



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

OCT 25 2019

DATE:

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Rolls-Royce Corporation, Indianapolis, Indiana

FROM: Manojkumar P Patel, Environmental Engineer
AECAB (MI/WI)

THRU: Sarah Marshall, Section Chief
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Rolls-Royce Corporation, Indianapolis, Indiana

Facility Location: 2001 South Tibbs Avenue, Indianapolis, Indiana

Date of Inspection: August 28, 2019

EPA Inspector(s):

1. Manojkumar P Patel, Environmental Engineer

Other Attendees

1. Pravin Patel, Environmental Specialist, Environmental Sciences, Rolls-Royce Corporation
2. Eugene Jend, Safety Engineer, Test Operations, Rolls-Royce Corporation
3. Christopher Cissell, Environmental Specialist, Indiana Department of Environmental Management

Contact Email Address: pravin.g.patel@rolls-royce.com

Purpose of Inspection: National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Standards, 40 C.F.R. Part 63, Subpart P P P P P

Facility Type: Aviation Engine Manufacturer

Arrival Time: 9:00 AM CST

Departure Time: 4:00 PM CST

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from the facility personnel unless otherwise noted.

Process Description:

Rolls-Royce manufactures aerospace engine at Plant 8 located at 2001 South Tibbs Avenue and at Plant 5 located at 2355 South Tibbs Avenue, Indianapolis, Indiana. The facility has about thirty-five (35) test cells. These test cells are used in testing different types of aviation engines with varieties of fuels such as jet fuel, diesel oil 32, ultra-low sulfur diesel, and natural gas. Most engines are tested for performance, power output, vibration, leaks, temperature, electronic controls, and thrust.

TOUR INFORMATION

EPA toured the facility: Yes

Photos and/or Videos: were taken during the inspection.

Field Measurements: were not taken during this inspection.

RECORDS REVIEW

EPA did not review any records on-site.

CLOSING CONFERENCE

Requested documents:

- The facility personnel took pictures on their camera due to the policy. EPA requested those pictures for the report. The facility sent pictures to EPA through electronic mail on August 29, 2019.

SIGNATURES

Report Author: REP26 Date: 10/25/19

Section Chief: [Signature] Date: 10/25/19

Facility Name: Rolls-Royce Corporation, Indianapolis, Indiana

Facility Location: 2001 South Tibbs Avenue, Indianapolis, Indiana, *Facility City, Facility State*

Date of Inspection: August 28, 2019

APPENDICES AND ATTACHMENTS

1. *Appendix A – Digital Image Log*

Facility Name: Rolls-Royce Corporation, Indianapolis, Indiana
Facility Location: 2001 South Tibbs Avenue, Indianapolis, Indiana
Date of Inspection: August 28, 2019

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Pravin G. Patel, Rolls-Royce Corporation	2. Date(s) of Inspection: August 28, 2019
3. Company/Facility Name: Rolls-Royce Corporation, Indianapolis, Indiana	4. Street Address, City, State: 2001 South Tibbs Avenue, Indianapolis, Indiana
5. Number of Images: 05	6. Archival Record Location: "USB Flash Dive labeled as "Rolls-Royce CAA Inspection August 28, 2019"