



Colorado Department
of Public Health
and Environment

Air Pollution Control Division

Stationary Sources Program

July 1, 2014

Overview of Colorado Engine Testing Program

Summary:

Over the past several years, the Colorado Air Pollution Control Division (“Division”) has periodically seen issues with engines being unable to successfully pass engine compliance tests. Additionally, the Division has been closely monitoring the progress and success of Wyoming’s engine testing program. As such, the Division will be piloting in 2014 a more robust engine monitoring program and assessment.

Colorado Engine Testing Program:

In May 2014, the Division secured a portable electrochemical emissions analyzer (“portable analyzer”). The Division intends to periodically utilize this portable analyzer in the field to gather data and assess engine compliance. Evaluation of engine compliance is not focused on any one particular industry or sector. Rather, this program will evaluate engine compliance issues across a variety of industries throughout Colorado.

The Division anticipates that the first year of the pilot program will be focused on data collection and compliance assistance. During this time, the Division will collect and assess engine test data to determine specific opportunities to support education, outreach, and compliance assistance. The Division anticipates that Colorado industries will have an increase in performance and/ or compliance due to this outreach and the Division’s presence. As for compliance assistance, if the Division discovers issues of potential non-compliance the Division will immediately notify operators of the findings and request that the source take appropriate steps to promptly bring the engine(s) back into compliance.

The Division intends to work with key industries regarding this initiative. For example, it is expected that the Division and industry partners will work together to inform Colorado industries of this initiative and of steps that engine owners/ operators can take to improve performance and compliance. The Division welcomes feedback from our industry partners, engine manufacturers, and contracted operators to ensure compliance and promote the protection of public health and the environment.

In order to obtain meaningful data, testing will be conducted on an unannounced basis to the extent possible. The Division plans to contact potentially affected operators during the week prior to planned testing in order to arrange access to facilities in a specific area. Additionally, a transparent testing protocol and Standard Operating Procedures will be strictly followed. The Division will also continue to maintain the very highest standards of safety practices for our staff, operator personnel, and onsite equipment.

For more information related to non-oil and gas sources, please contact Paul Carr of the Division at 303-692-3250. For oil and gas sources, please contact Jen Mattox of the Division at 303-692-3144.