDS sheets for the coolant and rust preventative spray; and
- Annual emissions spreadsheet calculations and report for 2020.

**DIGITAL SIGNATURES**

Report Author: **KARYN DEFRANCO** Digitally signed by KARYN DEFRANCO  
Date: 2021.07.26 14:17:14 -05'00'

Section Chief: \_\_\_\_\_