



WSQ PERFORM INSTRUMENTATION FITTING WORK

Target Audience:

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

Full Course fee	\$817.50
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Course Outline:

On completion of this competency unit; learners will have the knowledge and application skills to interpret, prepare, perform and terminate Instrumentation installation, hook-up, cabling and testing in compliance with the requirements of WSH Act, related regulations and organizational safe work procedures

- Interpret drawings for Instrumentation fitting installation
- Identify the material take-off, type of instrument and accessories
- Carry out the installation of instrument, accessories, and control valve (2" and below)
- Carry out impulse tubing installation
- Carry out impulse tubing tie-in
- Carry out air supply installation
- Carry out signal lines installation
- Carry out steam tracing installation
- Carry out leakage test of air supply piping
- Carry out pressure test of impulse tubing

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Assumed Skills and Knowledge:

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 construction sketches for piping, fitting, equipment and tanks
- Have knowledge of the methods and skills in the use of common equipment, materials and hand tools appropriate for insulation work
- Have the ability to perform routine housekeeping duties
- 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 goggle 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.