



PD765 Gas Turbine Engines – Controlling Pollutants

Day 1

- Requirements imposed on low-emission combustor engines (aircraft):
 - Metrics, Constraints, and System Interactions
- Requirements imposed on low-emission combustor engines (ground-based):
 - Metrics, Constraints, and System interactions
- Overview of worldwide regulatory issues
 - Aircraft
 - Ground-based

Day 2

- Overview of worldwide ground-based regulatory framework
- Carbonaceous particulate matter formation
- NO_x and CO formation & control

Day 3

- Partially-premixed and premixed aero engine combustors
- Industrial combustors: Conventional, non-premixed, and dry low NO_x (DLN) emission
- Case Study and Group discussion