



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

DATE: NOV 05 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Keck's Repair, Inc., Owatonna, Minnesota

FROM: Patrick Miller, Environmental Engineer
AECAB (MN/OH)

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

TO: File

BASIC INFORMATION

Facility Name: Keck's Repair, Inc.

Facility Location: 7123 SW 82nd Ave, Owatonna, Minnesota 55060

Date of Inspection: September 18, 2019

EPA Inspector(s):

1. Patrick Miller, Environmental Engineer
2. Cody Yarbrough, Environmental Engineer

Other Attendees

1. Brian Keck, Owner
2. David Bjorge, Service Manager

Contact Email Address: info@kecksrepair.com

Purpose of Inspection: Mobile source

Facility Type: Diesel repair shop

Regulations Central to Inspection: Title II of the CAA

Arrival Time: 1:00 PM

Departure Time: 3:25 PM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Mr. Bjorg and Mr. Keck unless otherwise noted.

Process Description:

Keck's Repair Inc. (Keck's) is a heavy-duty diesel engine (HDDE) repair shop. Up until three years ago, Keck's also operated a trucking company. Keck's is a full-service shop and can service any size HHDE including agricultural and industrial equipment. Keck's also has a roadside repair service for vehicles experiencing issues on the highway. Keck's diagnoses issues with HHDEs by using both original equipment manufacturer (OEM) and aftermarket software. The software allows Keck's to force a diesel particulate filter (DPF) regeneration cycle on a vehicle. The software does not have the capability to reflash emission control modules (ECM). The aftermarket software seems to perform better than the OEM software in connecting to the vehicle and for troubleshooting.

Keck's services emission control devices. DPFs are removed and sent to a dealer or a local business for cleaning. If the DPF media is cracked, the DPF needs to be replaced. Keck's uses aftermarket DPFs such as those from Roadwarrior Inc. Keck's uses OEM parts for other emission control equipment besides DPFs.

Keck's does not perform ECM tunes or modifications that allow vehicles to operate without emission controls. No performance work (tuning and removal of emission controls) is done by Keck's.

TOUR INFORMATION

EPA toured the facility: Yes

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

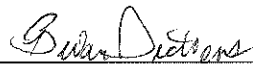
Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

Compliance Assistance: During the inspection, EPA discussed that modifications to EPA-certified HDDE vehicles with tuning can increase emissions out the tail pipe. Any tuner sold must have California Air Resource Board Executive Orders.

SIGNATURES

Report Author:  Date: 11/5/19

Section Chief:  Date: 11/4/19

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ATTACHMENTS

1. Clean Air Act Title II: Tampering Inspection form
2. Digital Image Photo Log

Facility Name: Keck's Repair, Inc.

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DIGITAL IMAGE LOG

1. Inspector Name: Patrick Miller	2. Date(s) of Inspection: September 18, 2019
3. Company/Facility Name: Keck's Repair, Inc.	4. Street Address, City, State: 7123 SW 82nd Ave, Owatonna, Minnesota
5. Number of Images: 1	6. Archival Record Location: CD-R labeled "Keck's 9/18/2019"

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1: IMG_0224.JPG

Location: Keck's Repair Inc.

Photographer: Patrick Miller

Date/Time: 9/18/2019 3:14 PM

Camera Direction: Indoors

Description: Counter top mat from Full Tilt Performance