



BETZ IS AN ACCREDITED INTERNATIONAL AGENCY

for

AMERICAN WELDING SOCIETY, U.S.A

to conduct seminar and certification programs for AWS in India and Overseas

Scheduled for the year - 2012



About us

BETZ Engineering & Technology Zone is an accredited international agency for American Welding Society, Florida, USA to conduct seminars and certification programs for AWS - CWI and SCWI in India and Overseas

Betz is also an ISO 9001 : 2008 company. BETZ has provided QA/QC & NDT Services. It has trained and certified more than 1600 CWI during the last ten years since incorporation.

AWS/CWI

"The AWS/CWI Certification is one of the industry's most reputed Stamps of approval. Industry professional who qualify for CWI & SCWI are highly regarded and sought after throughout the welding and QA/QC industry, because certification adheres to a highly documented level of skill & capability". Courtesy: American Welding Society, USA.

Eligibility

AWS mantra is to promote "Welders" with adequate experience and knowledge as "Welding inspectors". So the society is flexible when it comes to the educational qualification.

AWS/CWI Seminars & Certification exams.

Become AWS certified and get immediate recognition

and Job opportunities across the world.

AWS/CWI - The passport to rewarding career

✓ If you are in the welding profession with 3 to 5+ years of experience, then you qualify for this exam.

✓ High school Pass outs or Diploma holders or Engineering graduates all qualify for this certification if they have enough and relevant experience in this field and aspire to become an Inspector.

Seminar Pattern

All Seminar's will be conducted in our own state of the art training & research division situated in our 12,000 sq.ft premises at Tambaram, Chennai.

✓ 3 days of the seminar will be used to cover the (Part A) "Fundamentals" part of the examination that covers all the facets of AWS QC, 2007, Welding Process, Weld Joint Geometry and Welding Symbols, Document Governing Welding Inspection and Qualification, Metal Properties and Destructive Testing, Welding Metallurg, Weld and Base Metal Discontinuities, Visual Inspection and other NDE Methods and Symbols, Safety in Welding and Cutting.

✓ 2 days will be used to cover the (Part B) "practical applications" part of the examination. This will expose you to actual visual inspection tools, gauges and weld replicas and further to the acceptability and rejection criteria of sample weldments based on the book of specification.

✓ 2 days will be used to expose and refresh your skills incomprehending the welding code books (Part C) including qualification of welding procedure. (All candidates should bring their own book. API #1104/AWS- D.1.1/ASME)

✓ One day will be totally dedicated to discussion & review session for part-A, B & C.



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 event.



After completion of the seminar and 60 hours of course, completion certificate will be provided.



A/C Accommodation will be provided during the seminar on first come first serve basis (10 rooms/20 Bed Only)

Key Beneficiaries of the event

Though the seminar and certification gives a career boost for all individuals who go through this, it is specifically recommended for the professionals in the following category:

- ✓ Welding Foremen, Inspectors & Engineers.
- ✓ Quality assurance & Control inspectors, Supervisors and Engineers.
- ✓ Field service staff, Engineers and Supervisors.
- ✓ Erection & Construction Engineers and Supervisors.
- ✓ Field Experience Welders & NDT Professionals.

Exam Pattern

| Examination | Min no. of Questions | Duration | Min% to Pass |
|----------------------|----------------------|----------|--------------|
| PartA - Fundamentals | 150 | 2 hrs | 72% CB |
| PartB-Practical | 46 | 2 hrs | 72% CB |
| PartC-Code Book | 60 | 2 hrs | 72% OB |

CB - Closed Book; OB - Open Book

Registration Process

All the registrations are to be completed preferably 4 weeks prior to the commencement of the seminar, to avoid any late fees or disappointment. For registration call us at **9840175179/9551665681** or email us to **betzzone@vsnl.net** / **info@welding-certification.com**

Upon completion of registration process, candidates can collect their copy of study materials and AWS QC1:2007 certification handbook. This will help you to start your preparations immediately.

Renewals

The renewal process is part of your continued certification according to QC1:2007 The Validity of the certification is 3 years and CWIs can renew their status by applying in the prescribed application format before the expiration date of the certification.

If the renewals are not applied before expiration, the candidates lose their CWI status and will have to reappear for fresh certification.

Contact us for the renewals of your AWS/CWI & SCWI Certifications well before 8-weeks of expiration.



AWS - CWI CALENDAR FOR THE YEAR 2012

| S.no | Month | Seminar Dates | Seminar City | Study Holiday | Date of exam | Exam City |
|------|-----------|---------------|--------------|---------------|----------------------------|--------------|
| 1 | January | 22-29 | Chennai | 30 | 31 st January | Chennai |
| 2 | February | 19-26 | Chennai | 27 | 28 th February | Coimbatore |
| 3 | March | 22-29 | Chennai | 30 | 31 st March | Chennai |
| 4 | April | 22-28 | Chennai | 29 | 30 th April | Chennai |
| 5 | May | 20-27 | Chennai | 28 | 29 th May | Chennai |
| 6 | June | 21-28 | Chennai | 29 | 30 th June | Chennai |
| 7 | July | 22-29 | Chennai | 30 | 31 st July | Coimbatore |
| 8 | August | 19-26 | Chennai | 27 | 28 th August | Chennai |
| 9 | September | 20-27 | Chennai | 28 | 29 th September | Chennai |
| 10 | October | 21-28 | Chennai | 29 | 30 th October | Chennai |
| 11 | November | 18-25 | Chennai | 26 | 27 th November | Trichy/Pondy |
| 12 | December | 20-27 | Chennai | 28 | 29 th December | Coimbatore |

FEES STRUCTURE

| FRESH CANDIDATES | |
|---------------------------|-----------------------------|
| Seminar | Rs.15,000/- ★ |
| Orientation Class | Rs.3000/- |
| Exam Fees | US \$850 |
| A/C Accommodation Charges | Rs.2500/- ★★ For 10 Days |

★ Accommodations are filled on first come first serve basis only. (20 beds)

* Monthly event brochure will be provided on request.

| RE-EXAM CANDIDATES | | |
|--------------------|------------------|--------------------------|
| No. of Papers | Exam Fees in USD | Training Fess & Duration |
| 1 | \$350 ★ | Rs.3000/- ★ 5 Days |
| 2 | \$650 ★ | Rs.5000/- ★ 6 Days |
| 3 | \$800 ★ | Rs.7000/- ★ 8 Days |

★ The above fees are applicable for BETZ Trained candidates

ONE YEAR COMPLIMENTARY AWS MEMBERSHIP INCLUDED

Value Added Courses

- ✓ How to Prepare WPS, PQR & WPQ - 3Days
- ✓ Seminar on Industrial Application of Guided Waves, PAUT, TOFD
- ✓ Metal Properties, Destructive Testing & Non Destructive Testing
- ✓ Welding Process, Weld Geometry, Symbols and Weld Discontinuity
- ✓ Materials and Metallurgy for Engineers
- ✓ Failure Analysis of Industrial Components
- ✓ Introduction of Metal Casting & Discontinuity Removal Process & NDT

BETZ Engineering and Technology Zone

An ISO 9001 : 2000 Company

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