

COC IN PROCESS PIPE FITTING LEVEL 1 PT&R

(PROFICIENCY TEST & REFRESHER)



COURSE OUTLINE

Course Aim

A process pipe fitter is one who performs fitting works and assembles piping projects involving processes such as marking out, cutting forming and finishing with the aid of fabrication tools, machines, jigs and fixtures in accordance with WSH rules and regulations pertaining to working in Process Industry.

The work he/she performs includes the following:

- CE 1. Perform bolt and nuts installation and removal
- CE 2. Perform steel pipe threading
- CE 3. Perform flange makeup
- CE 4. Perform hot and cold tie-in processes
- CE 5. Perform hydrostatic pressure testing

Learning Objectives

On completion of this competency unit, learners have the knowledge and application skills to lay out, fit-up, install, assemble, machining and maintain pipe systems, pipe supports and for related hydraulic and pneumatic equipment for process piping system which covers:

- Implement safety measures at work site
- Perform pipe work
- Perform hot and cold tie-in and testing

COURSE STRUCTURE

Duration: 7 hours (4 training hours + 3 assessment hours)
(100% attendance is required to be eligible for the course assessment)

Medium: English

Venue: ASPRI Integrated Training Centre (AIRC)
5D Jalan Papan #01-38, Singapore 619421

Course fee (incl. GST): \$414.20

PRE-REQUISITE

Learners must possess:

- Individual SingPass account with valid email address.
- WSQ in Perform Fitting Works in Workshop; or
- WSQ Certificate in Perform Process Pipe Fitting Works; or
- WSQ Certificate in Generic Manufacturing - Process (Assessment Only Pathway); or
- Current R1 status through market-based framework (Period of employment is more than 3 years with fixed monthly salary more than \$1200).
- Be above 18 years old and physically fit to perform all the required tasks.

Learners are assumed to:

- 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 pipe fabrication work.
- Be able to listen, read, speak and write English at a proficiency level equivalent to Employability Skills System (ESS) Level 2.
- Be able to manipulate numbers at a proficiency level equivalent to Employability Skills System (ESS) level 2



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TARGET AUDIENCE

The job roles(s) / occupations that this unit would be relevant to may include operators, technicians and supervisors across all process sectors in the R1 framework, who requires to carry out piping works.

COURSE CERTIFICATION

- A Certificate of Competency (CoC) will be issued to candidates who are certified competent in this competency.
- The award of CoC in Process Pipe Fitting Work - Level 1 PT&R is based on passing ALL assessments i.e 100% passing mark.
- e-Certificates will be issued to individual candidates via ITE STEP Portal 6 to 8 weeks upon course completion.

PAYMENT, REFUND & WITHDRAWAL POLICY

- Full payment is required upon registration.
- 100% refund will be provided for cancellations made more than 14 days before course start date.
- 50% refund for cancellation/withdrawal lesser than 14 days if no replacement candidate is provided.
- For cancellation/withdrawal with replacement provided, fee waiver will be subjected to ITE Management approval.
- No refund will be provided for any cancellation/withdrawal after course start date unless with valid reason(s) but subjected to ITE Management approval.

IMPORTANT NOTES

- Participants are required to bring along their identification documents (NRIC/Work Permit/IPA or Passport) for verification purposes.
- Participants are required to bring along their own water bottle and PPE (Personal Protective Equipment) such as hand gloves, goggles, safety shoes and safety helmet.



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