



WSQ PERFORM PLANT EQUIPMENT FITTING WORK

Target Audience:

This unit is relevant to operators, technicians and supervisors across all process sector, to carry out plant equipment fitting 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

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|------------------------|-----------------|
| Full Course fee | \$490.50 |
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Course Outline:

On completion of this competency unit; learners will have the knowledge and application skills to carry out basic preventive maintenance and replace faulty components of common process equipment to ensure efficient operation of the process plant in compliance with the requirements of WSH Act, related regulations and organizational safe work procedures

- Isolate the system in accordance to safe work procedures before carrying out the task
- Perform spading and de-spading operation
- Perform pressure testing
- Install the valve gland packing
- Perform the servicing work of heat exchanger channel head and floating head
- Comply to the servicing procedures of boiler drum
- Comply to the installation of manhole cover procedures
- Carry out servicing of level gauge
- Comply to the procedures in servicing of furnace components
- Comply to the servicing procedures of storage tank

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Assumed Skills and Knowledge:

Learners must:

- Be above 18 years of age

Learners are assumed to:

- Possess valid WSQ Apply Workplace Safety and Health in Process Plant or WSQ Supervise Workplace Safety and Health in Process Plant
- Have knowledge of common hazards and necessary safety precautions
- Have the ability to read and interpret instructions, diagrams, sketches and spool drawings
- Have knowledge of the methods and skills in the use of common equipment, materials and hand tools appropriate for plant equipment fitting 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 1st 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 if you require any assistance.