



SEA TM Since 2002
SANJARY EDUCATIONAL ACADEMY [®]

(Governed by Sanjary Educational Academy Society , Govt. Registered No. 348 / 08)

ISO 9001 : 2008 Certified

Head Officer : S.NO. 24 & 25 , 3rd Floor , SANALI MALL , above Mcdonalds , Opp. Chermas Show room , Abid , Hyderabad , Telangana , India . phone :+91- 40- 65268809 / 9985715560

**TRAINING AND CERTIFICATION
TO
ENGINEERS / INDIVIDUALS**

PIPING DESIGN , QA/QC, QMS , SAFETY(HSE) , WELDING, NDT & PRESSURE VESSEL DESIGN etc

Certification Course

Course Title : NDT Level II – PT , MT , RT , UT

Eligibility Criteria : Any Graduate

Duration of Course : 15 Days

Daily Classes : Two Hours Per Day

Maximum No. of Students in a batch : 15

**Venue : SANJARY EDUCATIONAL ACADEMY ,
HEAD OFFICE: 5-9-233 / 234 , S. No. 24 & 25 , 3rd Floor,
SANALI MALL Opposite Chermas Showroom , Abids ,
Hyderabad - 500001, Andhra Pradesh , India**

Please register prior to the above course commencement date.

Note :

1. Course Fees includes the course materials (Hard Copy only) Training ,examination and certification .
2. Certificate , Mark Sheet and Qualification Card will be awarded to you after successfully completion of course & examination.
3. For International Students (B.Tech / Diploma Engineer) - Sanjary Educational Academy will send invitation letter to International Student for obtaining a Visa

from Indian Embassy in your country after 50% advance payment of the above mentioned course fee

4. Sanjary Educational Academy shall be not responsible for pick and drop arrangement from Air port / Railway Station.

Placement Assistance for Gulf / Middle East. Please contact our sister company **M/s Sanjary Overseas Consultant** , S. No. 25 , Sanali Mall , Abids , Hyderabad ,A.P., India

Sanjary Educational Academy legally established in the year 2002. **Sanjary Educational Academy** is a Society Registered as 347/08 by Govt. Telangana State . India . Undertaking high quality of training , certification to Engineers and Individuals , solution and time to time achieve higher level of educational values in various sectors including oil & gas , petrochemicals , refineries , power energies , construction projects etc in the field of Piping Design , Piping Engineering , QA QC, QMS , Industrial Safety (HSE) , Welding Technology etc.

Sanjary Educational Academy is a Member of Federation of Telangana and Andhra Pradesh Chambers of Commerce and Industries (FTAPCCI)

Sanjary Educational Academy an ISO 9001:2008 Certified for Design & Development of Courses in QA, QC, QMS, Industrial Safety (HSE), Piping Engineering, Information Technology (IT), Integrated management System (IMS), Six Sigma, NDT, Welding Inspection, Piping Inspection & related Training, Examination and Certification,

M /S SANJARY EDUCATIONAL ACADEMY (SEA) IS ONLY ONE IN WORLD TO CERTIFY :

Certified QA / QC Manager ,

Certified QA / QC Engineer – Civil , Mechanical , E & I , Piping

Certified QA / QC Inspector – Civil , Mechanical , E & I , Piping

Certified Piping Design Engineer ,

Certified Pressure Vessel Design Engineer ,

Certified Welding Engineer

Certified Safety Manager

Certified Safety Engineer ,

Certified Safety Officer

Certified Document Controller

NATIONAL & INTERNATIONAL AWARDS WINERS

SANJARY EDUCATIONAL ACADEMY Awarded The Most Prestige's

- ▶ **“Indian Achievers Award for Quality Excellence”**
 , August 5 , 2010, New Delhi.
- ▶ **“Indira Gandhi Excellence Award for Education Excellence ”**
 December 21 , 2014 , New Delhi
- ▶ **“International Achievers Award for Education Excellence “**
 August 27 , 2010, Bangkok.

Mr. Mohammed Saleem – SEA President Awarded The India's most Prestigious

- ▶ **“Bharat Jyoti Award”**
 January. 7, 2006 , Hyderabad , India

SEA certification / qualification is accepted and recognized by major National & International companies in the world including India , Saudi Arabia , UAE , Kuwait , Qatar , Bahrain , Oman , Jordan , Iraq , Iran , Yemen , Nigeria , Sudan , Libya , Turkey Portugal, Cameroon, Vietnami , Congo & other countries. Our SEA certified Engineers are already working in the above said countries.

