



ASNT
SAN DIEGO
SECTION

Between the Cracks

San Diego Section
American Society for Non-Destructive Testing, Inc.

NEWSLETTER - Vol. 8, Issue 3 October 2018

Board of Directors:

Chairman:

Ramon Thomson

ramonithomson@gmail.com

Vice Chairman:

Michael Diaz

mike.diaz05@gmail.com

Treasurer:

Aurapong (Jerry) McAnulty

mcanultyaj@yahoo.com

Secretary:

William Harris

wilwelder41@aol.com

Past Chairman:

Denise McKay

poppydancer@yahoo.com

Directors-at-Large:

Erik Roed

ecroed@gmail.com

Gary Bass

gbass@chromalloy.com

Larry Olsen

sd-asnt@cox.net

Hans Weber

hansweber@earthlink.net

San Diego Section

of the American Society for
Non-Destructive Testing, Inc.

sd-asnt@cox.net

Website:

www.sd-asnt.org

Mr. Dan Guerrero is the Speaker for November 6th, 2018

Mr. Dan Guerrero is involved with **Willick Engineering**; in the service, sales, design & management of Industrial Imaging systems for 34 years. Mr. Guerrero started Intec Systems Company; corporate computer networking, repairs, consulting.

Mr. Guerrero spent his college years at Cerritos College; he studied Electronics, Computer and Information Technology accounting and business management. He studied his Level I, II, III Radiography at TEST NDT. He is the current Corporate Level III RT+ Digital per NAS 410, ASNT-SNT-TC-1A.

Mr. Guerrero has additional factory training which includes:

- ◆ Computed Tomography: VJ Technologies, Phoenix Microfocus (Germany), Digisens (France), Volume Graphics (CT reconstruction)
- ◆ High Voltage X-ray: Spellman High Voltage, Gulmay Medical Systems, TFI Corporation, Lorad, ICM (Belgium)
- ◆ DR\CR: Orex (CR), Kodak Industrex (CR), Carestreamhealth (CR), Array Corporation (Digitizers), Durr NDT (CR/DR –Germany).

Mr. Guerrero is currently **President of Willick Engineering Company, Inc.**

The title of his talk is: *“Qualifying your CR System per ASTM E2445-14”*. He will be providing a practical explanation of the terms and methods of developing a CR qualification program in accordance with the ASTM E2445-14 standard.

Meeting Details

Tuesday, November 6th, 2018

Social time 5:00-6:00 PM

Dinner 6:00-7:00 PM

Presentation begins 7:00PM
in the **“Lord Jim Room”** of the **Best Western Seven Seas’ Restaurant.**

BOD Meeting 8:00-8:45PM

411 Hotel Circle S, San Diego, 92108

Meals to include: Green Salad, rolls served in baskets, **Dessert**, Coffee, Decaf, Hot or Iced Tea.

The meal choices for the

November 6th meeting are:

Roast Turkey & Dressing

w/ mashed potatoes, gravy, cranberry sauce and vegetables or **Baked Ham** topped with Pineapple w/ au gratin potatoes and vegetables *should you have special dietary need*

Vegan or Vegetarian Plate

is available on request prior to meeting date.

Please leave message at **619-444-2319** or e-mail

below: sd-asnt@cox.net

Please RSVP by the end of business November 2nd, 2018, the Friday preceding the meeting with your intent to attend and meal choice.

www.bw7seas.com

Meeting Attendance at presentation only is no cost

Meeting Dinner Cost:

San Diego Section

ASNT Student Member,

Military and Retired Members: \$10.00

ASNT Members and Guests: \$25.00

Save the Date

December 4th,
2018

Speaker

Mike Grubb

San Diego Sherriff
Crime Lab

Year End Cash Raffle \$250.00

will be drawn at the **May 7th, 2019 Meeting**. When you purchase a dinner you will receive a raffle ticket. The more meetings you attend the more possible tickets you will have to be entered into the drawing.

**You must be present at the
MAY 7th, 2019 MEETING to win.**



Between the Cracks

Save the Date - December 4th, 2018

Speaker Mr. Mike Grubb from **San Diego County Sheriffs Department Crime Lab** is a 1975 graduate of the University of California, Berkeley, Forensic Science Program in the School of Criminology.

From 1975 to 1980, Mr. Grubb was a criminalist at the Institute of Forensic Sciences in Oakland, Calif.

