

AMERICAN WELDING SOCIETY CERTIFIED WELDING INSPECTOR

AWS - CWI



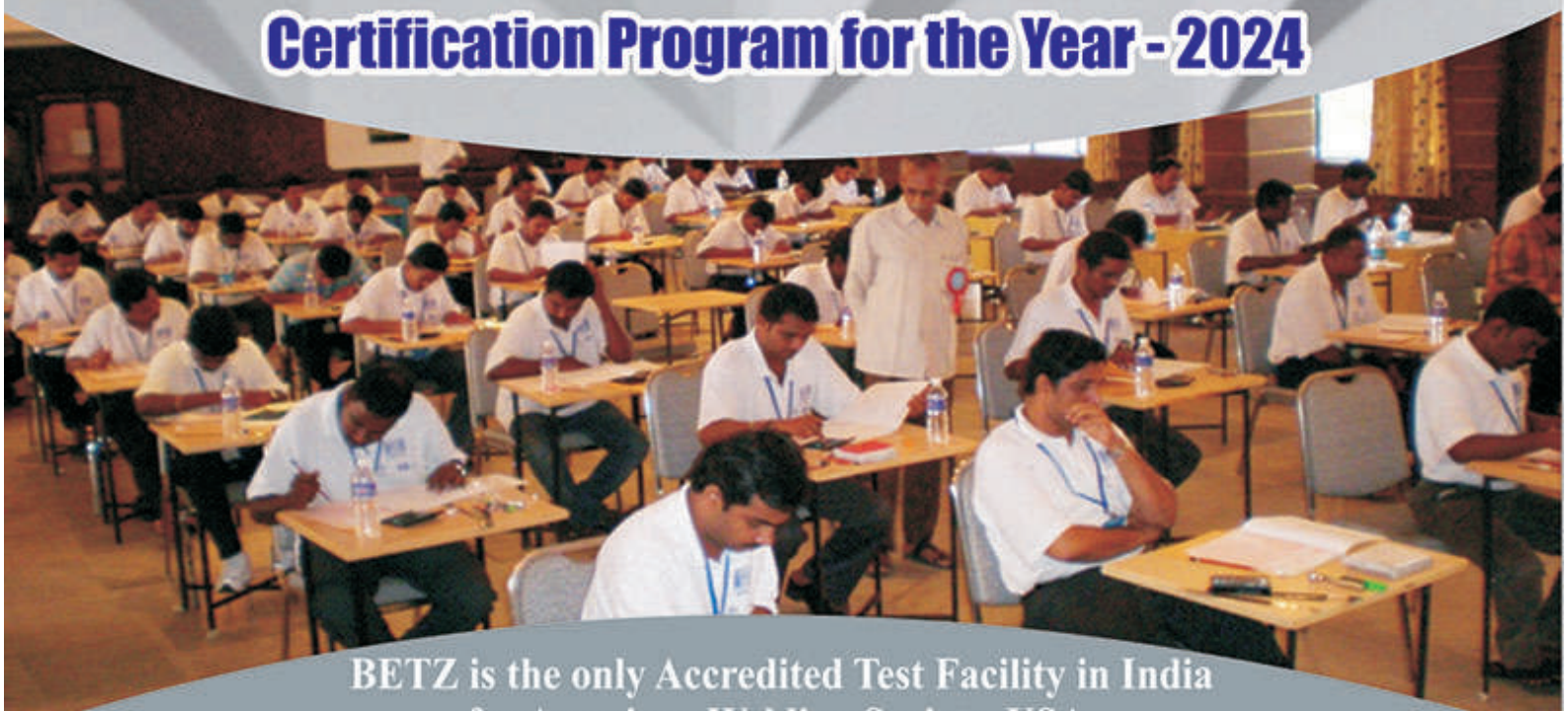
BETZ ENGINEERING & TECHNOLOGY ZONE

Educational & Research Division



TC - 12622

Certification Program for the Year - 2024



BETZ is the only Accredited Test Facility in India
for American Welding Society, USA.

BETZ is also an International Agency for AWS to conduct
Seminars and Certification Exams.

www.welding-certification.com

About Us

BETZ Engineering & Technology Zone is an accredited International Agency for 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.

The Certified Welding Inspector certification is more than a rewarding career. It involves great responsibility and remarkable skill demonstration. The CWI® is widely recognized, both nationally and internationally, and successful companies have come to rely on this AWS certification when ensuring the highest level of quality workmanship. As a Certified Welding Inspector, you will find this career path lucrative and rewarding. This certification can lead you to a career that is engaging and promising on all levels. If what you need is a stable career where you will thrive and find fulfillment, then the CWI certification is for you.

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

AWS-CWI SCHEDULE-2024

Month	SITE	AWS CWI	Seminar City	Online Exam A & C
February	IN63724	21 to 28	Chennai	February 29, 2024
March	IN66024	23 to 30	Chennai	March 31, 2024
April	IN69024	22 to 29	Chennai	April 30, 2024
May	IN71324	23 to 30	Chennai	May 31, 2024
June	IN73324	22 to 29	Chennai	June 30, 2024
July	IN75624	23 to 30	Chennai	July 31, 2024
August	IN77724	23 to 30	Chennai	August 31, 2024
September	IN79824	22 to 29	Chennai	September 30, 2024
October	IN82124	23 to 30	Chennai	October 31, 2024
November	IN84624	22 to 29	Chennai	November 30, 2024
December	IN87224	22 to 29	Chennai	December 30, 2024

Application must be emailed to BETZ no later than (5) weeks before the test date

Eligibility

MINIMUM EDUCATION	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

Seminar Pattern

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)

- 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 gives a career boost for all individuals in engineering domain, it is specifically recommended for the professionals in the following category:

- ❖ 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.

Registration Process

All the registrations are to be completed preferably Five (5) weeks prior to the commencement of 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 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

Mode of Payment

Seminar Fee : Rs.30,000/- wire transfer to the following account.

Name : BETZ Educational & Research Division

Bank : KARUR VYSYA BANK LTD

Branch : ALANDUR

Account Number : 1104115000021458

IFSC : KVBL0001104

Exam Fee : USD1285 wire transfer to the following account

Company Name : Betz Engineering Inc.

Bank Name : JP Morgan Chase

Account No : 833239152

Routing Number : 322271627

Swift Code : CHASUS33

Bank Address : JP Morgan Chase

334 S Diamond Bar Blvd

Diamond Bar, CA 91765, USA

USD120 for Prometric Sitting also transfer to the above account.



Appropriate Course Materials will be provided well-in advance during registration, to help you prepare for the exam. Seminar kit will be provided during the first day of seminar.

Lunch and Refreshments will be provided during the seminar and exam



After completion of the seminar and 40 hours Training, Course completion certificate will be provided.

A/C Accommodation will be provided during the seminar on first come first serve basic (4 Rooms / 10 Bed only)



Training Venue :

BETZ ENGINEERING & TECHNOLOGY ZONE

Door # 21, Dharakeshwari Nagar

1st Street, Sembakkam,

Tambaram to Velacherry Main Road,

Chennai – 600 073, INDIA.

Tel: +91 44 - 2278 0291

Mobile: 9840175179 / 9551665681 / 83

E-mail: rg_ganesan@yahoo.com,
registration@welding-certification.com