

## **KIC Process Operations School Based Traineeship (SBT) or Work Placement (Cert I in Engineering & Cert II in Process Operations)**

### **Overview**

The KIC Process Operations School Based Traineeship is an initiative of the Kwinana Industries Council and is based at Comet Bay College. Students are enrolled full time at the College, receive training one day per week at Challenger Institute of Technology ACEPT Campus and spend time in work placements, paid, as School Based Trainees.

The Apprentice and Traineeship Company (ATC) is the employer that will cover the traineeships insurance. They will provide PPE and arrange monitoring visits for all trainees to ensure the host has the support required.

### **Pathway**

All students enrolled will complete a two year program in the following areas:

- English
- Mathematics (Year 11)
- Cert I Engineering
- Cert II Process Operations
- Plus other SCASA courses (if required)

### **Challenger Institute of Technology (1 day)**

Year 11 and 12 students will also complete a Certificate I in Engineering delivered by Challenger. (See over for further details).

### **Host Employers Role**

Host employers are asked to;

- Provide on the job training in accordance with the units of competency described in the Training Record Book. The trainee should always be supervised and signed off when competent.
- Assist with monitoring reports and sign weekly timesheets.

### **Costs**

Trainees are paid in accordance with the conditions of the National Training Wage. Workplace Learning students are unpaid and will be required to purchase their own PPE.

### **Opportunities**

Most students who successfully complete the KIC Process Operations Program obtain employment in one of the following areas:

- Process Operator in the mining and oil and gas industries.

Trade areas:

- Fabrication: welder, sheet metal worker, boilermaker, shipwright, pattern maker and electrical fitter.
- Mechanical: plant mechanic, heavy duty mechanic, electroplater, fitter, metal machinist, refrigeration, mechanic and tool maker.

### **Further Studies**

Students will be eligible to pursue Challenger Institute of Technology courses at the end of the Process Operations Program or articulate directly into a Certificate III Process Operations traineeship or an apprenticeship in Engineering.

### **Entry Requirements – Are you suited for PPO?**

Do you have:

- A strong team focus
- Mechanical aptitude
- Positive attitude

Are you not:

- Afraid of getting your hands dirty
- Scared of heights

Do you:

- Enjoy the outdoors

All Year 10 students wanting to be considered for the KIC Process Operations School Based Traineeship must have the following qualities and achievements:

- Enthusiasm for working in the mining or oil and gas industry
- Parental support
- Personal presentation
- Punctuality, reliability and honesty
- Minimum Learning Area grade C in Maths, Science and English

Applications must be lodged with a current Resume at Comet Bay College. Students will be required to attend an interview for selection into the program.

### **Completion**

At the end of year 12 students will complete their WACE, Certificate I in Engineering as well as a Certificate II in Process Operations and will be 'work-ready'.

**Challenger Institute of Technology - ACEPT (1 day)**  
**Certificate II Process Operations over 2 years**

Units of competence are delivered by ACEPT as follows:

**PMA20108 Certificate II in Process Operations**

Code	Competency Name	Hours	Year
MSAPMOHS110A	Follow Emergency Response Procedures	26	11
MSAPMSUP100A	Apply Workplace Procedures	26	11
MSAPMSUP102A	Communicate in the Workplace	26	11
MSAENV272B	Participate in Environmentally Sustainable Work Practices	20	11
MSAPMOHS100A	Follow OHS Procedures	20	11
MSAPMSUP101A	Clean Workplace or Equipment	15	11
PMAOPS105C	Select and Prepare Materials	15	11
PMAOPS280B	Interpret Process Plant Schematics	36	11
MEM12023A	Perform Engineering Measurements	48	11
MEM18055B	Dismantle, Replace and Assemble Engineering Components	27	11
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MSAPMOHS200A	Work Safely	26	12
MSAPMSUP106A	Work in a Team	26	12
MSAPMPER200B	Work in Accordance With an Issued Permit	20	12
MSAPMSUP210A	Process and Record Information	13	12
MSAPMOPS200A	Operate Equipment	40	12
PMAOPS202B	Operate Fluid Mixing Equipment	20	12
PMAOPS206B	Operate Separation Equipment	15	12
MSAPMOPS212A	Use Enterprise Computers or Data System	26	12
PMAOPS223B	Operate and Monitor Valve Systems	20	12
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**MEM10105 Certificate I in Engineering**

Code	Competency Name	Hours	Year
MEM09002B	Interpret Technical Drawing	36	11
MEM12024A	Perform Computations	27	11
MEM1801C	Use Hand Tools	18	11
MEM05005B	Carry Out Mechanical Cutting	18	11
MEM1802B	Use Power/Hand Held Operations	18	11
MEM11011B	Undertake Manual Handling	18	11
MEM18013B	Perform Gland packaging	18	11
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