Smoke Opacity Testing

California Council on Diesel Education and Technology (CCDET) Certified Staff

Pursuant to Viscon California's commitment of "Cleaning Tomorrow's Air Today", CCDET certified staff are available to perform opacity testing in accordance with California's state-mandated Periodical Smoke Inspection Program (PSIP).

CCDET

The CCDET program is a joint training effort by community colleges, government and industry. CCDET was created to assist the trucking and transit industries in complying with the California Air Resources Board's anti-smoke regulations.

PSIP

The PSIP was established to promote inspection of fleet vehicles. California-based truck and bus fleets with two or more vehicles are required to conduct annual smoke opacity and tampering self-inspections for all of their vehicles. To ensure compliance, the Air Resources Board audits maintenance and inspection records.

Diesel Particulate Matter

Diesel engines emit a complex mixture of air pollutants, composed of gaseous and solid material. The visible emissions in diesel exhaust are known as or particulate matter or PM. In 1998, California identified diesel exhaust particulate matter as a toxic air contaminant based on its potential to cause cancer, premature death, and other health problems.

Diesel engines also contribute to California's fine particulate matter (PM 2.5) air quality problems. In addition, diesel soot causes visibility reduction and contributes to global warming. According to California law, an airborne toxic control measure using the best available control technology must be employed to reduce the public's exposure to diesel particulate matter.

Services

Test Protocol - Viscon California's staff conducts smoke opacity testing in accordance with SAE J1667 Snap Acceleration protocol, as specified in the PSIP.

Duplicate Tests - As an added service, a second test is performed at no additional cost. The second test validates the opacity testing and provides repeatability data for our client's records.

Test Equipment - Red Mountain Smoke Check 1667 Smoke Opacity Meter; the same device used by CARB enforcement official's at random roadside checkpoints.

Reporting - A computer printout of the results detailing each snap is provided immediately following the tests.

Location - Testing is performed at your location; no inconvenience taking vehicle(s) somewhere to be tested. Tests are conducted at a predetermined time.

Staff - California Council on Diesel Education and Technology (CCDET) certified staff.

Service Areas - Viscon California services the following counties:

Los Angeles	Kern	Inyo
Santa Barbara	Kings	Tulare
San Bernardino	Fresno	Ventura
San Luis Obispo		Monterey