

WSQ Higher Certificate in Process Technology (Chemical Production) Programme

Ref: CT2201/CT2202

Programme Overview:

This programme provides the participant with a higher 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) 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 petrochemical 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:

- Respond to fire emergency in process plant
- Operate distributed control system
- Operate furnace
- Perform chemical tests
- Operate process control instrumentation
- Operate separation equipment
- Operate compressors and associated equipment
- Calibrate and test measuring instruments
- Generate electrical power
- Operate re-boiler
- Produce product using liquid extraction
- 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 process industry

Duration:

Approximately 8 weeks full time or 12 weeks part time (Duration may vary from customization of the number and types of electives required)

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 SPUR subsidy: \$1,800.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$18,000.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010

WSQ Follow Good Manufacturing Practices

Ref: WSQ-HC-01-2010

Course Overview:

Good manufacturing practices are critical in ensuring the processes in a manufacturing or production plant are run smoothly and safely with minimal disruptions. This competency unit develops the participant with the basic knowledge and skills to report, record abnormalities, follow standard operating procedures and contamination control procedures, when carrying out their tasks in a manufacturing or process environment.

Course Content:

- Follow standard operating procedure requirements
- Follow contamination control procedures
- Report and record abnormalities

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 process industry

Duration:

1 Day

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Apply Continuous Process Improvement Techniques

Ref: WSQ-HC-02-2010

Course Overview:

This competency unit develops the participant with the skills and knowledge in applying continuous process improvement techniques and be able to put it into practice at their workplaces. This is with the objective of identifying and improving process practices to improve the overall workflow and/or production onsite.

Course Content:

- Identify improvement opportunities
- Carry out continuous improvement activities
- Follow-through the improvement activities

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 process industry

Duration:

2 Days.

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Apply Process Quality Control Techniques

Ref: WSQ-HC-03-2010

Course Overview:

This competency unit develops the participant in the areas of basic techniques for controlling the quality of materials and services in a process plant environment. Participants are required to prepare to examine and assess quality; monitor and control quality; report on status of quality and perform quality housekeeping.

Course Content:

- Prepare to examine and assess quality
- Monitor and control quality
- Report on status of quality
- Perform quality housekeeping

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 process industry

Duration:

4 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

Course Overview:

Safety and hazards minimization is a critical factor when working in a process plant. This course will provide the knowledge and skills for the participant to accurately identify process occupational health safety (OHS) hazards and assess risk in a process environment, while following instructions and procedures in the plant with minimal supervision.

Course Content:

- Identify occupational health and safety (OHS) hazards in a process plant.
- Assess the risks in a process plant.
- Contribute to OHS management issues

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 process industry

Duration:

2.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Perform Emergency Shutdown of Process Plant

Ref: WSQ-HC-05-2010

Course Overview:

Staff on a process plant must be prepared for emergency situations which may arise when least expected and take the necessary actions to conduct plant shutdown safely to prevent injuries, loss of life and/or damage to the environment. This course develops the participant to conduct shutdown of a process plant during an emergency situation which may be the result of accident, fire, explosion, spillage, gas release, utilities failure, environment incident or security threat.

Course Content:

- Prepare for emergency shutdown of process plant
- Activate emergency shutdown of process plant
- Record emergency shutdown of process plant
- Participate in post-emergency shutdown evaluation

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 process industry

Duration:

3 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Respond to Fire Emergency in Process Plant

Ref: WSQ-HC-06-2010

Course Overview:

Fires on a process plant are an inherent risk which may lead to injuries and even loss of life. This course develops the participant to function as a member of an emergency response team in order to meet and respond to fire emergencies in process plant. The participant will be prepared for fire emergencies on the plant with the knowledge and skill of deploying emergency fire equipment and carrying out search and rescue missions.

Course Content:

- Prepare for fire emergencies.
- Deploy fire emergency equipment.
- Participate in search and rescue operations

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 process industry

Duration:

3 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Operate Distributed Control System

Ref: WSQ-HC-07-2010

Course Overview:

This course will assist the participant to develop the skills and knowledge needed for the usage of a Distributed Control System, such as calling up process displays, monitoring data, responding to alarms and performing control operations using the DCS for control and processes of a hydrocarbon process plant.

