PSTI PRESTARIANG SKILLS TRAINING INSTITUTE

OPEN FOR NEW INTAKE!
4–8 Nov 2020

GAS TUNGSTEN ARC WELDING

Fillet Weld 1F, 2F, 3F and Groove Weld 1G ,2G, 3G

COURSE CODE
PSTI.SC.GTAW.CS3G57

COURSE DURATION
5 days. Extra practise day available upon request.

BENEFITS
- Understand the relevant of welding technology related to steel fabrications
- Able to recognise characteristics of commonly used welding processes in relation to quality control
- Able to interpret drawing instructions and welding symbols to ensure that specifications are met
- Understand and recognise welding defects through its inspection and testing.
- Able to perform GTAW fillet and groove weld at 1F, 2F, 3F, 2G and 3G positions.
- Certification and Welder Quality Card from TUV-SUD Accreditation

WHO WILL BENEFITS
- All engineers who need basic training in welding
- Personnel who involve in metal construction and wish to enhance and become qualified welder. (Minimum 1 year experience in welding)
- Welders who need to renew their Welder Quality Card for 3G GTAW
- Quality Control / Quality Assurance staff associated with welding and construction
- Anyone responsible for or involved in engineering & construction project

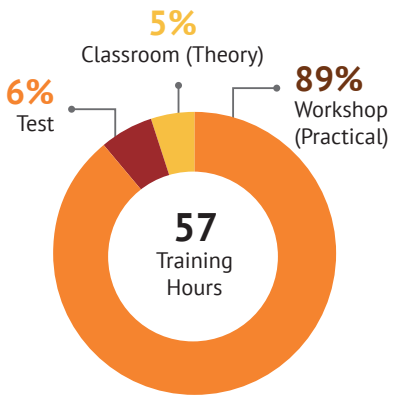
*Kindly contact us to arrange for a flexible schedule.
*Note: subject to availability

www.psti.edu.my

THE COURSE

- Gas Tungsten Arc Welding or known as GTAW or Tungsten Inert Gas (TIG) welding process and skill are important in many industry especially for construction and steel structure works. GTAW process demands most skill since welder has to hold a filler rod in one hand and gun/torch in the other. GTAW is usually required for specialised type of weld. GTAW process apply for both ferrous and non ferrous material ranging from steel to titanium (alloy).
- 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
  - » GTAW 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

3 Hours

Classroom
- Safety and Health
- GTAW and Welding Positions
- Welding Symbols and Drawing
- Welding Defects and Repair

Practical

49.5 Hours

Workshop
- Practise, Practise, Practise
- GTAW- 1F, 1G, 2F, 2G, 3F & 3G

Test

4.5 Hours

Workshop
- Qualification Test (3.5 hrs)
- Welder Qualification Test
- 3G 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 5,000 / pax

Promo!! Save RM200

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

Prestariang Skill Training Institute

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