



WSQ PERFORM THERMAL INSULATION WORK

Target Audience:

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

Course Outline:

On completion of this competency unit; learners will have the knowledge and application skills to perform thermal insulation work as per specifications which include fitting insulation around obstructions, shape insulating materials and protective coverings as required, inspect and maintain insulation work done to ensure compliance to specifications.

- Comply with the requirements of WSH Act, related regulations and organizational safe work procedures
- Carry out the selection procedures of insulant for cold and hot insulation work
- Carry out prefabrication of insulant for pipe and fitting, tanks and equipment
- Carry out prefabrication of sheet metal cladding for pipe and fitting, tanks and equipment
- Carry out the removal of defective insulation
- Carry out installation of insulant for hot and cold service
- Carry out installation cladding
- Carry out inspection of the insulant and cladding installed

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Assumed Skills and Knowledge:

Learners must:

- Have completed Apply WSH in Process Plant or equivalent

Learners are assumed to:

- 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 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.