



Speedtronic Mark V <HMI> Operations

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COURSE CONTENT

Aim

This course is designed to instruct a qualified gas turbine operator to the modifications made to upgrade the unit to a SPEEDTRONIC Mark V Control System. This course covers major topics in the fundamentals of the Gas Turbine Mark V Control System and related systems, documentation, backup operators interface <BOI> and the operator's control interface <HMI>.

Emphasis is placed on enabling operators and supervisors to confidently operate and monitor the gas turbine using the SPEEDTRONIC Mark V Control System.

Pre-requisites

GT operators and supervisors with a basic knowledge of turbine technology.

Course Duration

The course is of 3 days in duration.

Optimum Number

Maximum of 10 delegates per course.

Training Aids

PowerPoint, Information hand-outs, TV and Video

COURSE SYLLABUS

- Hardware Modification and Interface

- Revision of SPEEDTRONIC Fundamentals
 - Introduction to control function
 - Redundancy, Hardware and Security
 - Startup, Speed, Temperature and Controls
 - Fuel Systems
 - Protection Systems

- SPEEDTRONIC Mark V HMI Control Documentation
 - Function
 - Interpretation and Use

- Operator Interface <HMI>
 - Operation
 - Data Retrieval
 - Display Modification

- Backup Operator Interface <BOI>
 - Operation
 - Data Recovery

- Startup and Shutdown Sequences

Dates available on request