

**California Air Resources Board
Enforcement Division**

Stationary Reciprocating Engines

Course #271

March 25, 2008

Tentative AGENDA

- 8:30 Introduction/Background
Applications
History
- 9:00 Reciprocating Engines Operating Theory
Spark-Ignition and Compression Ignition
4-stroke cycle and 2-stroke cycle
Engine power
- 9:30 Air/Fuel Delivery Systems
Carburetors
Fuel Injectors
- 10:15 Emissions from IC Engines
- 10:45 Emission Control Methods
- 12:00 Lunch
- 1:00 Emission Control Methods (con't.)
- 1:30 Regulations
Definitions
Exemptions
Emissions Standards
- 2:00 Inspecting Stationary Reciprocating Engines
- 2:30 Mock Inspection
- 4:00 Course Exam and Review
- 4:30 Thank you for your participation