



Accredited International Organizer  
AWS-Certified Welding Inspector (CWI) Training & Examinations



# AWS-CERTIFIED WELDING INSPECTOR

# WELDING PROFESSIONALS

PERFORM WELDING INSPECTION

FOR ALL PERSONNEL IN OIL & GAS INDUSTRY, MANUFACTURING, PETROCHEMICAL GENERATION, POWER STATIONS, MARINE, SHIP BUILDING/REPAIR, CONSTRUCTION, OFFSHORE FABRICATION, SERVICE & MAINTENANCE, METAL FABRICATION

**PART TIME & FULL TIME AVAILABLE**

Course & Exam	Seminar & Exam Fee
AWS-CWI	SGD 2900 + 7% GST (Course, Exam, Materials & Cutelearn access)

Singaporeans & SPRs up to 90%\* **FUNDING SUPPORT** available  
\*depending on the categories that suit your qualifications



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Quality Solutions Provider



**Fee Details:**

Seminar Fee	Post-Funding			
Foreigner	Normal	ETS	MCE	WTS
	Singapore Citizens / PRs Aged 21 Yrs & above	Singapore Citizens/ PRs <b>SME</b> Company Sponsored	Singapore Citizens Aged 40 Yrs & above	Singapore Citizens Aged 35 Yrs & above and earning \$1900/Mth & less
SGD 2000 + GST	SGD 1332.50 + GST	SGD 200 + GST	SGD 200 + GST	SGD 100 + GST

Note: Top-up SGD 700 + GST for AWS examination & SGD 200 + GST prometric admin fee in addition to seminar fee.

**Syllabus:**

<b>[Part A] Fundamentals - Welding inspection</b>	<ul style="list-style-type: none"> <li>• Welding Inspection and Certification</li> <li>• Safe Practices for Welding Inspectors</li> <li>• Metal Joining (Welding-SMAW, GMAW, FCAW, GTAW, SAW, ESW, PAW, SW</li> <li>• Brazing and Soldering) &amp; Cutting Processes (OFC, PAC, CAC)</li> <li>• Weld Joint Geometry and Welding Symbols</li> <li>• Documents Governing Welding Inspection and Qualification</li> <li>• Metal Properties and Destructive Testing</li> <li>• Metric Practice for Welding Inspection</li> <li>• Welding Metallurgy for the Welding Inspector</li> <li>• Weld and Base Metal Discontinuities</li> <li>• Visual Inspection and Other NDE Methods (PT, MT, RT, UT) and Symbols</li> </ul>
<b>[Part B] Practical - Inspection stimulation</b>	<p>Candidate is expected to:</p> <ol style="list-style-type: none"> <li>1. Evaluate the acceptability of test specimens (plastic replicas) and documents for both procedure and welder qualifications</li> <li>2. Evaluate production welding by using standard measurement tools, visual inspection, and documents (WPS, PQR, and WQTR) found in the Book of Exhibits</li> </ol> <p>Document reviews performed by the Certified Welding Inspector (CWI)</p>
<b>[Part C] Code Book - API 1104 Welding of Piping</b>	<ul style="list-style-type: none"> <li>• Methods for the production and inspection of high-quality welds through the use of qualified personnel using approved procedures, materials, and equipment</li> <li>• Applies to welding of piping used in the compression, pumping, and transmission of petroleum products, fuel gases, carbon dioxide, and nitrogen</li> <li>• In new construction and in-service welding</li> </ul>

**Experience Required:**

Engineering Technology, Engineering Physics, Physical Science	Degree	Minimum years of Industry Experience	2 yrs
	Diploma		3 yrs
Vocational Welding Certification			4 yrs
High School Certificate			5 yrs
Other Qualifications			9/12yrs

**LOCATION**

PIONEER JUNCTION #03-19  
3 SOON LEE STREET  
SINGAPORE(627606)

**Training Duration: 40 hours**

**Examination: 6 hours**

Closed Book- Parts A, B (2 hours each)  
Open Book- Part C (2 Hours)