

# Basic Natural Gas Vehicle Training

## **Module 1: Introduction to NGV Technologies**

### **Lesson 1: Legislative and Regulatory Policies**

**Lecture: 40 Minutes**

**Lab: None**

#### **Classroom Instructional Objectives:**

Upon completion of this unit of instruction the student will be able to:

- Recognize laws which govern the use of natural gas in heavy duty vehicle applications.
- List Federal, state and local legislative policies which affect the use of natural gas in heavy duty vehicle applications
- Compare and contrast differences in the use, handling, and application of alternative fuels between the energy policy act of 1992 and the clean air act of 1990.
- Name two regulatory agencies with authority over natural gas vehicles and facilities.
- List the series of 1190 rules that apply to school bus fleets.

#### **Key Classroom Points:**

- Provide a historical overview of laws, regulations, and incentives applicable to natural gas fueled vehicles.
- Explain the clean air act of 1990 and its importance as it relates to the students workplace and the environment
- Cite specific sections of the energy policy act of 1992 which affect the use of gasoline, diesel, natural gas, methanol, ethanol, and propane.
- Give specific examples from the alternative motor fuels act of 1998 that dictate the use of natural gas in school, transit buses, and large vehicle fleets.
- Specify differences between state and local laws versus federal legislation.



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## **Lab Skill Objectives:**

Upon completion of this unit of instruction the student will be able to:

- None

## **Key Lab Points:**

- None

## **Classroom Materials:**

- Attendance sheet
- Power Point presentation CD
- Lap-top
- Projector
- Instructors guide
- White board marking pens
- Projection screen

## **Lab activity:**

- None

## **Handouts:**

- Power Point slide materials

Instructor's notes:

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