



SHIELDED METAL ARC WELDING (SMAW-CS-6G57)

Groove Weld 4G, 5G & 6G



HRDF Claimable

COURSE CODE

PSTI.SC.SMAW.CS6G57

COURSE DURATION

5 days. Extra day for practice available upon request.

BENEFITS

- Understand welding technology
- Recognise welding processes
- Interpret instructions & symbols in drawing
- Understand & recognise welding defects
- Perform weld for SMAW Butt Weld at 4G, 5G and 6G positions
- Certification & Welder Quality Card

WHO WILL BENEFITS

- Engineers who require welding certification
- Welders who need to be certified
- Renew Welder Quality Card for 6G SMAW
- Quality Assurance & Quality Assurance personnel
- Anyone responsible in engineering & construction project
- Personnel who involve in steel construction & wish to become qualified welder (Minimum 1 year experience in welding)

www.psti.edu.my

Session 1 : 14-18 October 2019
Session 2 : 4-8 November 2019
Session 3 : 18-22 November 2019
Session 4 : 2-6 December 2019
Session 5 : 16-20 December 2019

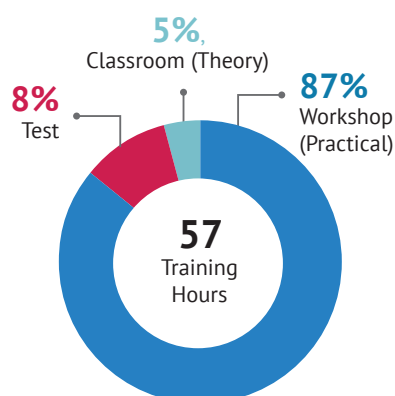
**OPEN FOR
NEW INTAKE!**



THE COURSE

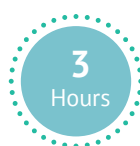
- Shielded Metal Arc Welding or known as SMAW welding process and skill are important in many industry especially for construction and steel structure works.
- This course **EMPHASIS** on welding skill development through theory and **REPETITION** in practice.
- In theory session, the students shall be exposed with:
 - » The important of safety in both workshop and working area
 - » SMAW Process and Its Positions
 - » Welding Symbols and Drawing Instruction
 - » Welding Defects and Repair
 - » Welding Inspection and Testing
- In workshop session, the students are required to perform welding procedure according to required positions and type of weld. The practical session emulates working environment in steel construction fabrication yard. In perfecting student's skill, our motto stress on **REPETITION** of weld until they achieve desire performance.
- The course provides adequate time for student to practise and improve their skill and confidence to weld at desire quality. Trainers will assist and advice the students in full time basis.
- The course is curated and observed ASME IX and AWS procedures with approved PSTI's Welding Procedure Specification (WPS).
- At the end , the student shall weld for Welder Quality Test (WQT). The WQT will be inspected, tested and certified by TUV-SUD, international accreditation organisation.

COURSE OUTLINE AND DURATION (5 DAYS)



Extra Time for Practise (Upon Request)

- Day Session - 8.30am to 5:00pm
 - Night Session - 8.00pm to 23.30pm
- (1 Pax per Bay basis. First Come First Serve)



Theory

Classroom

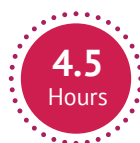
- Safety and Health
- SMAW and Welding Positions
- Welding Symbols and Drawing
- Welding Defects and Repair



Practical

Workshop

- Practise, Practise, Practise
- SMAW - 4G, 5G & 6G



Test

Workshop

- Qualification Test (4.5 hrs)
- Welder Qualification Test
- 6G Certification (**TUV-SUD**)

Note

During Training

- Break/Rest/Lunch Tea/Coffee + Snack will be provided. Trainees are free to take their break at their convenient time.
- Group Dinner where all students, Inspectors and trainers have opportunity to expand industry network and knowledge.
- Dinner **ONLY** will be provided at the end of the course. Dinners venue shall be informed during training. Group Dinner is meant for all students, Inspectors and trainers have opportunity to expand industry network and knowledge.

Extra Time Session

- Each students shall have their own welding bay complete with tools, weld piece and welding equipment to practice.
- 2 trainers shall attend their need and request throughout the training session.

FEE (RM)

Early Bird	Individual	Group Min. 5 Pax	Group Min. 10 Pax	Extra Day Bay Rental Per Pax
5,500	6,000	5,500	5,000	RM 300 (Day Session Only) RM 400 (Day & Night Session) RM 200 (Night Session Only)

Term and Condition

- 50% Booking Deposit/ Upon Confirmation of Participation. 50% Upon Completion of Training.

Prestariang Skill Training Institute

CONTACT US

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