

## WSQ ADVANCED CERTIFICATE IN PROCESS TECHNOLOGY (CHEMICAL PRODUCTION) PROGRAMME

Ref: CT3301/CT3302

### Programme Overview:

This programme provides the participant with a supervisory level of competence in the coordination of safe operations and processes in hydrocarbon plants. The competencies covered under this programme include supervising team and WSH practices at work, coordinating plant de-commissioning and shutdown, leading ER teams and scheduling plant for maintenance. The participant will be equipped with supervisory and on shift experience in operating a live plant under all conditions, including emergency incidents management. 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 (4 Core & 6 Elective):

#### Core Competencies:

- Implement Process Quality Control
- Optimise Operating System
- Supervise Teams at Work
- Supervise WSH Practices

#### Elective Competencies:

- Analyse Information to Solve Problems
- Issue, Monitor and Control Work Permit
- Lead Emergency Team
- Operate Crude Distillation Unit
- Operate Platformer
- Operate Sulphur Recovery Unit

### Who Will Benefit:

Process technicians or operators looking for skills enhancement and transition into supervisory responsibilities / roles.

### Duration:

Approximately 9 weeks full time (Duration may vary from customization of the number and types of electives required).

### Certification:

The WSQ Advanced Certificate in Process Technology (Chemical Production) will be awarded upon the successful completion of 10 Statements of Attainments, comprising of 4 Core competencies and 6 Elective competencies.

### Pre-requisites:

Successful completion and awarding of the WSQ Certificate and Higher 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.