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Certificate III in Process Plant Operation

COURSE CONTENT

Students must complete 21 units, including 5 mandatory units shown below, and at least 4 elective units.

5 Mandatory Units

- Follow emergency response procedures
- Apply workplace procedures
- Communicate in the workplace
- Participate in environmentally sustainable work practices
- Work safely

Elective Units

- Operate A Production Unit
- Produce Product By Distillation
- Operate Reactors And Reaction Equipment
- Operate And Monitor Compressor Systems And Equipment
- Operate Process Control Equipment
- Undertake Ship Loading /Unloading
- Conduct Artificial Lift
- Undertake Well Management
- Produce Product Using Gas Absorption
- Produce Product Using Fixed Bed Hydration
- Conduct Pipeline Pigging
- Operate Cryogenic Processes
- Operate A Gas Turbine
- Operate And Monitor A Steam Turbine
- Shutdown And Isolate Machines/ Equipment
- Issue Work Permits
- Provide Training Through Instruction And Demonstration Of Work Skills

ABOUT THIS COURSE

This qualification will provide you with the essential skills and knowledge to undertake an operational role in chemical, hydrocarbons or refining sectors. You will learn to work safely and efficiently as an operator of equipment and processes within the industry. You will also learn about quality practices and workplace communication. This course forms part of the Chemical, Hydrocarbons and Oil Refining Training Package giving you exposure to the fundamentals of process plant operations.

You will be able to work without supervision to operate process trains. Your training will allow you to utilize skills in the following areas:

- Cryogenic Processes
- Transfer Liquids Between Storage Facilities
- Operate Process Control Systems
- Operate And Monitor Compressor Systems And Equipment.

TARGET GROUP

This course has been designed for managers, supervisor, operators and technicians in process plant and to whom is interested to work in process plant operation

COURSE OBJECTIVES

- To develop employees performing an advanced operational role that includes an ability to work independently
- To learn how to conduct technical problem solving according to the needs of the work in the chemical, hydrocarbons or refining sectors.
- To solve a range of foreseen and unforeseen problems, using product and process knowledge to develop solutions to problems which do not have a known solution, or a solution recorded in the procedures.

LOCATION

Australia

DURATION

6 Months