

COC IN WELDING LEVEL 1 PT&R (PROFICIENCY TEST & REFRESHER)



COURSE OUTLINE

Course Aim

A level 1 welding technician is one who welds plates to form permanently assembled metal structures in accordance with internationally accepted welding standards. The welding processes includes 1G - 3G welding positions, and to ensure that the welded joints meet the organization requirement.

The work he/she performs includes the following:

- CE 1. Perform shielded metal arc welding (SMAW) on steel plates
- CE2. Perform quality checks on weld

Learner's Objectives

On completion of the course, participants should be able to perform welding on plates to form permanently assembled metal structures using SMAW in 3G position.

1. Maintain safe working environment
2. Set up welding work
3. Perform butt Joints on metal plates in 3G position using shielded metal arc welding
4. Perform check on weld defects

COURSE STRUCTURE

Duration: 7 hours (4.5 training hours + 2.5 assessment hours)
(Learners must attain 100% attendance to be eligible for the course assessment)

Medium of instruction: English

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

Course fee (incl. GST): \$414.20

PRE-REQUISITE

Learner's must possess:

- Individual SingPass account with valid email address.
- Either WSQ Certificate in Perform Welding 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)
- 18 years old and above and be 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 and sketches.
- Have the knowledge of the methods and skills in the use of common equipment, material and hand tools appropriate for welding work.
- 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.



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TARGET AUDIENCE

This unit is relevant to operators, technicians and supervisors across all process sector in the R1 framework, to carry perform welding on plates to form permanently-assembled metal metal structures using SMAW in 3G position.

COURSE CERTIFICATION

- A Certificate of Competency (CoC) will be issued to candidates who are certified competent in this competency.
- The award of CoC in Welding - Level 1 PT&R is based on passing ALL assessments i.e 100% passing mark.
- e-Certificates will be issued to individual candidates via 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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