



LLP P.O. Box 802404 ♦ Houston, TX 77280-2404 ♦ Telephone (713) 460-3655 ♦ FAX (713) 460-3695

ACCU-TEST LABS NDT TRAINING REGISTRATION

STUDENT NAME: _____

COMPANY: _____

ADDRESS: _____

CITY: _____

STATE _____

ZIP CODE: _____

COUNTRY: _____

COMPANY PHONE: _____

CELL PHONE: _____

FAX NUMBER: _____

EMAIL ADDRESS: _____

COURSE TITLE: _____

COURSE DATE: _____

CREDIT CARD PAYMENTS

CARD TYPE:

VISA CARD NUMBER _____

MASTERCARD VERIFICATION NUMBER _____

AMEX EXP DATE _____

DISCOVER NAME ON CARD: _____

BILLING INFORMATION ADDRESS _____

CITY _____

STATE / ZIP _____

CHECK OR PURCHASE ORDERS

TYPE OF PAYMENT

CHECK CHECK NUMBER _____

PURCHASE ORDER PURCHASE ORDER NUMBER _____

If payment is by check or purchase order prior arrangement must be made by contacting Robin Bayes at rbayes@accutest-labs.com or 713-460-3655

COMMENTS: _____

ACCU-TEST LABS

NDT TRAINING CENTER

The listed classroom training curriculums will be in accordance with the latest revision of American Society of Nondestructive Testing (ASNT) Personnel Qualification and Certification in Nondestructive Testing, Recommended Practice SNT-TC-1A and Standard CP-189. Classroom training materials are included. The training will also include hands on exposure in the appropriate methods. Hands on time will be spent learning practical applications with concentrated efforts on the setup and calibration of the equipment. Upon successful completion of the classes, quizzes and final exam a certificate of completion will be issued which will reflect the classroom training hours.

All classes will begin with basic introduction to Nondestructive Testing (NDT)

All classes will be taught by an ANST NDT Level III in the method presented.

CLASS SCHEDULE

Liquid Penetrant Testing (PT)

Level I and Level II - November 14, 2011 through November 15, 2011

Level I and Level II - February 6, 2012 through February 7, 2012

Level I and Level II - April 2, 2012 through April 3, 2012

Level I and Level II - May 7, 2012 through May 8, 2012

Magnetic Particle Testing (MT)

Level I and Level II - November 16, 2011 through November 18, 2011

Level I and Level II - February 8, 2012 through February 7107, 2012

Level I and Level II - April 4, 2012 through April 6, 2012

Level I and Level II - May 9, 2012 through May 11, 2012

Ultrasonic Testing (UT)

Level I - February 20, 2012 through February 24, 2012 – Level II February 27, 2012 through March 2, 2012

Level I - April 9, 2012 through April 13, 2012 - Level II April 16, 2012 through April 20, 2012

Level I May 14, 2012 through May 18, 2012 - Level II May 21, 2012 through May 25, 2012

BASIC CURRICULUMS

Magnetic Particle Testing (MT) - Level I and Level II

(20 total hours of classroom training – 10 hands on application hours)

- **Introduction to MT**
- **Basic metallurgy**
- **Principles of MT**
- **MT Flux fields**
- **Effects of discontinuities on materials**
- **Techniques**
- **Methods of magnetization**
- **Demagnetization**
- **Equipment**
- **Types of discontinuities**
- **Evaluation techniques**
- **Quality control**
- **Codes and standards (SNT-TC-1A, ASME SEC V, API 6A)**
- **Hands on applications**

COST - \$720.00 per person

Liquid Penetrant Testing (PT) – Level I and Level II

(12 total hours of classroom training – 8 hours hands on application hours)

- Introduction to PT
- Basic metallurgy
- PT processing
- PT methods
- PT equipment
- Basic principals
- PT material properties
- Material Types
- PT methods and procedures
- Qualification of procedures
- Interpretation and evaluation of indications
- Quality control
- Codes and standards (SNT-TC-1A, ASME SEC V, API 6A)
- Hands on applications

COST - \$480.00 PER PERSON

ULTRASONIC TESTING (UT) – LEVEL I AND LEVEL II

(80 total hours of classroom training – 20 hours hands on application hours)

- **Introduction to UT**
- **Basic metallurgy**
- **Fundamental concepts**
- **Sound wave propagation**
- **Modes of vibration**
- **Acoustic interfaces**
- **Acoustic impedance**
- **UT equipment**
- **Generation of Ultrasonic waves**
- **Ferroelectric material**
- **Beam characteristics**
- **UT applications**
- **Calibrations**
- **Time, Distance, Velocity**
- **Contact straight beam (longitudinal wave) theory**
- **Longitudinal techniques**
- **Angle beam (shear wave) theory**
- **Shear wave techniques**
- **Test parameters**
- **Procedures**
- **Interpretation and evaluation of indications**
- **Quality control**
- **Codes and standards (SNT-TC-1A, ASME SEC V, API 6A, AWS D1.1)**
- **Hands on applications**

COST - \$2000.00 PER PERSON