

FEES STRUCTURE

Month	Seminar Dates	Exam Date	Seminar City	Exam City
January	1 - 23	24 th January	Chennai	Chennai
February	1 - 20	21 st February	Chennai	Chennai
March	4 - 23	24 th March	Chennai	Chennai
April	3 - 22	23 rd April	Chennai	Chennai
May	3 - 22	23 rd May	Chennai	Chennai
June	3 - 22	23 rd June	Chennai	Chennai
July	4 - 23	24 th July	Chennai	Chennai
August	3 - 22	23 rd August	Chennai	Chennai
September	3 - 22	23 rd September	Chennai	Chennai
October	4 - 23	24 th October	Chennai	Chennai
November	3 - 22	23 rd November	Chennai	Chennai
December	2 - 21	22 nd December	Chennai	Chennai

Seminar	Rs. 15,000/-
Examination Fee	Rs. 500/-*
A/C - Accommodation Charges	Rs. 5000/-**

* Per Certificate
** For the entire training days of Accommodation.

Renewal fee Rs. 500/- per certificate

ONE YEAR COMPLIMENTARY BETZ MEMBERSHIP

Appropriate Course materials will be provided well-in advance during registration, to develop your knowledge and experience. Seminar kit will be provided during the first day of seminar.



Lunch and Refreshments will be provided during the seminar event and Examination.

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



All Qualification & Certification will be conducted in our own state of the art Training & Research Division, a 12,000 sq.ft. premises at Tambaram, Chennai.



AN ISO 9001 : 2008

BETZ ENGINEERING & TECHNOLOGY ZONE

EDUCATIONAL & RESEARCH DIVISION

21, Dharakeshwari Nagar 1st Street, Sembakkam, Tambaram to Velacherry Main Road, Chennai – 600 073, INDIA.

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www.welding-certification.com



American Welding Society
INTERNATIONAL



BETZ is a Corporate Partner of AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING, U.S.A.



American Welding Society
INTERNATIONAL

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



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

Training and Certification for NDT Personnel as per SNT-TC-1A, ASNT



NDT LEVEL - I & II

NDT CALENDAR FOR THE YEAR 2015

www.welding-certification.com

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 in India and Worldwide, BETZ is an ISO 9001:2008 company. Also BETZ is the only "ATF-Accredited Test Facility" for AWS to evaluate and certify welders in India.



Eligibility

MINIMUM EDUCATION	MINIMUM WORK EXPERIENCE
Degree in Engineering / Technology or Physical Science (BE, B. Tech, B.Sc)	1 Year
Diploma in Engineering (DME) (3 Years engineering / technical courses)	2 Years
Higher Secondary School (H. Sc) (after 10th Minimum 2 years higher Study)	2 Years
High school with ITI (SSLC+ITI)	2 Years
At least 10th grade (SSLC)	3 Years

Seminar Pattern

Liquid Penetrant Testing

Introduction, Liquid Penetrant Processing, Various Penetrant Testing Methods, Liquid Penetrant Testing Equipment.

Review, Selection of the Appropriate Penetrant Testing Method, Inspection and Evaluation of Indications, Inspection Procedures and Standards, Basic Methods of Instruction.

Magnetic Particle Testing

Principles, Flux Fields, Principles of Magnets and Magnetic Fields, Characteristics of Magnetic Fields, Effect of Discontinuities of Materials, Magnetization by Means of Electric Current, Selecting the Proper Method of Magnetization, Inspection Materials, Principles of Demagnetization, Magnetic Particle Testing Equipment, Types of Discontinuities Detected by Magnetic Particle Testing, Magnetic Particle Test Indications and Interpretations.

Effects of Discontinuities on Materials, Magnetization by Means of Electric Current, Selecting the Proper Method of Magnetization, Demagnetization Procedures, Equipment, Types of Discontinuities, Evaluation Techniques, Quality Control of Equipment and Processes.

Ultrasonic Testing

Introduction, Basic Principles of Acoustics, Equipment, Review of Ultrasonic Technique Course, Evaluation of Base Material Product Forms, Evaluation of Weldments, Evaluation of Bonded Structures, Discontinuity Detection, Evaluation.

Radiographic Testing

Personnel Monitoring, Survey Instruments, Leak Testing of Sealed Radioactive Sources, Leak Testing of Sealed Radioactive Sources, Radiographic Work Practices, Exposure Devices, Emergency Procedures, Storage and shipment of Exposed Devices and Sources, State and Federal Regulations.

Review of Basic Radiographic Principles, Darkroom Facilities, Techniques and Processing, Indications, Discontinuities and Defects, Manufacturing Processes and Associated Discontinuities, Radiological Safety Principles Review.

Radiographic Evaluation and Interpretation, Radiographic Viewing, Application Techniques, Evaluation of Castings, Evaluation of Weldments, Standards, Codes and Procedures for Radiography.

Key Beneficiaries of the event

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

- Field Experience NDT Professionals
- Experience Shop Floor Welders
- Welding Foremen, Inspectors & Engineers.
- Quality Assurance & Control Inspectors, Supervisors and Engineers.
- Field service staff, Engineers and Supervisors.
- Erection & Construction Engineers and Supervisors.

Registration Process

- ◆ Registration / application is to be completed preferably 4 weeks prior to the commencement of the seminar, to avoid any late fees or disappointments.
- ◆ Upon completion of the registration process, candidates can collect their copy of study materials. This will help you to start your preparations immediately.

Mode of payment:

- ❖ The Seminar fees of Rs.15000 and Examination fees of Rs.500 per certificate can be paid by Cash during spot Registration.
- ❖ All the necessary documents along with DD and filled registration form should be sent to (our Admin Office) following address:-

BETZ ENGINEERING & TECHNOLOGY ZONE

#74, First Street, Jeevan Nagar,

Adambakkam, Chennai -600 088.

Phone: 044-65354123 / 22670206

Mobile: 9551665683 / 9840475179

The seminar fees include the following:

- ✓ 15 Days seminar with lunch and break refreshments.
- ✓ 2 Days Welding & Metallurgy Class with lunch and break refreshments
- ✓ 3 Days onsite practical exposure
- ✓ 1 Day of examination with lunch and refreshments.

Free onsite Industrial Training on NDT will be provided for Three months with food and accommodation.