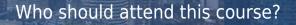# CUSTOMISE CENTUM VP OPERATION AND MAINTENANCE

This course is designed to give participants an overall understanding of the fundamental knowledge on the operation, functions of the Centum VP system, Centum VP hardware, maintenance procedures, software installation, backup procedures and Maintenance tools.

Course Code CUSTVPOPMN
Duration 5 days
Max Class Size 10

Prerequisite Participants should preferably have some basic knowledge on process measurement and control.

Who should attend this course?

For engineers and technician who need to perform maintenance on the Centum VP system.

Day 1

Centum VP system overview
Centum VP hardware description
Window panel operation, part 1
- Browser Bar
- System Message Banner
Consolidated Alarm Management Software for HIS (optional)
Laboratory work: Operation exercises on standard panels

Day 2

Window panel operation, part 2
- Trend View
- Regulatory Control Function
- Tuning View of Function Block
- Sequential Control Function
Laboratory work : Operation exercises on feedback and sequence control

Day 3

Window panel operation, part 3
- Process / Historical report
- System status display
- HIS Setup
Laboratory work : Operation exercises on report, HIS setup

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Day 4

Control station hardware overview – FFCS-L
Wiring of control bus
Functions of each unit
Maintenance of FFCS-L
Hardware setup
Hardware/software requirement
Installation of Centum VP
Backup procedure
Troubleshooting

Day 5

Backup procedure
Troubleshooting
Vnet/IP communication functions
Vnet/IP utility commands
Troubleshooting of overall windows
Network status display