

# WSQ PERFORM WELDING

## Target Audience:

This unit is relevant to operators, technicians and supervisors across all process sector, to carry out plate welding using 3G or 4G SMAW.

## Duration: 40 Hours

(32hrs training + 8hrs assessment; assessment is conducted by one of Singapore Welding Society's (SWS) approved Test Centres)

## 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

ASPRI Member	\$468.70
Public	\$512.30
Additional Administration Fee: SWS 3G / 4G Welding certificate (Optional)	\$10.90

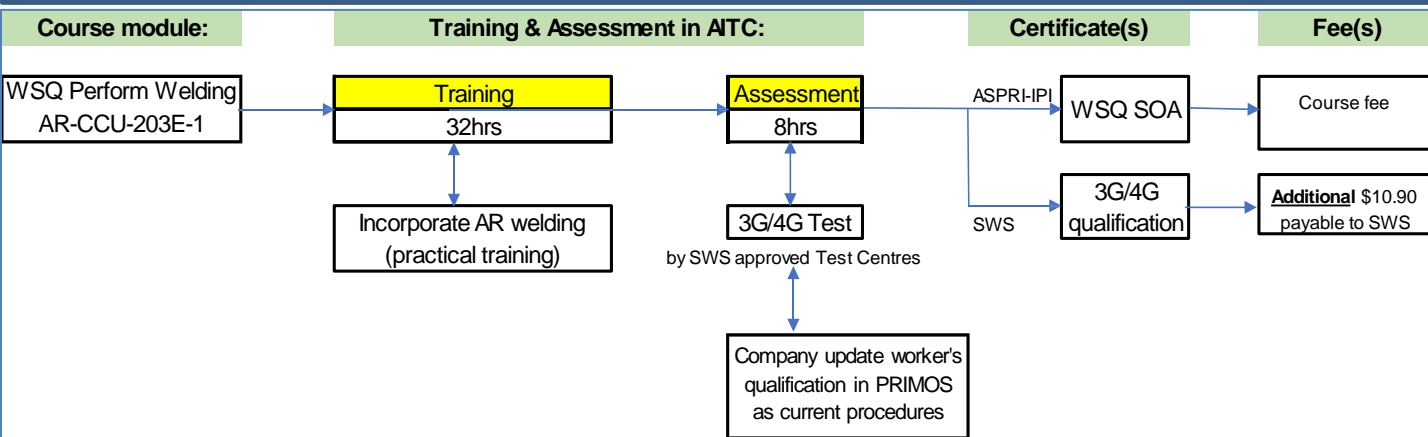
## Course Outline:

On completion of this competency unit; learners will have the knowledge and application skills to perform welding, including surface preparation, using appropriate resources. It also includes checking the quality of welded parts in accordance to technical manuals

- Observe and apply safe practices when preparing parts for welding
- Identify common hazards and select appropriate PPE related to welding work
- Understand different parameters and rules to observe when operating welding equipment
- Carry out welding operations
- Measure and visual check on quality of welded parts in accordance to specifications
- Carry out corrective actions to address the causes of welding defects in accordance to specifications
- Document repair procedure for future traceability
- Maintaining welding tools and equipment

***1 Employer to follow current procedure in updating pre-qualification record of worker in PRIMOS***

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## Assumed Skills and Knowledge:

Learners must:

- Be above 18 years of age
- Have completed Apply WSH in Process Plant or equivalent

Learners are assumed to:

- Have related training or experience in a technical/engineering field or equivalent
- Have knowledge of common hazards and necessary safety precautions
- Have basic PC literacy and workshop practice in handling common tools
- Be able to listen, speak, read and write English at a proficiency level equivalent to the Employability Skills System (ESS) level 4
- Be able to process numbers at a proficiency level equivalent to ESS level 4

## 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 1<sup>st</sup> June 2019.

## 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](mailto:enquiries@ipi.org.sg) if you require any assistance.