In 1980 he moved to the Seattle area and went to work for the Washington State Patrol Crime Laboratory System, conducting casework in Trace Evidence, Firearms, Biology and Crime Scenes. Mr. Grubb became a supervisor in 1989 and eventually became the Crime Lab Director in Seattle in 1996.

In 1999, Mr. Grubb accepted the position of Crime Lab Manager at the San Diego Police Department Crime Lab, and was there 12 years before moving over to the Sheriff's Regional Crime Laboratory in December 2010.

He is a member of the American Academy of Forensic Sciences, the American Society of Crime Lab Directors, and the California Association of Crime Lab Directors. He is a former Chair of ASCLD/LAB, the international crime laboratory accrediting body.

Mike and his wife Debbie have three children and six grandchildren.

The title of his talk is; ["A New Sheriff's Crime Lab – and an Interesting DNA Case"](#). Since 1994 the Sheriff's Regional Crime Lab has been located in the old Clairemont Hospital, a building that is now 55 years old. Deterioration of the building led to approval by the Board of Supervisors to construct a new Sheriff's Crime Lab at the County Operations Center in Kearny Mesa. We moved into the new lab in August 2018. This will be a quick photo tour.

In 2013 a child molester was active in Escondido and San Marcos. He would enter homes in the middle of the night and fondle little girls. This presentation discusses a novel way of using DNA to detect who the perpetrator was.



**INSPECTION
TECHNOLOGIES**

INCORPORATED



"Instruments for
nondestructive testing
and quality control"

Randy Jones ext. 124
Jay Schraan ext. 123
2701-A N. Towne Ave., Pomona, CA 91767
(909) 626-2600
Fax (909) 626-3540
www.inspectiontechnologies.net

- MT Equipment/Supplies
- PT Equipment/Supplies
- Conductivity Testers/Blocks
- UT/ET Instruments/Probes
- Test Blocks/Standards/Cables
- UT Immersion Systems
- X-Ray Equipment/Supplies
- Image Intensifiers
- Used NDT Equipment
- Fiberscopes/Borescopes
- Video Systems/Accessories



MAGNAFLUX

**WEST COAST
INSPECTION SERVICES**
SPECIAL INSPECTION, NDT

OUR SERVICES:

- PROJECT MANAGEMENT
- CERTIFIED WELDING INSPECTION
- NON-DESTRUCTIVE TESTING
- UNDERWATER INSPECTION
- WELDER QUALIFICATION
- & MORE

CALL TODAY AT: +1 (855) 999-WCIS

WWW.WCIS-CORP.COM

TEST
NDT

NDT Training, Level I, II, III & Level III Services

"When only the Best is good enough"

Cathy Harvey, Office Manager

193 Viking Ave., Brea, CA 92821, USA

Ph. (714) 255-1500

Fax. (714) 255-1580

Email: ndttrain@aol.com

Web: www.testndt.com

PH TOOL Reference Standards
Calibration Blocks



267-203-1600 / www.phtool.com 6021 Easton Road / Pipersville, PA 18947



2018-2019 Technical / Administrative Program

San Diego Section of the American Society for NDT, Inc.

2018:

September 4th: John Stewart, Executive Director of AATA, **“Evaluating the shortage of NDT Technicians in the USA”**.

October 2nd: Peter Cawley, CEO of Kimtron Inc., **“Total Cost of Ownership (TCO) of NDT X-ray Equipment”**.

October 28th-October 31st: **ASNT Annual Conference 2018** at George R. Brown Convention Center / Houston, Texas.

November 6th: Dan Guerrero, Willick Engineering Company, Inc., **“Qualifying your CR System per ASTM 2445-14”**

December 4th: Mike Grubb, San Diego Sheriff Crime Lab **“A New Sheriff’s Crime Lab – and an Interesting DNA Case”** -Christmas Event-Spouse / Companion / Guest night: All spouses (significant others) will have dinner provided by the section. Each person in attendance to bring a wrapped white elephant gift (\$10.00 - \$15.00)

2019:

January 1st: (Dark-No Meeting-New Year’s Day)

February 5th: “Past Chairman’s Night”, **TBD**

March 5th: **TBD**

April 2nd: **TBD**

April 1st - 4th **ASNT 28th Research Symposium 2019**. Hyatt Regency Orange County / Garden Grove, California

May 7th: **“Annual Science Fair Awards”** (NDT-related projects).

