

## The Australian Profibus International Competence Centre



### PROFIBUS TRAINING

## Certified Engineer Course

- Certified 2.5 day course covering the theory of the Profibus DP and PA Network operation. Includes Profibus network design, commissioning and fault finding



#### Overview

Emerson Automation Solutions is Australia's first and only International Profibus Competence and Training Centre accredited by PI. In last ten years we provided Profibus International certified training for more than 500 participants, visited many industrial sites all over Australia and in the region assisting in installations, commissioning and auditing Profibus networks

#### Who should attend?

The Certified Engineer Course is designed for Engineers and Technicians who already have basic technical knowledge of Profibus. Pre-requisite for this Course is completion of Certified Profibus Installer Course and Commissioning and Maintenance Course

#### What does the Course cover?

This Course is 2.5 days of intensive theory and practical exercises in operation of Profibus DP and PA networks.

The Course covers Profibus DP protocol in detail.

The Course includes Basic Cyclic data exchange (DPV0) and Acyclic parameterization and configuration (DPV1). Considerable time is spent on diagnostics and debugging using Profibus expert analyzer.

Additional topics covered include:

- How to design a Profibus network to give reliable operation and avoid common upsets.
- Networks configuration and devices startup
- Understand different types of the messages
- How to check out the networks and quickly pinpoint the faults
- Become an expert with Profibus analyzers



#### Key Course Information

- Engineer Course is accredited by Profibus International.
- Certified Installer and Commissioning and Maintenance are prerequisites for entry to the Certified Engineer Course.
- Includes theory and practical tests. All tests are open book.
- Includes use of diagnostic tools to detect faults.
- Successful graduates are awarded Certified Profibus Engineer status. Graduates are entered onto the PAA and Profibus International Honour Rolls.
- The course Booking Form and payment information can be found on PITC website

[www.profibuscentre.com.au](http://www.profibuscentre.com.au)

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