SEA has trained & certified more than 5000 Engineers & Individuals in last five (5) years in different engineering disciplines and various sectors which include Oil and Gas , Petrochemicals , Refineries , Power Plant , Aeronautics & Construction projects etc.

M/s Sanjary Educational Academy has organized various National & International Conferences and Seminars in India & Abroad on Piping Design and Engineering , QA / QC , Safety (HSE) , Welding Technology etc in the field of Oil and Gas , petrochemicals and power Plant Industries.

Overview of course for *NDT Level II – PT , MT , RT , UT*

1. LIQUID PENETRANT TESTING – LEVEL II

Duration : 4 days (40 hours - Power Point Presentation)

Course Syllabus

- Section 1 Introduction**
- Section 2 Principle of Penetrant Testing**
- Section 3 Equipment Involved Review and Exercises**
- Section 4 Liquid Penetrant Testing Procedures Workshop and Group discussion**
- Section 5 Materials**
- Section 6 Evaluation of Indication**
- Section 7 Application of Liquid Penetrant Testing**
- Section 8 HAZARDS Precautions**
- Section 9 Code Requirements Review and Exercises**

Examination:

General Examination

Specific Examination

Practical Examination

2. MAGNETIC PARTICLE TESTING – LEVEL II

Duration : 4 days (40 hours - Power Point Presentation)

Course Syllabus

- Section 1 Principle of Magnetic Particle Testing**
- Section 2 Type of Magnetization**

- Section 3 Type of Magnetizing Current**
- Section 4 Magnetic Particle Testing Equipment Review and Exercises**
- Section 5 Method of De-Magnetization**
- Section 6 Magnetic Particle Medium**
- Section 7 Magnetic Particle Testing Techniques Review and Exercises**
- Section 8 Magnetic Particle Testing Procedures**
- Section 9 Evaluation of Indications and Acceptance Standards**
- Section 10 Limitation Review and Exercises**

Examination:

General Examination

Specific Examination

Practical Examination

3. RADIOGRAPHIC TESTING – LEVEL II

Duration : **06 days (80 hours - Power Point Presentation)**

Course Syllabus

- Section 1 Introduction**
- Section 2 Type of Industrial Radiation sources and Application**
- Section 3 Radiographic Exposure Factors and Technique**
- Section 4 GAMA Ray and X-Ray Equipment Review and Exercises**
- Section 5 Type of film**
- Section 6 Type of Screens**
- Section 7 Image Quality Indicators**
- Section 8 Radiography Contracts Review and Exercises**
- Section 9 Radiographic Techniques**

- Section 10** **Film Processing**
- Section 11** **Viewing of Radiographs**
- Section 12** **Radiograph Interpretation Review and Exercises**
- Section 13** **Radiograph Procedure Qualification**
- Section 14** **Radiographic Testing Procedures for welds**
- Section 15** **Radiographic Acceptable Level of Welds**

Examination:

General Examination

Specific Examination

Practical Examination

4. ULTRASONIC TESTING – LEVEL II

Duration : 06 days (80 hours - Power Point Presentation)

Course Syllabus

- Section 1** **Principle and Type of Ultrasonic Propagation**
- Section 2** **Properties of Ultrasonic**
- Section 3** **Types of Transducers Review and Exercises**
- Section 4** **Ultrasonic Testing Methods**
- Section 5** **Ultrasonic Testing Techniques**
- Section 6** **Calibration of Equipment Review and Exercises**
- Section 7** **Instrument Control**
- Section 8** **Method for Evaluating Discontinuities**
- Section 9** **Ultrasonic Testing Procedures for different component Review and Exercises**
- Section 10** **Ultrasonic Testing Procedures for Welds**
- Section 11** **Limitation**

Section 12 Code Requirement

Section 13 Acceptance Criteria for Weld Metals Review and Exercises

Examination:

General Examination

Specific Examination

Practical Examination

For any further details pls do not hesitate to contact us at

SANJARY EDUCATIONAL ACADEMY (SEA)

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Thanks and regards