



process manufacturing

Chemical, Hydrocarbons and Refining qualifications

The chemical, hydrocarbons and refining industry sources raw materials from the minerals/hydrocarbons exploration and mineral mining sectors. Its products are distributed to downstream processing plants as well as to the utilities industry, other manufacturing, and food and beverage sectors. Some sectors start with raw materials such as common salt, sulphur, or starch to produce their products.

Most products produced by this industry are not used directly by the consumer but rather are transformed by downstream industries such as plastics, food, and clothing into consumer products. The major exceptions to this rule would be oil refinery products such as petrol and lube as well as oil paint.

Qualifications:

The chemical, hydrocarbons and refining qualifications are highly flexible qualifications that support development of a wide range of technical skills.

- Certificate II in Process Plant Operations
- Certificate III in Process Plant Operations
- Certificate IV in Process Plant Technology
- Diploma of Process Plant Technology
- Advanced Diploma of Process Plant Technology
- Vocational Graduate Certificate in Surface Coatings

There are interesting careers for; plant operators, plant technicians, senior production technicians and quality managers working in many different industries. These include:

Chemical manufacture

- polymer product
- fertilizers
- cleaning products
- commercial chemicals
- explosives

Minerals processing/refining

- alumina refining
- aluminium smelting
- minerals processing

Surface coatings

- paint manufacture

Oxygen production

Hydrocarbons

- oil and gas processing

