

Mandatory Registration with SLBFE for Welding Training/Testing Centers

Guidelines for welding training/testing centers aiming at prospective jobseekers who wish to seek employment in the shipbuilding industry-South Korea (Welders)

All the training and testing centers must adhere to the following guidelines

01. The welding Training Center must have the valid TVEC registration.

02. Mandatory Industrial Safety requirement for training/testing centers

According to the Korean Work Safety Regulation Act, all institutions are required to provide 16 hours of mandatory industrial safety training prior to welding training. This training must cover various topics related to industrial safety, including but not limited to:

- Confined space safety measures
- Natural flame safety measures
- Carburizing flame safety measures
- Oxidizing flame safety measures
- Types of fire extinguishers and their appropriate use
- The importance of avoiding phone usage during duty hours
- Proper usage of safety equipment
- Emergency safety methods

It is essential that institutions comply with these regulations to ensure the safety of their trainees/employees and to avoid any potential hazards in the workplace. Failure to comply with these regulations may result in legal consequences.

Therefore, all institutions are strongly advised to prioritize the safety of their trainees/employees by providing mandatory industrial safety training and by implementing proper safety measures in the training center.

03. Mandatory Protective Equipment Training for Trainers and Trainees

It is mandatory for both trainers and trainees to wear gas masks and safety goggles during their training sessions. This practice should be considered as a preliminary training for the proper use of protective equipment in Korea.

To ensure the safety and well-being of all individuals involved in the training sessions, it is imperative that all participants comply with these regulations. Failure to do so may result in serious health hazards and legal consequences.

All trainers and trainees must prioritize their safety by wearing gas masks and safety goggles throughout their training sessions. Additionally, they must be familiar with the proper usage of protective equipment in accordance with the Korean safety regulations.

We strongly advise all participants to adhere to these guidelines to prevent any potential accidents or injuries during training sessions.

04. Pre-training requirements for Welders in Korea

All welders who wish to work in Korea must undergo a pre-training test at a training center of the relevant company before being hired as permanent employees. It has been determined that the current training in Sri Lanka may not be sufficient for this requirement. Therefore, all training institutes are advised to include the following welding methods in their curriculum to ensure the preparedness of their students:

- Flat position groove welding (1g)
- Horizontal position groove welding (2g)
- Vertical position groove welding (3g)

It is essential that all welding trainees are equipped with the necessary skills and knowledge required for welding in Korea. By including these welding methods in their curriculum, training institutes can help their students to meet the pre-training requirements and increase their chances of securing employment in Korea.

We advise all training institutes to prioritize the quality of their training programs and to ensure that their students are well-prepared for the pre-training test in Korea.

05. Welding Standards and Guidelines for Testing in Korea

To ensure the quality of welding in accordance with Korean shipbuilding standards, the following guidelines should be followed during testing:

- Root gap: The root gap between every two test pieces should be maintained in the range of 4 mm to 6 mm. No space should be allowed for undercut during training, and if the minimum depth of undercut is more than one millimeter, all welds should be considered as failed.
- Amperage and voltage values: Until the Welding Procedure Specification (WPS) card is issued, the amperage and voltage values for practice should be set as follows for high current welding:
- Root grater amperage: 125~130
- Hot pass grater amperage: 135~140
- Root grater voltage: 20~22
- Hot pass grater voltage: 22~23

It is essential that all welding tests are conducted in compliance with these guidelines to ensure the quality and safety of the welding. Failure to adhere to these standards may result in the rejection of the welding test.

06. Assessment Arrangements for Welders Undergoing FCAW Training

All training centers providing Flux Cored Arc Welding (FCAW) training are required to submit the list of welders undergoing training and the list of qualified welders to the Sri Lanka Bureau of Foreign Employment (SLBFE) for assessment arrangements.

Furthermore, the training centers must pay to the SLBFE prescribed fee by them per each candidate. After successful completion of the FCAW training and testing, a certificate will be issued by the respective training/testing center to the qualified welders.

We advise all training centers to prioritize the accuracy and completeness of the information submitted to the SLBFE and to ensure that all payments are made prior to the testing.

07. Registration of FCAW/AWS Assessors under SLBFE

All Flux Cored Arc Welding (FCAW)/American Welding Society (AWS) Assessors are required to be registered with the Sri Lanka Bureau of Foreign Employment (SLBFE).

It is mandatory for all Assessors to comply with these regulations to ensure the quality and validity of their assessments. Failure to do so may result in legal consequences and the rejection of welding qualifications as required by Korea.

We advise all FCAW/AWS Assessors to register with the SLBFE promptly to ensure the validity of their assessments. (Please Refer Annex 1)

08. Assignment and Payment of AWS Assessors

American Welding Society (AWS) Assessors are assigned only by the Sri Lanka Bureau of Foreign Employment (SLBFE), and the payment for Assessors is also made by the SLBFE.

It is mandatory for all institutions providing FCAW training to comply with these regulations to ensure the quality and validity of their assessments. Failure to do so may result in legal consequences and the rejection of welding qualifications.

09. Annual Registration fee for training and testing centers

Training centers Rs. 500,000.00

Testing centers Rs. 250,000.00

10. Application form

Please refer Annex 02

(Ends)