June (TBA) : Ramon Thomson, Change of Gavel

November 18 - 21 **ASNT Annual Conference 2019** - Westgate Las Vegas Resort and Casino / Las Vegas, Nevada

FUJIFILM

Value from Innovation

Dave Waitt

Account Mgr - South Western Region
Fuji NDT Systems - Huntington Beach CA

FUJIFILM North America Corporation

Industrial Products Division
200 Summit Lake Drive
Valhalla, NY 10595

www.fujifilmusa.com

Cell 714-330-1952
Phone 714-963-3065
Fax 714-963-3065
Email dave.waitt@fujifilm.com

Western Instruments

Established 1985



PORTABLE
MPI EQUIPMENT



Phone: 780-459-6920
info@westerninstruments.com
www.westerninstruments.com

BASF

We create chemistry

Chemetall

expect more+

Chemetall US, Inc.
46716 Lakeview Blvd.
Fremont, CA 94538

Tel: 714-318-2273
patrick.gagne@BASF.com
www.chemetallNA.com

Patrick Gagne
Technical Sales Manager

FLAWTECH



Global Provider
of Custom & Code Specific
Flawed Specimens for Training,
Qualification, and Procedure
Development

www.FlawTech.com (704) 795 4401 Concord, NC USA



2018 - 2019 NDT Educational Opportunities

We have posted a list of potential training courses for the 2018-2019 year (August through June).

Please contact **Education Chair - Gary Bass** with your requests, which he will attempt to accommodate if we obtain sufficient volunteer instructors for **Saturday** lectures. Please note instructors are not paid; however, they get recertification points if they hold ASNT/ACCP Level III.

Contact: Gary Bass Email - gbchulavista@AOL.com

Phone - 619-794-6118

Ramon Thomson Email ramonjthomson@gmail.com

Phone 619-822-8185

BOD - sd-asnt@cox.net BOD contact # 619-444-2319

To promote the general advancement of the [NDT] industry;

- ♦ To educate the public in the area of nondestructive testing;
- ♦ To provide a forum for exchange of [NDT] technical information;
- ♦ To facilitate training, education and research in the [NDT] field;
- ♦ To engage in any and all lawful activities incidental to the foregoing purposes except as restricted herein.

Level I & Level II courses satisfy the requirements of SNT-TC-1A/NAS-410. **Non-member fees** (which includes a one-year ASNT membership). **24, 32, and 40-hour courses:** held **Saturdays, 8:00 to 5:00** unless facility or instructor availability are different.

- ♦ Visual/Dimensional Level I / Level II (24hrs)
- ♦ VT (24hrs) Members: \$425 Non-member: \$500
- ♦ Liquid Penetrant Level I / II (32 hrs)
- ♦ PT - I / II (32 hrs) Members: \$750 Non-member: \$825
- ♦ Magnetic Particle Level I / II (32 hrs)
- ♦ MT - I / II (32 hrs) Members: \$750 Non-member: \$825
- ♦ Ultrasonic Level I (40 hrs)
- ♦ UT - I (40hrs) Members: \$600 Non-member: \$675
- ♦ Ultrasonic Level II (40 hrs)
- ♦ UT - II (40hrs) Members: \$600 Non-member: \$675
- ♦ Radiography Level I (40 hrs)
- ♦ RT - I (40hrs) Members: \$600 Non-member: \$675
- ♦ Radiography Level II (40 hrs)
- ♦ RT - II (40hrs) Members: \$600 Non-member: \$675

- Ultrasonic Testing Including AIRSCAN®
- Eddy Current Testing
- Systems Manufacturing
- Qualified Personnel
- Prime Quality Approvals



Visit us on the Web at www.qmi-inc.com



Quality Material Inspection, Inc.

5442 Oceanus Drive
Huntington Beach, CA 92649 USA
Phone: (714) 903-4500
Fax: (714) 903-4550

Email: sales@qmi-inc.com



Worldwide Training Provider

a Rockwood Company

Michael V. McGloin
Manager - Pacific

office: +1.714.956.2274
fax: +1.714.956.2277
email: mmcgloin@hellierndt.com
www.hellierndt.com

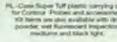
Hellier
2051-8 East Cerritos Avenue, Suite A
Anaheim, CA 92806
USA



PARKER
Magnetic Particle Inspection Instruments

Parker Research Corporation has been perfecting magnetic particle inspection equipment for 50 years. Our products are used worldwide for every conceivable magnetic inspection application, and our reputation is second to none.

Find out how our equipment and accessories can save you time and money. Give us a call today to get more detailed information on our products and for our distributors' locations anywhere in the world.



