

PROCESS PLANT OPERATIONS COURSES

WSQ CERTIFICATE IN PROCESS TECHNOLOGY (CHEMICAL PRODUCTION) PROGRAMME

Ref: CT2101/CT2102

Programme Overview:

This programme provides the participant the base level foundation and competence in the operation of a hydrocarbon process plant, with emphasis on safety, utilities operations and communication procedures. The competencies covered under this programme include apply workplace safety, permit to work system, use of process plant utilities and various fundamentals of chemical process technology. 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 operate basic process plant equipment units, control devices and facilities of a hydrocarbon process plant. Participants will undertake training and assessment for the following competencies (4 Core & 4 Elective):

Core Competencies:

- Apply teamwork in the workplace
- Apply workplace safety and health practices
- Initiate, relay and respond to information in plant/worksite
- Monitor and operate process parameters

Elective Competencies:

- Use process drawings, diagrams, schedules and manuals
- Work in accordance with an issued permit
- Operate pumps and associated equipment
- Operate flare release system
- Use utilities and services
- Perform process line-up

Who Will Benefit:

- New entrants to the chemical and process industry
- Process technicians or operators looking for skills enhancement
- Personnel interested in joining the chemical and process industry

Duration:

Approximately 6 weeks full time or 10 weeks part time.

Certification:

The WSQ Certificate in Process Technology (Chemical Production) will be awarded upon the successful completion of 8 Statements of Attainments, comprising of 4 Core competencies and 4 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 of Physical Aptitude and Psychometric tests conducted at CPTC

Course Fees:

- Nett course fees after Singapore Workforce Development Agency's subsidy: S\$4,320.00 (For Singaporeans/Singapore PRs)
- Nett full course fees: S\$14,400.00 (For foreigners)
- GST is calculated at 7% prevailing rate and subject to change.