



Welding Inspector - Level 2



Suitable for

Inspection engineers and supervisory staff. The course is ideal for inspectors requiring preparation for the CSWIP examinations—Welding Inspector.

Those with little or no previous welding experience are advised to attend the Certificate in Visual Inspection of Welds course to prepare for this course.

Entry requirements

- * Welding Inspector for a minimum of 3 years with experience related to the duties and responsibilities listed in Clause 1.2.2 of CSWIP document WI-6-92, under qualified supervision, independently verified OR
- * Certified Visual Welding Inspector (Level 1) for a minimum of 2 years with job responsibilities in the areas listed in 1.2.1 and 1.2.2 of CSWIP document WI-6-92 OR
- * Welding Instructor or Welding Foreman/Supervisor for a minimum of 5 years
- * In addition to all the above, candidates must comply with Clause 1.3.4 of document WI-6-92 available at www.cswip.com
- * Experience will need to be verified by either your previous/present employer/company.

Certification/Awarding Body

CSWIP

Course Duration : 8 days Training + 1 day Examination
Course Timing : Sunday 9:00 AM to 5:30 PM
 Monday to Saturday 6:00PM to 10:00PM
Course & Exam Fees : S\$ 3000 + GST

Course content

The duties and responsibilities of a welding inspector; fusion welding processes; typical weld defects; types of steel; carbon-manganese, low alloy and stainless steels; hardening of steels; weldability; heat treatment; parent metal defects; visual inspection; testing parent metals and welds; destructive tests; NDT techniques; welder and procedure approval; codes and standards; outline of safe working practices; practice in examination questions; continuous and end of course assessment.

In addition, candidates can purchase TWI's online CSWIP Welding Inspector Pre-Learning package which prepares them for the course.

Course objectives

- To understand factors which influence the quality of fusion welds in steels
- To recognise characteristics of commonly used welding processes in relation to quality control
- To interpret drawing instructions and symbols to ensure that specifications are met
- To set up and report on inspection of welds, macro sections and other mechanical tests
- To assess and report on welds to acceptance levels
- To confirm that incoming material meets stipulated requirements and recognise the effects on weld quality of departure from specification
- To be in a position to pass the Welding Inspector - Level 2 examinations

Your Partner For Success



www.cutechgroup.com
 e-mail: training@cutechgroup.com

CUTECH QUALITY SOLUTIONS PTE LTD

#03-19 PIONEER JUNCTION, 3 SOON LEE STREET
 SINGAPORE—627606

Tel: +65 62626614 / 62626614 / 97583097