



## **GASEOUS AND PARTICULATE EMISSIONS AN INTRODUCTION**

**This course is aimed at Engineers and Technicians.** To add value when performing emissions tests; to acquire an understanding of the constituents of exhaust gases; to acquire an understanding of the principles of operation of emission analysers, and how to apply it to internal combustion engine development

**A two day course**

### **Course Content:**

- ?? Health effects of exhaust emissions
- ?? Combustion theory
- ?? Formation of pollutants
- ?? Combustion differences. Diesel/Gasoline
- ?? Emission reduction devices
- ?? Checking data
- ?? Principles of raw sampling
- ?? Principles of CVS systems
- ?? Operating principles of some gas analysers
- ?? The operation of gaseous emission equipment
- ?? The history and formation of particulates
- ?? The operation of particulate analysers
- ?? The operation of smoke meters
- ?? Safe handling of COSHH substances

