

AMERICAN WELDING SOCIETY CERTIFIED WELDING INSPECTOR AWS-CWI

Certification Program for the Year 2025
Online / Direct Seminar

Authorized International Agency:



AN ISO 9001 : 2015



American Welding Society®
INTERNATIONAL AGENT



TC - 12622



American Welding Society®

ATF Accredited
Test Facility
WELDER TESTING

BETZ ENGINEERING & TECHNOLOGY ZONE

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BETZ ENGINEERING & TECHNOLOGY ZONE

BETZ Engineering & Technology Zone is an accredited International Agency for the American Welding Society, Florida, U.S.A., to conduct Seminars and Certification Programs for AWS in India and Worldwide. BETZ is an ISO 9001:2015 company, also BETZ is the Only ‘ATF – Accredited Test Facility’ of AWS to evaluate and certify welders in India.

Certified Welding Inspectors (CWI) must demonstrate keen attention to detail along with other requisite knowledge, skills, and abilities, and are often considered the safety nets that catch potentially catastrophic mistakes. It's the CWI's responsibility not only to determine if a weldment meets the acceptance criteria of a specific code, standard, or other specification but also to handle qualification records, oversee non-destructive testing and ensure proper materials are available during testing. Therefore, it is important that the CWI is familiar with welding processes, welding procedures, welder qualifications, materials, and weld testing limitations, as well as how to read blueprint drawings, prepare and keep records, prepare and make reports, and make responsible judgments.

BETZ has been assessed and accredited by NABL in accordance with the standard ISO/IEC/17025 in the field of Testing, Non-Destructive Testing & Mechanical Testing Certificate # TC 12622

AWS-CWI SCHEDULE-2025

Site Code	AWS-CWI Seminar Dates	Seminar & Exam City	Part # B Exam**
IN73925	21 to 27 Jan'2025	Chennai	Tuesday, January 28, 2025
IN74025	08 to 14 March'2025	Chennai	Saturday, March 15, 2025
IN74125	23 to 29 March'2025	Chennai	Monday, March 31, 2025
IN74225	23 to 30 April'2025	Chennai	Thursday, May 1, 2025
IN74325	23 to 30 May'2025	Chennai	Saturday, May 31, 2025
IN74425	22 to 29 June'2025	Chennai	Monday, June 30, 2025
IN74525	23 to 30 July'2025	Chennai	Thursday, July 31, 2025
IN74625	23 to 30 August'2025	Chennai	Sunday, August 31, 2025
IN74725	22 to 29 September'2025	Chennai	Tuesday, September 30, 2025
IN74825	23 to 30 October'2025	Chennai	Friday, October 31, 2025
IN74925	22 to 29 November'2025	Chennai	Sunday, November 30, 2025
IN75025	22 to 30 Decmeber'2025	Chennai	Tuesday, December 30, 2025

Application must be emailed to BETZ no later than (5) weeks before the Exam Date

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Eligibility:

Minimum Qualification	Minimum Work Experience
Bachelor or higher degree in welding engineering or welding technology - (4) years maximum substitution	Minimum of (1) years welding based work experience
Associate or higher degree in welding or non-welding related engineering technology, engineering, or a physical science - (3) years maximum substitution	Minimum of (2) years welding based work experience
Engineering/Technical courses that can be applied to Bachelor or higher degree in Welding - (2) years maximum substitution	Minimum of (3) years welding based work experience
Trade/Vocational courses - (1) year maximum substitution for successfully completed courses	Minimum of (4) years welding based work experience
High school diploma or approved high school equivalency diploma	Minimum of (5) years welding based work experience
Online /Direct Seminar & Online Examination (Part # A&C)	

Three Days of the seminar will be used to cover the **(Part-A)** “Fundamentals” part of the examination that covers all the facets of AWS QC1:2016, Welding Processes, Heat Control & Metallurgy (carbon and low-alloy steel), Weld Examination, Welding Performance, Definitions and Terminology, Symbols – Welding and NDE, Test Methods – NDE, Reports and Records, Duties and Responsibilities, Safety, Destructive Tests ,Cutting, Brazing, Soldering.

Two Day Will be used to expose and refresh your skills in comprehend the welding code books **(Part-C)** including qualification of welding Procedure. Materials and Design, Fabrication, Inspection and Qualification .(All candidates should bring their own Code Book)

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- API 1104 Pipeline
- AWS D1.1 Structural Steel
- AWS D1.2 Structural Aluminum
- AWS D1.5 Bridge Welding
- AWS D15.1 Railroad
- AWS D17.1 Aerospace
- ASME Pressure Vessel Section VIII, Div. 1 and Section IX
- ASME Pressure Piping B31.1 and B31.3, and Pressure Vessel Section IX

Direct/Live Class and Examination for Part # B

Two Day will be used to cover the (Part-B) “Practical applications” Part of the Examination. Workmanship Requirements and Visual Inspection Acceptance Criteria – Structural Steel, Pipeline, Pressure Piping, Procedure Qualification Requirements, Performance Qualification Requirements. This will expose you to actual visual inspection tools, gauges, weld replicas and further to the acceptability and rejection criteria of sample weldments based on the Book of Specification.

Exam Pattern

Examination	Number of Questions	Duration	Min % to Pass	Exam Pattern
Online - Prometric Exam				
Part A-Fundamentals	150	2 Hrs	72%	Closed Book
Part C- Code Book	46/60	2 Hrs	72%	Open Book
Paper Exam				
Part B-Practical	46	2 Hrs	72%	Closed Book

Key Beneficiaries of the Event

Though the seminar and certification give a career boost for all individuals in the engineering domain, it is specifically recommended for professionals in the following categories:

- ❖ Welding Foremen
- ❖ Field Inspectors
- ❖ QA/QC Inspectors and Engineers.
- ❖ Field Service Staff
- ❖ Engineers and Supervisors.
- ❖ Erection & Construction Engineers
- ❖ Supervisor Field Experience
- ❖ Certified Welders & NDT Professionals.

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Registration Process

All the registrations are to be completed preferably Five (5) weeks prior to the commencement of the seminar with full payment to avoid disappointment. For more information call us on 9840175179 / 9551665683. E-mail: registration@welding-certification.com /rg_ganesan@yahoo.com Upon completion of the registration process, candidates can collect their Hard copy of study materials and AWS QC1:2016 Specification for AWS Certification of Welding Inspectors. This will help candidates to start their preparations immediately.

Training Venue



The Seminar fees Rs.30,000/- Must be made in Indian Rupees by Bank Draft or Wire Transfer to the Following Account.

NAME : BETZ Educational & Research Division

BANK : KARUR VYSYA BANK LTD

Branch : Alandur

Account Number : 1104115000021458

IFSC : KVBL0001104

The Examination Fee of USD1235 Plus Online Prometric Fee of USD120 was made by Wire Transfer to the following Account

Bank Name: JP Morgan Chase

Account No: 507618335

Routing Number: 322271627

Swift Code: CHASUS33

Mobile: 909 973 8541

ALL THE BEST