PL-Combo-Race Tuff plastic carrying case for Control Probe and accessories. All items are also available with the optional web mounted magnetic indicator and black light.



The Parker DA-1000 CR portable magnetic induction coil (MIDCO) for magnetic particle inspection. Constructed of military surplus train steel to maximize, and is indicated by a new alpha LCD display to control all accessories for all types of magnetic coils, joints and transport carts.



8210 - Shows with "H" for Series 82 beams are available with dry powder and wet fluorescent magnetic media. Includes black light and steel carrying case.



8200-MR Control Probe is a rugged high performance instrument for magnetic particle inspection. This coil provides a strong AC field and includes Parker's original flexible leg design that allows the field to be "focused" in a precise area of inspection.



DA800 - A.C./D.C. Control Probe available in various kit forms. May be ordered with the 1400 View Light at extra cost.

P.O. BOX 1406, DUNEDIN, FLORIDA 34607 USA
Phone: 727-796-4066 Fax: 727-797-3941 Email: sales@parkerndt.com

www.parkerndt.com
1-800-525-3935

Michael L. White



PENETRANT PROFESSOR APPROVED
NDT Inspection Materials

1639 Euclid Street, Santa Monica, CA 90404
Phone: (310) 450-1111 Fax: (310) 452-4046
Email: info@met-l-chek.com





Between the Cracks

Call for Awards Nominations to the Board

The Section is looking for your nomination(s) for individuals who may meet any of the following:

Lou DiValerio Technician of the Year Award

The *Lou DiValerio Technician of the Year Award* acknowledges those ASNT members who are deserving technicians, to encourage their continued participation in the Society. Nominees for the award must hold a position of employment that corresponds to general guidelines similar to those described by Recommended Practice No. SNT-TC-1A for defining the primary duties and responsibilities of Level I and Level II technicians.

Fellow of ASNT

A *Fellow of ASNT* is an individual member of the Society who has 15 years NDT professional experience; 10 years ASNT membership and has supported the Society through contributions and participation at the local and/or national level. A Fellow must have demonstrated outstanding professional distinction, and must have made continued significant contributions to the advancement of NDT in areas such as management, engineering, science, education, administration or planning.

Mentoring Award

The *Award for Outstanding Mentor* was established to recognize those people in the Society working to encourage others to reach goals they may have otherwise not sought, and to offer the rest of the membership an example of what they could be accomplishing by acting as mentors.

Award for the Advancement of Active Military and Veterans in NDT

The *Award for the Advancement of Active Military and Veterans in NDT* recognizes individuals or organizations who encourages Active Military and Veterans to enter and thrive in the field of NDT, either through creation and/or implementation of programs that provide educational or career advancement opportunities in NDT that may not otherwise be available to Active Military and Veterans or through leading by example of how Active Military and Veterans can not only have a career in NDT but also contribute greatly to NDT, ASNT, and to creating a safer world.

Award for the Advancement of Women in NDT

The *Award for the Advancement of Women in NDT* recognizes individuals or organizations who encourage women to enter and thrive in the field of NDT, either through creation and/or implementation of programs that provide educational and/or career advancement opportunities in NDT that may not otherwise be available to women or through leading by example of how women can not only have a career in NDT but also contribute greatly to NDT, ASNT, and to creating a safer world.

Contact the Awards Committee Chair: Larry Olsen or any San Diego Section BOD member for further information on how to nominate any individual. Nominations must be sent to ASNT Headquarters and **postmarked by 1 January 2019**

Please note: All nominees must be sponsored by an ASNT Section, ASNT Council or ASNT National Committee. ASNT's goal is to recognize the individual member who has taken the NDT/NDE career path and is dedicated to making the world a safer place. Please help to encourage our young ASNT members by nominating someone!

NDT TRANSDUCERS, LLC
ndt-transducers.com
(480) NDT-2400



**Ultrasonic Transducers for
Nondestructive Testing**

Serban Calciu, Owner



Products, Equipment, Service & Calibration
for Non-Destructive Testing

1718 E. Grevillea Court
Ontario, CA 91761

Dan Buchanan

Vice President

danbuchanan@mpmproducts.com

www.mpmproducts.com

Mobile (909) 821-2241

(800) 429-0128

(909) 947-8464

Fax (909) 947-3257



Test Equipment Distributors

One Complete NDT Source

Equipment • Accessories • Repair

Nationwide Coverage

New/Used Equipment, Repairs, Parts, Rentals, PM,
Calibrations, Installation/Removal, Silver Recovery

(800) 962-1788

www.tedndt.com

SHERWIN
INCORPORATED

Arnold G Marquez
Sales Manager

(562) 861-6324

(562) 923-8370 Fax

AGMarquezSI@aol.com

5530 Borwick Avenue

South Gate, CA 90280

sherwin@sherwininc.com

www.sherwininc.com



Meeting Report October 2nd, 2018

October 02, 2018 the San Diego Section hosted the 2nd Section Technical Meeting of the 2018 – 2019 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 19 members and guests in attendance.