Course Content:

- Call up process displays on DCS
- Perform control operations using DCS
- Monitor historical data on DCS
- Respond to process alarms on DCS

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 process industry

Duration:

3 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Operate Compressors and Associated Equipment

Ref: WSQ-HC-08-2010

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the operations of compressors and its associated equipments according to standard operating procedures safely to minimise hazards. It also instructs participants on how to respond to abnormal conditions of compressor performance. This competency encompasses the safe and effective operation of compressors and associated equipment currently used in production and processing plants.

Course Content:

- Check various types and functions of compressors.
- Start up compressors according to standard operating procedures.
- Monitor compressors according to standard operating procedures.
- Shut down compressors according to standard operating procedures.
- Respond to abnormal conditions in compressor performance.
- Minimise hazards associated with compressors and associated equipment

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 process industry

Duration:

3.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Calibrate and Test Measuring Instruments

Ref: WSQ-HC-09-2010

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the calibration, adjustment and testing of measuring instruments. It encompasses following calibration and adjustment procedures while working safely under standard operating procedures.

Course Content:

- Calibrate measuring instruments.
- Adjust measuring instruments.
- Test measuring instruments

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 process industry

Duration:

2 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

Course Overview:

Chemical testing is vital in ensuring product consistency and that it meets the exact specifications required. This competency unit provides the participants with the fundamental and practical development in the ability to interpret chemical test requirements, conduct testing preparations, pre-use and calibration checks on equipment, and conduct sampling via chemical tests and procedures.

Course Content:

- Prepare to take samples of chemicals.
- Take samples of chemicals.
- Calibrate measuring equipment for testing chemicals.
- Perform routine tests for chemicals

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 process industry

Duration:

2 Days.

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the operations of electrical power generation and its associated equipments according to standard operating procedures safely to minimise hazards. It also instructs participants on how to respond to abnormal conditions of electrical power generation equipment. This competency encompasses the safe and effective operation of electrical power generation equipment currently used in production and processing plants.

Course Content:

- Check various types of electrical power generation plant and equipment
- Start up electrical power generation equipment, according to standard operating procedures.
- Monitor electrical power generation equipment according to standard operating procedures.
- Shut down electrical power generation equipment according to standard operating procedures.
- Respond to abnormal conditions in electrical power generation equipment.
- Minimize hazards associated with electrical power generation

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 process industry

Duration:

3.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the operations of the furnace according to standard operating procedures safely to minimise hazards. It also instructs participants on how to perform fuel switching operation, oil burner gun cleaning and shutdown safely.

Course Content:

- Inspect furnace components
- Perform furnace start up according to standard operating procedures.
- Control furnace firing conditions according to standard operating procedures.
- Perform fuel switching operation according to standard operating procedures.
- Perform oil burner gun cleaning according to standard operating procedures.
- Perform furnace shutdown according to standard operating procedures

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 process industry

Duration:

3.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Operate Process Control Instrumentation

Ref: WSQ-HC-13-2010

Course Overview:

This course provides the participant with the fundamental knowledge and practical understanding on interpreting details on the operation of process control instrumentation in the field to check and verify gauges, valves, controllers and report abnormalities in process variables.

Course Content:

- Monitor process variables
- Monitor field devices for process measurement.
- Operate process control from local control panel.
- Respond to process abnormalities using field instruments

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 process industry

Duration:

3 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the operations of the re-boiler (kettle-type, thermosyphon, forced circulation) according to standard operating procedures safely to minimise hazards. It encompasses instructing the participant on how to perform commissioning, operation shutdown and de-commissioning of re-boilers, while maintaining a safe and clean work area.

