

PMA40116 Certificate IV in Process Plant Technology



Course Description:

The PMA40116 Certificate IV in Process Plant Technology is a technical qualification for plant and operations technicians who are typically involved in solving complex problems requiring theoretical knowledge and high levels of understanding of production equipment and process across plant sites. This qualification is typically used to develop employees performing technical roles, including the ability to work independently and conduct technical problem solving according to the needs of works in the chemical, hydrocarbons, and refining industries.

This course requires students to be currently employed in the Resource Industry with the skills to control complex process within control systems, coordinate start-up and shutdown activities and/or carry out commissioning and decommissioning operations.

Mode of Delivery:

Theory component: Online self-paced

Practical component:

1. Practical Assessment is offered in a simulated environment at our Northgate Brisbane Training Centre **and/or**
2. Workplace on the job assessment.

Course Accreditation: Nationally Recognised qualification.

Entry Requirements: Students must be currently employed in the industry

Course Inclusions:

Volt Edge will provide the following:

- Training and assessment course material
- Online student portal access
- Access to industry trainers and assessors
- Practical equipment for students attending our Northgate QLD Training Centre

Each student is to:

- Have access to a stable internet and computer or laptop with Microsoft Office applications
- Have basic computer skills to undertake and complete the assessments
- Complete and submit the required assessments
- Review and comply with the conditions detailed in the [Student Handbook](#).

Core Units of Competency

Unit Code	Unit Name
MSMENV272	Participate in environmentally sustainable work practices
MSMSUP100	Apply workplace context in own job
MSMSUP102	Communicate in the workplace
MSMWHS110	Follow emergency response procedures
MSMWHS200	Work safely

Elective Units of Competency Offered (21 units required)

Unit Code	Unit Name
MSMOPS400	Optimise process/plant area
PMAOPS402	Respond to abnormal process situations
PMAOPS405	Operate complex control systems
PMASUP410	Develop plant documentation
MSMOPS200	Operate Equipment
MSMPER200	Work in accordance with an issued permit
MSMSUP106	Work in a Team
MSMSUP200	Achieve work outcomes
MSMSUP210	Process and record information
MSMSUP240	Undertake minor maintenance
MSMSUP303	Identify equipment faults
MSMSUP390	Use structured problem-solving tools
PMAOPS101	Read dials and indicators
PMAOPS221	Operate and monitor prime movers
PMAOPS223	Operate and monitor valve systems
PMAOPS234	Monitor and operate low pressure compressors
PMAOPS246	Operate separation equipment
PMAOPS280	Interpret process plant schematics
PMAOPS314	Operate and troubleshoot compressor systems
PMAOPS306	Operate and troubleshoot production unit
PMASUP245	Break and make flanged joints using hand tools
PMAOPS315	Operate and troubleshoot process control systems

To enrol into this training please view our website or contact our team at training@voltage.com.au