



**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

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'