



## WSQ PERFORM PLANT CIVIL WORK

### Target Audience:

This unit is relevant to operators, technicians and supervisors across all process sector, to carry out plant civil work.

### Duration: 40 Hours

(32hrs training + 8hrs assessment)

### Medium of Instruction:

English

### Trainer to Trainee Ratio: 1:12

### Training Venue:

ASPRI-Institute of Process Industry (ASPRI-IPI)  
ASPRI Integrated Training Centre (AITC)  
5D Jalan Papan, #01-38, Singapore (619421)

### Course Fee (incl. GST):

SDF and Absentee payroll Funding available for S'porean/PRs

Full Course fee	<b>\$817.50</b>
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### Course Outline:

On completion of this competency unit; learners will have the knowledge and application skills to perform setting out, erecting, reinforcing and dismantling formwork, placing, finishing and curing of concrete in compliance with the requirements of WSH Act, related regulations and organisational safe work procedures

- Mark the location and level of foundation
- Carry out hacking of concrete
- Apply safe work procedures when excavating pit
- Comply to the placing of lean concrete procedures
- Carry out the fabrication and installation of formwork
- Carry out the fabricate and installation of steel reinforcement
- Carry out concreting work in sequence
- Perform stripping formwork
- Carry out the grouting work
- Prepare of steel mesh
- Carry out concrete chipping work
- Safe handling of appropriate tools and equipment

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## Assumed Skills and Knowledge:

Learners must:

- Have completed Apply WSH in Process Plant or Supervise WSH in Process Plant

Learners are assumed to:

- Have knowledge of common hazards and necessary safety precautions
- Have the ability to read and interpret instructions, diagrams, sketches and blueprints
- Have knowledge of the methods and skills in the use of common equipment, materials and hand tools appropriate for plant civil work
- Be physically fit to perform all the required tasks
- Be able to listen, read, speak and write English at a proficiency level equivalent to the Employability Skills System (ESS) level 2
- Be able to manipulate numbers at a proficiency level equivalent to Employability Skills System (ESS) level 2

## Certification:

A Statement of Attainment (SOA) will be awarded to successful participants.

Upon successful completion, trainees are eligible for conversion of R2 to R1 skilled worker under MOM enhanced R1 criteria in the process sector with effect from 1<sup>st</sup> June 2017.

## Important note:

Participants are required to bring their personal document (*i.e.*, *NRIC, valid Work Permit or In-Principle Approval and Passport*), personal protection protective equipment (*i.e.*, *Safety helmet, Safety shoes, Safety goggles and Safety gloves*) and personal water bottle.

## Funding Information\*:

Funding is available for Singaporeans and PRs.

\*Terms and conditions apply

## Schedule and Registration:

Click [Here](#) for the schedule and course registration.

Please contact us at 6795 5700 or email to [enquiries@ipi.org.sg](mailto:enquiries@ipi.org.sg) if you require any assistance.