

## LM6000 Combustion Turbine

This twenty-day training course is for personnel concerned with day to day operations and maintenance of an LM 6000 combustion turbine. The purpose of this training is to provide knowledge for consistent and trouble-free operation. Additionally, this training will provide knowledge of preventive maintenance procedures to maintain the unit in a serviceable manner.

### I. LM6000 Operation

- Aero Derivative Fundamentals
- Engine Airflow
- Lubrication & Fuel Systems
- LM 6000 Controls
- Maintenance Practices

### II. LM6000 Level I Maintenance

- Aero Derivative Fundamentals
- Levels of Maintenance
- Use of Maintenance & Operation Manuals
- Preventive Maintenance
- Ancillary Components

### III. LM 6000 Level II Maintenance (Hot Section)

- Low-Pressure Turbine
- Stage 2 High-Pressure Nozzle
- High-Pressure Turbine Rotor
- Stage 1 High-Pressure Nozzle
- Combustion Chamber

### IV. LM 6000 Level II Maintenance (Cold Section)

- Low-Pressure Compressor Module
- Low-Pressure Comp. Rotor Blades
- Low-Pressure Comp. Stator Vanes
- Accessory Gearbox
- High-Pressure Compressor Top Case
- High-Pressure Compressor Rotor Blades