The speaker for this event was Mr. Peter Cawley, CEO of Kimtron, Inc. The title of his presentation was "Total Cost of Ownership (TCO) of NDT x-ray equipment".

Kimtron Inc. designs and manufactures all components of x-ray systems (e.g. power supplies, coolers, shielded cells), except the x-ray tubes. In addition to systems for NDT applications, they provide systems for medical and research applications.

He emphasized the importance of considering the total cost over the lifetime of the equipment, from purchase to retirement, consisting of the following major cost elements:

Initial cost; cost of downtime of the equipment; operating cost; cost impact on production, especially cost of downtime; costs of service support and replacement after obsolescence. He broke down each of these cost elements into sub costs. Kimtron's approach is to place emphasis on high quality, designed in ease-of-maintenance and repair, use of Programmable Control Logic (instead of software), and selecting all components to meet a higher rating than required by the specifications. All components are sourced in the U.S.

Kimtron Inc. has been successfully competing with its total-cost approach against suppliers who are more narrowly focused on lowest cost. Customers are increasingly considering total costs as opposed to initial acquisition cost.

The audience expressed its appreciation of the presentation and engaged the speaker with questions.

The Section thanked Mr. Cawley and presented him with a speaker gift and certificate of appreciation.



Peter Pelayo

Mgr. Quality Assurance
ASNT Level 3



PENETRANT PROFESSOR APPROVED
NDT Inspection Materials

1639 Euclid Street, Santa Monica, CA 90404
Phone: 310-450-1111 Fax: 310-452-4046
Email: info @met-l-chek.com



NDT Seals, Inc.

Zac Sebren
Director

PO Box 52878 Houston, TX 77052-2878 USA
tel 713.222.7584 cell 281.995.7916 fax 713.222.9404
zac@ndtseals.com



Monthly Raffle prizes were sponsored by Phil Fetto of BASF / Chemetall, David Waitt of Fuji Film and the San Diego section.

INDUSTRIAL X-RAY IMAGING SYSTEMS SALES, SERVICE AND DESIGN.



12516 LAKELAND RD
SANTA FE SPRINGS, CA 90670
DAN@WILLICK.COM
562-946-4242

DAN GUERRERO
PRESIDENT

RT, DIGITAL LEVEL III, NAS 410



Between the Cracks

Save the Date - December 4th, 2018



Don't Forget this is the Christmas Event— Spouses / Companion / Guest night: All spouses (significant others) will have dinner provided by the section. Each person in attendance should bring a wrapped white elephant gift (\$10.00 - \$15.00) Which will make the evening much more fun. Hope to see everyone there.



Test Equipment Distributors, LLC
Equipment Accessories & Supplies for Nondestructive Testing

CHERYL DUFUR/RAMIREZ
Sales Engineer

WESTERN LOCATION
1844 W. 11TH STREET
UNIT. E
UPLAND, CA 91786

CUSTOMER CARE CENTER
1959-D PARKER COURT
STONE MOUNTAIN, GEORGIA 30087
800-962-1788
FAX: 770-978-0115
CELL: 714-366-4744

www.tedndt.com

Email: cheryld@tedndt.com

Judge at Greater San Diego Science Fair

Please Save the date:

March 13th, 2019



**Judging at the
Greater San Diego
Science Fair**

Preview Projects

On Evening of

March 12th

Contact by February 1, 2019

Denise McKay

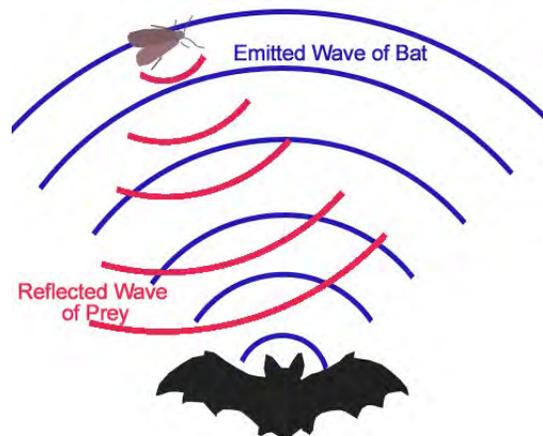
poppydancer@yahoo.com



NDTSeals.com



Happy Halloween!!!!
Have fun with the
bat experiment of Ultrasound.





