

DOCUMENTATION AND TRAINING

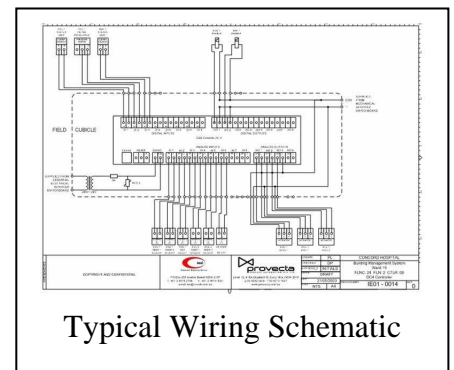
PROVECTA PROCESS AUTOMATION's engineers have a strong reputation for providing high quality documentation for projects, maintenance, operation and training. Face-to-face training conducted for plant operators and technicians has been acclaimed by recipients as setting a benchmark for others in the power industry.

This achievement has resulted from our staff's extensive experience in working alongside plant operation and maintenance groups which enables understanding their requirements. This, combined with our knowledge of power plant processes, control philosophies and operation, coupled with hands-on design and commissioning experience, has created a unique skill-set for training and documentation services.

Documentation

Our range of documentation services include:

- Databases for instruments and signals associated with control systems
- Auto-generation of instrument loop diagrams
- Electrical schematics
- Functional diagrams for control systems
- Equipment and control room layout diagrams
- Operator training lecture material and interactive training software
- Control system maintenance manuals
- Control system philosophies and descriptions
- Control loop tuning procedures
- Commissioning test plans and check sheets (such as: I/O and cabling, functional and dynamic checks)
- Operational job sheets
- Alarm manuals and databases (cause/actions/test procedures)
- Design standards for HMI displays, alarm systems, signal processing, control hierarchy and functions



Training

Provecta's staff can provide on-premises training using modern techniques including;

- PC based PowerPoint displays (with voiceover for future use)
- Interactive PC based questionnaires with auto-generated reports
- Dynamic simulations and display of control functions and responses
- Set up of remote terminals for actual plant display observation
- Video production for future use
- Small group problem-solving workshops
- Training forum facilitators



Should you wish to discuss any aspects of our documentation or training services, please contact our Managing Director, Mr Andrew Oates at the following contact details.

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