



Resource Information

National Vehicle and Fuel Emissions Laboratory



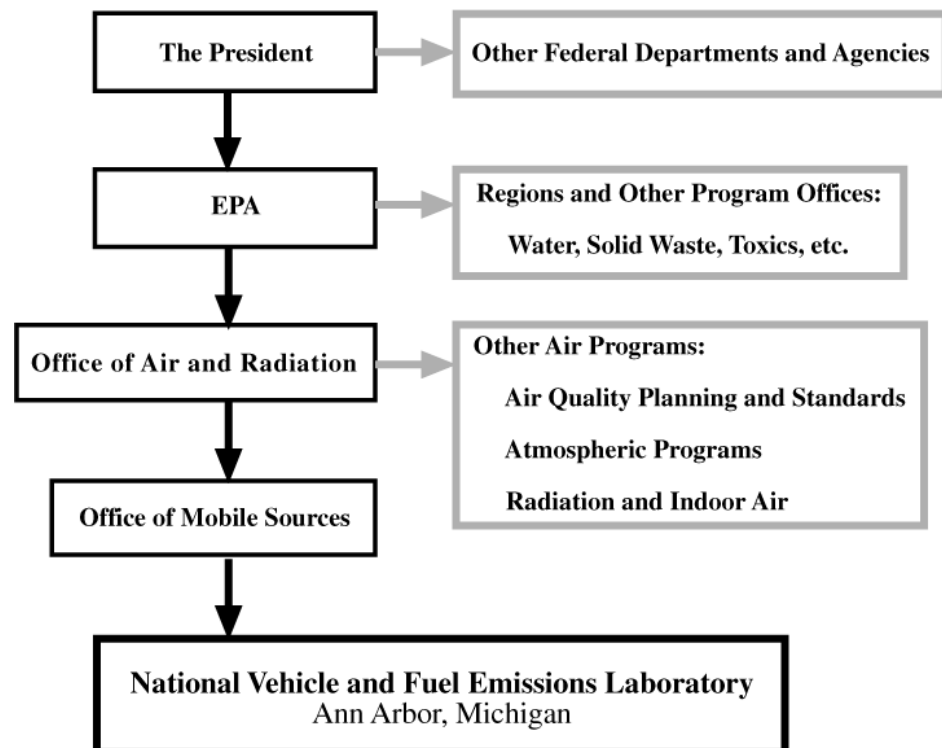
The U.S. Environmental Protection Agency's (EPA) Office of Mobile Sources (OMS) is responsible for carrying out laws to control air pollution from motor vehicles, engines, and their fuels. OMS is divided between EPA's headquarters in Washington, D.C., and the National Vehicle and Fuel Emissions Laboratory (NVFEL) in Ann Arbor, Michigan.

Overview

The Laboratory's primary responsibilities include:

- developing national regulatory programs to reduce mobile source related air pollution from light-duty cars and trucks, heavy-duty trucks and busses, and nonroad engines and vehicles.
- evaluating emission control technology.
- providing state and local air quality regulators and transportation planners with access to critical information on transportation programs and incentive-based programs.
- testing vehicles, engines and fuels.
- determining compliance with federal emissions and fuel economy standards.

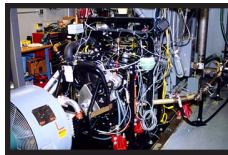
Organizationally, the lab functions as part of EPA's Washington, D.C., headquarters.



The laboratory was established in 1971, shortly after the creation of EPA. It is located in Ann Arbor, Michigan, near the headquarters of domestic automobile manufacturers to facilitate transfer of test vehicles back and forth.

There are about 400 federal and contract employees at NVFEL. Staff expertise spans a variety of technical and public policy fields including auto mechanics, engineering, chemistry, economics, natural resources management, and law.

The NVFEL lab provides the Office of Mobile Sources with emission testing services for motor vehicle, heavy-duty engine, and nonroad engine programs in support of rulemakings, enforcement actions, and procedures development. Testing activities include:



- certifying that vehicles and engines meet federal emissions and fuel economy standards.
- analyzing fuels, fuel additives, and exhaust compounds.
- testing engines for in-use compliance.

In addition, the lab assists in the development of automotive technology to reduce conventional pollutants and greenhouse gas emissions, such as Clean Car (Partnership for a New Generation of Vehicles), low NO_x diesel engine, and alternative fuel technologies.

For More Information

Additional documents on OMS programs are available electronically from the EPA Internet server at:

<http://www.epa.gov/oms>

Document information is also available by writing to:

U.S. Environmental Protection Agency
Office of Mobile Sources
2000 Traverwood Drive
Ann Arbor, MI 48105