

## TECHNICAL TRAINING

Technical training from Solar Turbines is focused on customer satisfaction. When your personnel are trained by Solar, you receive the benefit of:

- Flexible Training Solutions
- Improved Performance and Reliability
- Lower Maintenance Costs and Enhanced Process Operations

Our training courses are delivered by highly qualified and experienced instructors who take a practical approach, utilizing hands-on training equipment combined with proven learning techniques.

Solar realizes that your individual needs are unique, so our solutions are completely flexible. You can select only the courses that will provide the most benefit to you and gradually build up your expertise.

Our complete suite of training courses has been organized into logical groups to enable you to identify the courses that best apply to you.

### PROJECT SPECIFIC TRAINING

For your convenience and to minimize costs, **Solar brings this training to your onshore venue or site location.**

Solar will work with you to meet your preferred schedules, thus maximizing attendance.

Training will concentrate on your equipment with project-specific drawings, data books, schematics and software. If preferred, customized training can be scheduled at one of Solar's global training centers.

### Foundation Training

These courses provide the core knowledge and skills required to safely and efficiently operate and maintain your turbomachinery packages:

- Operation and Maintenance Principles
- Package Operating Principles
- Spartan™ Electric Motor Drive (EMD) Package Operating Principles

### Intermediate Training

Having mastered core knowledge and skills, you are now ready to progress to the next level to further enhance your operation and maintenance practices. Courses in this category include:

- Turbotronic™ 3 Applied Principles
- Turbotronic 4 Control System Operations
- Turbotronic 5 Control System Operations
- PRU Package and Turbotronic 4 or 5 Control System Features and Functions
- Power Generation Principles and Applications
- Gas Compressor Principles and Applications
- Power Management System Operations

# Solar® Turbines

A Caterpillar Company

Worldwide Turbomachinery Support



## Advanced Training

Solar provides more advanced technical training for those personnel who desire more in-depth instruction on specific topics. Courses cover advanced applications and engineering topics. In addition, a systematic approach to problem solving, augmented by realistic troubleshooting exercises, is also offered.

- Gas Turbine Performance and Condition Evaluation
- Compressor Performance and Condition Evaluation
- Analytical Troubleshooting

## Hands-On Training

Hands-on classes, offered at our global training centers, provide you with the knowledge and skills required for some of the more complex maintenance tasks.

- Borescope Inspection Procedures
- Major Component Removal and Replacement
- Machinery Alignment
- Vibration Fundamental and Data Collection

## TURBINE SPECIALIST PROGRAM

This program provides a complete suite of custom training solutions to meet your local development needs. It is modular in content and is determined based on a formal needs assessment between both parties. The duration of the program is approximately 18 months.

## OPEN HOUSE

These courses are generic in content, open to multiple customer personnel, and scheduled in advance at Solar's global training centers.

## E-LEARNING MODULES

Computer-based training modules are available for a broad range of topics with additional topics frequently added.

## HOW DO I ENROLL?

For complete information regarding registration, please visit the Technical Training page under the Services section at [www.solarturbines.com](http://www.solarturbines.com). Or to speak with one of our sales team members, contact the Technical Training Registrar at +1-858-715-2071.

## ADDITIONAL INFORMATION

Technical Training Headquarters:

Solar Turbines Incorporated  
9250A Sky Park Court  
San Diego, CA 92123-5398 USA

Website: [www.solarturbines.com](http://www.solarturbines.com)

Email: [training\\_tech@solarturbines.com](mailto:training_tech@solarturbines.com)

Phone: **+1-858-715-2070**