

Daily Schedule : 7:30am - 3:30pm
Training Date : Upon Request
Training Venue : Doha
Traning Fees : TBI



QTPC provides NDT-Liquid Penetrant Testing training courses and examinations suitable for the following certification schemes at Levels 1 and 2:

- PCN/EN473/ISO 9712

An example of the syllabus that is used for Liquid Penetrant Testing Training Courses is shown below for Level 1 and 2: We can tailor the syllabus to satisfy the requirements of an individual company's specific written practice if requested.

Level- 1 General Theory

- Liquid Penetrant Testing (also known as Dye Penetrant Examination)
- Safety Precautions
- Surface preparation of materials for inspection
- Materials and Equipment used
- Assessment and implementation of Control Tests
- Suitable Testing Techniques
- Post-Test Procedures

Specific Theory:

Application of the method and use of codes; specifications and procedures that are applicable to the company, including the relevant control checks.

Level- 2 General Theory: (In addition to the level syllabus above)

- Safety Precautions
- Testing Procedures
- Detectability of Defects
- Interpretation and Reporting
- Post-Test Procedures
- Basic Production (Crude and Finished Products)
- Basic Casting Production Methods (Finished Products)
- Wrought Products Forming Processes
- Basic Welding Processes

Specific Theory:

Application of the method and use of codes; specifications and procedures that are applicable to the company, including the relevant control checks.

Practical Examination:

Produce written instructions, determine the best Conventional Testing Methods for the individual parts, process the inspection test pieces, record and report defects from known datum markers, carry out pre-test calibration checks and post-test procedures.



QATAR TECHNICAL PETROLEUM CENTER

PCN DYE PENETRANT LEVEL I & II

QTPC - AN ISO 9001:2008 Regd.



About the Instructor

P.SRIRAM

B.E Mechanical Engineering

Professional Qualifications

Testing : ASNT NDT LEVEL III (UT,MT,RT,PT) (CERT. NO: 173709)
Advanced NDT : Certificate Course in Phased Array, Tofd, Guided Waves (IIT-Madras)

Working Experience

Total Experience : 2+ Years

Period : Feb 2009 to Till Date
Organization : Indo Technological services, Chennai
Designation : Chief Executive
• Developing and approving NDT Procedure
• Conducting NDT Training Courses
• Consulting, Training and Certifying and Vendor inspection services

Period : August 2008 to January 2009
Organization : The KCP Ltd. (Engineering Unit)
Designation : NDT In charge (QC Department)
• Allocation of man power for doing the NDT Inspection
• Developing the NDT Procedure
• Coordination with Client Inspector
• Regular NDT Training carried out for Level II inspectors

Period : Feb.2007 to July 2008
Designation : NDT/ Welding Inspector (QC)
Organization : GSM Inspection Services, Chennai.
• For Welding Procedure Specification identify the NDT results.
• Test plates was identified and verified for Welder Performance Qualification.
• Co - ordination with class surveyors for Approval of WPQ/WPS like ABS, LR, DNV, BV, GL, NKK etc.
• Project co-ordination for plant shut downs (NDT and Visual Inspection)
• Performing, evaluating & reporting of NDT jobs
• For identify the materials and welding procedure as per the codes and standards Such as American Standard : ASME (Sec V, VIII & IX) , AWS D1.1
• Inspection of dimensional, Alignments and fit up and weld preparations for ship Structures.
• Visual inspection for welding - butt welds / fillet welds
• Evaluation of weld joints/ship structures using visual/NDT methods.
• Pre weld / Post weld visual inspections for using standard identified ASME Sec VIII, AWS D1.1
• For Piping and Boiler tubes pre weld / post weld inspection for using standard ASME Sec VIII, ANSI B31.3 / API 1104
• Verify the used procedure ASME IX (Ref: class rules ABS/DNV/LR)
• During post weld heat treatment identify the specified temperature and recorder charts
• Film interpretation for Radiographs
• Performed and verified NDT reports as per the standard ASME V, VIII , AWS D1.1 AP1 1104
• Performed the duties as NDT inspector for NDT & Heat treatment jobs in various marine vessels and projects
• Thickness measurement as per IACS requirements for ABS, DNV, LRS, BV, GL, NK, RINA & IRS
• Preparation of Ship technical drawings and reports
• Performing, evaluating & reporting of NDT jobs
• Co-ordination with class surveyors
• Preparation of final inspection reports and Technical drawings