

WSQ HIGHER CERTIFICATE IN PROCESS TECHNOLOGY (CHEMICAL PRODUCTION) PROGRAMME

Ref: CT2201/CT2202

Programme Overview:

This programme provides the participant with a greater level of competence in the safe operations and specific technical aspects of processes in hydrocarbon plants. The competencies covered under this programme include apply safety in process plant, respond to fire emergency in process plant, operate distributed control system and perform chemical tests. The participant will be equipped with on shift experience in operating a live plant under a safe and controlled environment. This course is based on the Singapore Workforce Skills Qualifications (WSQ) which is validated and endorsed by the industry.

Programme Objectives and Content:

To provide participants with the confidence, knowledge and skills to safely and competently carry out specific technical processes, equipments, control devices and facilities of a hydrocarbon process plant. Participants will undertake training and assessment for the following competencies (5 Core & 5 Elective):

Core Competencies:

- Follow good manufacturing practices
- Apply continuous process improvement techniques
- Apply process quality control techniques
- Apply safety in process plant
- Perform Emergency Shutdown of Process Plant

Elective Competencies:

- Operate distributed control system
- Operate furnace
- Perform chemical tests
- Operate re-boiler
- Handle Process Non-Conformance
- Interpret Technical and Engineering Drawings

Who Will Benefit:

- Process technicians or operators looking for skills enhancement.
- Personnel who wish to develop a better understanding and competency in the specific technical processes and equipments of the chemical and process industry.

Duration:

Approximately 8 weeks full time or 12 weeks part time.

Certification:

The WSQ Higher Certificate in Process Technology (Chemical Production) will be awarded upon the successful completion of 10 Statements of Attainments, comprising of 5 Core competencies and 5 Elective competencies.

Pre-requisites:

- English proficiency level equivalent to the Employability Skills System (ESS) level 4.
- Numerical proficiency level equivalent to Employability Skills System (ESS) level 4.
- Successful completion and awarding of the WSQ Certificate in Process Technology (Chemical Production).

Course Fees:

- Nett course fees after Singapore Workforce Development Agency's subsidy: S\$5,400.00 (For Singaporeans/Singapore PRs)
- Nett full course fees: S\$18,000.00 (For foreigners)
- GST is calculated at 7% prevailing rate and subject to change.