
Omnivise T3000 GT Controller Maintenance and Technology (K-R3MTC)

Target Group

Building on the K-T3BAS neo course, the seminar imparts knowledge of the function of the GT controller for maintenance and service in the automation level and I/O level for shift and technical personnel. Training will be reinforced with practical exercises. Participants will commission, troubleshoot and replace defect components by using trends, alarms and reports for analysis and maintenance. Participants will be able to perform maintenance and service on Omnivise T3000 while the system is running as well as stopped.

Content

- Turbine controller concepts
- Network concepts
- Turbine controller alarm sequence display, trends, reports
- GT controller cabinet arrangement and power supply
- HW components
- Diagnostics and troubleshooting
- AddFEM POCO+ function
- FM458 with ADDFEM Basic functions
- Communication concept and signal exchange between FM458 and AddFEM Basic
- GT controller function and operation
- Position controller for GT control valves and IGV/VGV
- Delfin Datalogger Implementation
- Program operation
- Practical exercises/demos with a GT simulator:
 - GT controller-module assembling
 - Alarms, troubleshooting, HW & function diagrams
 - Module exchange
 - PROFibus address setting
 - find parameters for control valves

Prerequisites

T3BAS neo certificate
PC operations using MS Windows

Note

- Number of participants: max. 10
- Language: English
- Duration: 5 days
- Location:
Power Academy Erlangen,
Virtual Classroom
Onsite on request
- Date: upon consultation

Type

Face-to-face training

Duration

5 days

Language

en