

# SkillWeld National Qualifiers 2021

## Workshop Supervisors Brief- Centre competition Instructions

### To be Read in conjunction with the SkillWeld Competition Information Pack

#### General

- This brief is for the guidance of Workshop Supervisor and competitors who are taking part in the above competition. It identifies the key areas of the competition which are the responsibility of both and should be read in conjunction with the SkillWeld 2021 Competition Information Pack

#### Safety

- All competitors are required to bring the necessary PPE to use with the prescribed welding processes. Workshop Supervisors should check that this meets with their requirements and report to the competition organiser if there is any non-compliance.
- Specific workshop safety requirements should be highlighted during the workshop safety briefing.
- Workshop Supervisor should remind competitors that any breach of safety issues could result in their disqualification from the competition.
- In matters of safety the Workshop Supervisor decision is final. The Shop Master will inform the competition organisers of their decision. If the competitor or their representative wishes to appeal then they should inform the Competition Organisers.

#### Shop Service

- The Workshop Supervisor should point out where ancillary equipment (eg. Grinders files etc.) May be found, and the shop requirements for where and how they are to be used.
- The Workshop Supervisor will issue one set of material to complete each of the competition required Weld Test Pieces (WTP). A second attempt is not permitted.
- Workshop Supervisor should issue scrap material for competitors to establish their desired arc welding parameters prior to the start of the competition.
- Competition WTP materials should be issued no earlier than five minutes before the start of the competition.
- The competition time is four (4) hours duration. An extra fifteen (15) minutes for a break is allowed during the competition. Any additional time taken by the competitor beyond the fifteen minute break time allowance must be taken from the 4 hour competition time.
- The Workshop Supervisor may give a competitor additional competition time if in their opinion the competitor has lost time through no fault of his own. In this case the shop master should inform the competition organiser of their decision as soon as possible.
- The Workshop Supervisor will inform competitors of the start of the competition and 30 minutes before the official finish time.
- The Workshop Supervisor must ensure that only the Competitors and Competition Organisers are allowed into the workshop during the competition time. The Shop Master must ensure that competitors do not have contact with anyone during the competition time unless agreed with the competition organisers.
- The Workshop Supervisor will mark the WTP's with the competitor's identification number before passing the WTP to the judges for marking.

## **Welding of Competition WTPs**

- WTP (s) may be tack welded in any position.
- All Stop starts must be marked.
- No grind marks are allowed on the finished weld face or weld penetration
- The Workshop Supervisor is to witness the competitors Root run on WTP No 4 Tee Fillet and to mark the WTP to indicate it has been inspected
- Competitors must complete and submit the WTP to the Shop Master before starting the next WTP.

## **Complaints & Appeals Procedure**

- Complaints and Appeals will be conducted in accordance with World Skills Competition procedure, details of which can be found in the competition pack

## **General Behaviour**

- The organisers of the competition require that all participants conduct themselves in a manner that will not discredit themselves, their companies, colleges or the competition. Failure to do so could mean exclusion from the competition.

## **Workshop Infrastructure List:**

- Welding Machines:- 1 per competitor
  - AC/DC TIG
  - MMA
  - MIG with – 1.0mm rollers & tips
- Tungsten Grinder
- 4-4 1/2 inch Angle Grinders 1 per competitor or workshop facility
- Shielding Gas
  - Pure Argon
  - Argon- CO2

## **Competitors Personal Protective Equipment**

- All Competitors must bring the following with them: -
  - Welding Head Shield suitable for MIG/MAG, MMA & TIG Welding processes
  - Safety Goggles for Grinding & Cutting processes
  - Flame Retardant Coverall
  - Welding Gauntlets
  - Steel Toe capped Safety Boots