Course Content:

- Check various types of re-boilers.
- Prepare and commission re-boilers for production.
- Operate re-boilers according to standard operating procedures.
- Shut down and de-commission re-boilers according to standard operating procedures.
- Clear, clean and reinstate the work area.
- Minimise hazards associated with re-boilers and associated equipment

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 process industry

Duration:

3.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the operations of a stand alone dual phase separation equipment according to standard operating procedures safely to minimise hazards. It also instructs participants on how to respond to abnormal conditions of separation equipment. This competency encompasses the safe and effective operation of separation equipment currently used in hydrocarbon processing plants.

Course Content:

- Check various types and functions of separation equipment
- Start up separation equipment according to standard operating procedures.
- Operate separation equipment according to standard operating procedures.
- Shut down separation equipment according to standard operating procedures.
- Respond to abnormal conditions in separation equipment performance.
- Minimise hazards associated with separation equipment

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 process industry

Duration:

3.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Produce Product Using Liquid Extraction

Ref: WSQ-HC-16-2010

Course Overview:

This competency unit provides the participants with the fundamental and practical development in the processes of liquid extraction according to standard operating procedures safely. It encompasses monitoring and controlling the liquid extraction process, while rectifying operational problems in the process. It also instructs participants on scheduling maintenance for liquid extraction equipment.

Course Content:

- Monitor and control liquid extraction process in accordance with standard operating procedures.
- Rectify operational problems in liquid extraction in accordance with standard operating procedures.
- Schedule liquid extraction equipment availability for maintenance procedures

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 process industry

Duration:

3.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Handle Process Non-Conformance

Ref: WSQ-HC-17-2010

Course Overview:

This competency develops the participant to review the deviations of process variables from steady state, the steps needed to rectify the process and to bring the product production back to specification. After which the participant will review the reasons for process non-conformance and actions taken.

Course Content:

- Evaluate deviations of process variables from the steady state condition of a process plant.
- Rectify process deviations in process plant.
- Rectify out-of-specification product.
- Review process non-conformance.

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 process industry

Duration:

3 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

WSQ Interpret Technical and Engineering Drawings

Ref: WSQ-HC-18-2010

Course Overview:

This course provides the participant with the fundamental knowledge and practical understanding on interpreting details of engineering drawings, workplace floor plans, electrical and instrumentation diagrams. Participants will gather and understand the relevant information in standard operating manuals applicable to area of work.

Course Content:

- Extract information from engineering drawings.
- Extract information from workplace floor plans.
- Extract information from electrical diagrams.
- Extract information from instrumentation diagrams.

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 process industry

Duration:

2.5 Days

Certification:

A WSQ Statement of Attainment will be issued to each delegate on successful completion of the course.

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 SPUR funding: \$180.00 (For Singaporeans/PR)
- Course Fees (Includes GST): \$1800.00 (For foreigners)
- SPUR subsidy for Singaporeans and PR participants will be applicable up till 30 November 2010.

For more information, booking and quotation, please contact:

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Singapore Workforce Skills Qualifications

The Singapore Workforce Skills Qualifications (WSQ) is a national credentialing system. It trains, develops, assesses and recognises individuals for competencies companies are looking for.

Based on national standards developed by WDA in collaboration with various industries, WSQ comprises industry sectoral frameworks which serve to:

- Professionalise the industry, where industry lacked recognised Continuing Education and Training (CET) qualifications
- Enhance labour market flexibility and skills portability in growing industry with high demand of skilled workers and professionals.

The WSQ system is designed to be practical, accessible and affordable, enabling every individual to take charge of your own career and advancement. It is also a powerful business tool for employers to access and maintain a skilled workforce, thus enhancing their competitive edge and advancing their businesses.

For more information on WSQ, visit <http://app2.wda.gov.sg/wsq/Common/homepage.aspx>

WDA SPUR 90% Programme Fee Grant

The Skills Programme for Upgrading & Resilience (SPUR) is an enhanced funding support scheme developed by WDA and designed to last until 30 November 2010. Under SPUR, all Singapore citizens and Permanent Residents are entitled to a 90% programme fee grant (which is inclusive of GST) for our WSQ programmes. Employers who send their staff for our WSQ training are entitled to co-funding allowance or absentee payroll.

For more information on SPUR, visit www.wda.gov.sg