



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding a
Significant Modification to a
Part 70 Operating Permit

for Caterpillar Inc. in Tippecanoe County

Part 70 Significant Permit Modification No.: T157-44921-00044

The Indiana Department of Environmental Management (IDEM) has received an application from Caterpillar Inc., located at 3701 South Street, Lafayette, Indiana 47905, for a significant modification of its Part 70 Operating Permit issued on July 3, 2017. If approved by IDEM's Office of Air Quality (OAQ), this proposed modification would allow Caterpillar Inc. to make certain changes at its existing source. Caterpillar Inc. has applied to replace the G3520e+ engine on endurance pad Test Cell M530 with a 2 MW G3516H engine and to install a new endurance pad Test Cell M532 consisting of a 1.5 MW G3516J engine, as follow:

- (a) One (1) endurance test cell, identified as M532, exhausting at stack vent M532, consisting of one (1) natural gas-fired engine (G3516J) with a maximum capacity of 1.5 electrical MW (10.8 MMBtu/hr maximum fuel heat input capacity) approved in 2022 for construction. CO and VOC emissions are voluntarily controlled by Oxidation Catalytic Technology.

This facility is subject to the provisions of 40 CFR 63, Subpart P P P P P.

- (b) One (1) endurance test cell, identified as M530, exhausting at stack vent M530, consisting of two (2) natural gas-fired engines, one (1) with a maximum capacity of 2 electrical MW (16.5 MMBtu/hr maximum fuel heat input capacity), identified as Engine 1 (G3516H), approved in 2022 for construction, and one (1) with a maximum capacity of 3.2 electrical MW (28.0 MMBtu/hr fuel input), identified as Engine 2 (G3520), approved in 2021 for construction. CO and VOC emissions are controlled by Oxidation Catalytic Technology.

This facility is subject to the provisions of 40 CFR 63, Subpart P P P P P.

The applicant intends to construct and operate new equipment that will emit air pollutants; therefore, the permit contains new or different permit conditions. In addition, some conditions from previously issued permits/approvals have been corrected, changed, or removed. These corrections, changes, and removals may include Title I changes (e.g., changes that add or modify synthetic minor emission limits). IDEM has reviewed this application and has developed preliminary findings, consisting of a draft permit and several supporting documents, which would allow the applicant to make this change.

A copy of the permit application and IDEM's preliminary findings have been sent to:

Tippecanoe County Library Downtown Library
627 South Street
Lafayette, IN 47901

A copy of the preliminary findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

A copy of the application and preliminary findings is also available via IDEM's Virtual File Cabinet (VFC). To access VFC, please go to: <https://www.in.gov/idem/> and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

How can you participate in this process?

This notice is posted on IDEM's website (<https://www.in.gov/idem/public-notices/>). The date that this notice is posted on IDEM's website marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the **air pollution impact** of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If IDEM decides to conduct a public hearing and/or public meeting, IDEM will post a separate announcement of the date, time, and location of that public hearing and/or public meeting on IDEM's website (<https://www.in.gov/idem/public-notices/>). At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number SPM 157-44921-00044 in all correspondence.

Comments should be sent to:

Hachem Ismaili Alaoui
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for Hachem Ismaili Alaoui or (317) 232-2827
Or dial directly: (317) 232-2827
Fax: (317) 232-6749 attn: Hachem Ismaili Alaoui
E-mail: hialaoui@idem.IN.gov

All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

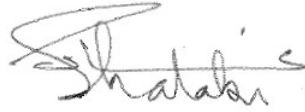
For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: <https://www.in.gov/idem/airpermit/public-participation/>; and the Citizens' Guide to IDEM on the Internet at: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to

the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above and will also be sent to the local library indicated above, and the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251.

If you have any questions, please contact Hachem Ismaili Alaoui of my staff at the above address.

A handwritten signature in black ink, appearing to read "Shalabi", with a stylized flourish above the name.

Ghassan Shalabi, Section Chief
Permits Branch
Office of Air Quality