Gas Turbines Technology: Engineering, Maintenance and Troubleshooting

21st - 24th October 2024
20th - 23rd January 2025

VIRTUAL INSTRUCTOR LED TRAINING

Major Benefits of Attending

By end of this course, delegates will be able to: -

- **UNDERSTAND** design features and functions of each component of gas turbines
- **LEARN** performance parameters, and **HOW TO USE** them in troubleshooting of poor performance
- **IMPROVE** troubleshooting and FRCA (Failure Root Cause Analysis) capabilities through interactive discussions and demonstrations of several case studies
- **EXAMINE** maintenance activities as they applied to different types, including major inspection, compressor wash, in addition to condition monitoring techniques such as borescope inspection, vibration analysis, performance evaluation and thermal images
- **LEARN** general concepts of control system, with emphasis on startup sequence and protection devices

Training Methodology

Gas Turbine training course will combine presentations with instructor-guided interactive discussions between participants relating to their individual interests. Troubleshooting exercises, video material and case studies aimed at stimulating these discussions and providing maximum benefit to the participants will support the formal presentation sessions. Above all, the course leader will make extensive use of case examples and case studies of issues in which he has been personally involved.

Who Should Attend?

- All discipline engineers, especially mechanical and reliability engineers who are involved in operation and maintenance; and root cause failure analysis (RCFA) of Gas Turbines
- All project engineers who are involved in approving the specifications and testing of purchased units
- Supervisors and senior technicians who are involved in operation and maintenance of Gas Turbines
- Others who are interested to learn about Gas Turbines

Organized by:

FDB

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For more details, contact hello@fdb.sg

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