



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

**DATE:** See Date of Section Chief Signature Below

**SUBJECT:** CLEAN AIR ACT INSPECTION REPORT  
Caterpillar Inc. – East Peoria Campus, East Peoria, Illinois

**FROM:** Dakota Prentice, Environmental Engineer  
AECAB (IL/IN)

**THRU:** Nathan Frank, Section Chief  
AECAB (IL/IN)

**TO:** File

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**BASIC INFORMATION**

**Facility Name:** Caterpillar Inc. – East Peoria Campus

**Facility Location:** 100 Tractor Drive, East Peoria, IL

**Date of Inspection:** August 10, 2021

**EPA Inspector(s):**

1. Dakota Prentice, Environmental Engineer
2. Emma Leeds, Environmental Engineer

**Other Attendees:**

1. Scott Hacke, EHS Professional – Caterpillar, Inc.

**Contact Email Address:** Hacke\_Scott\_A@cat.com

**Purpose of Inspection:** Compliance with Title V permit and responding to a community odor complaint

**Facility Type:** Heavy equipment finishing and assembly

**Regulations Central to Inspection:** Coating operations are subject to NESHAP MMMM and various requirements of the Illinois State Implementation Plan.

**Arrival Time:** 2:10 PM  
**Departure Time:** 5:30 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 Mr. Hacke unless otherwise noted.

**Process Description:**

The facility is best described as a campus with multiple building participating in various parts of Caterpillar’s worldwide business operations. Operations listed below are limited to those relevant to the Clean Air Act (CAA):

- Building KK – transmission assembly, includes some heat treatment and painting operations
- Building SS – bulldozer or “track-type tracker” assembly
- Building LL – metalworking associated with metal wheels for tractor tracks, includes welding, grinding, and painting operations
- Buildings GG and BB – tractor undercarriage work including heat treatment and track assembly
- Building FA – solvent still, reclaims solvent from onsite paint lines

**TOUR INFORMATION**

**EPA Tour of the Facility:** Yes

**Data Collected and Observations:**

Mr. Hacke provided a tour of the campus to EPA. Operations relevant to the CAA and the generation of emissions were not in operation during the plant tour. EPA observed a recently installed Dip Tank system.

**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:**

- Two years of semi-annual/quarterly reports associated with CAA compliance
- Monthly prime coat usage, top-coat usage, and clean-up solvent usage for 2019 - 2021
- SDS sheets for coatings used to demonstrate compliance with NESHAP MMMM
- Provide a narrative on operation of the High Velocity Oxy-Fuel Thermal Spray Line
- Provide a narrative on operation of the facility's water wash system used to control emissions
- A copy of the construction permit for the new Dip Tank
- Records for weekly dry filter and waterfall collectors in 2021

**DIGITAL SIGNATURES**

Report Author: DAKOTA PRENTICE Digitally signed by DAKOTA PRENTICE  
Date: 2021.09.22 14:19:58 -05'00'

Section Chief: NATHAN FRANK Digitally signed by NATHAN FRANK  
Date: 2021.09.22 14:53:23 -05'00'