HD-CR 35 NDT Computed Radiography System

THE BEST CR- RESOLUTION!

Intuitive handling

Easy transition from film

DICONDE · ISO · ASTM

Compliant to all relevant standards

Unique 30 µm SRb*

Certified Basic Spatial Resolution

Lightweight and rugged

Only 38.6 lbs system weight



No matter what type of radiographic testing, the unique TreFoc technology of the HD-CR 35 NDT imaging plate scanner always guarantees the highest image quality. And with the intuitive and powerful D-Tect software, you benefit from an optimal and time-saving workflow. Arrange a free demonstration and convince yourself.

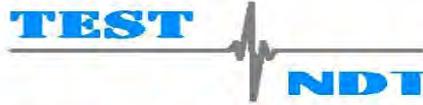


WILLICK
ENGINEERING
www.willick.com
562-946-4242

Digital Intelligence - Ready to Change.

www.duerr-ndt.com
info@willick.com





NDT Training, Scheduled courses for January – December 2018

Greatly Expanded Schedule of Classes for 2018

We will be Scheduling **WEEKEND TRAINING COURSE** please contact Cathy for dates

NDT Level I and II Courses

Magnetic Particle Level I/II SNT-TC-1A

(24 hours) \$845
January 22-24, March 5-7,
April 9-11, April 30-May 2, July 16-18, August 6-8,
September 10-12, December 3-5

Penetrant Level I/II SNT-TC-1A

(16 hours) \$695
January 25-26, March 8-9,
April 12-13, May 3-4, July 19-20, August 9-10,
September 13-14, December 6-7

Ultrasonic Testing Level I

(40 hours) \$1295
January 8-12, March 12-16,
April 16-20, May 7-11, July 23-27,, August 13-17,
September 17-21, December 10-14

Ultrasonic Testing Level II

(40 hours) \$1295
January 15-19, March 19-23, April 23-27,
May 14-18, July 30-August 3, August 20-24,
September 24-28, December 17-21,

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)
January 29-February 2, June 4-8, October 1-5

Radiography Testing Level I

(40 hours) \$1295
February 5-9, June 11-15, October 9-12

Radiography Testing Level II

(40 hours) \$1295
February 12-16, June 18-22, October 15-19

Film Interpretation (40 hours) \$1295

TBA

Eddy Current Testing Level I (40 hours) \$1295

March 26-30, October 22-26

Eddy Current Testing Level II (40 hours) \$1295

April 2-6, October 29-November 2

Visual Testing Level II (24 hours) \$845

January 3-5

Phased Array Training

These are Level I and II UT PA courses to meet the SNT-TC-1A (2011) certification requirements

Introduction to Phased Array, (16 hours) \$1195

February 19-20, November 5-6

Ultrasonic Phased Array Level I (SNT-TC-1A) (40 hours)

\$1995
February 19-23, November 5-9

Ultrasonic Phased Array Level II (SNT-TC-1A) (40 hours)

\$1995
February 26-March 2, November 12-16

Ultrasonic Phased Array Composite Inspection

New for 2018 (40 hours) \$1995
September 4-7

Back for 2018, Scheduled, ASNT NDT Level III Examination, Refresher Courses

Basic Level III – Includes text book package worth over \$300 (40 hours) \$1395	May 21-25
Eddy Current Level III (24 hours) \$995	August 27-31
Visual Testing Level III (16 hours) \$795	November 27-28
Magnetic Particle Level III (16 hours) \$795	September 4-5
Penetrant Level III (16 hours) \$795	September 6-7
Radiography Level III (24 hours) \$995	July 9-11
Ultrasonic Level III (40 hours) \$1395	June 25-29

Additional “Ad Hoc” NDT Training Courses

Please call for dates for the below courses

Magnetic Particle Level II NAS 410 (32 hours) \$1195

Penetrant Testing Level II NAS 410 (32 hours) \$1195

Ultrasonic Thickness Testing (40 hours) \$1295

Digital Radiography Testing (40 hours) \$1995

Eddy Current Array Aerospace (40 Hours) \$1995

Back for 2018

CWI Examination Preparation Course (40 hours) \$1595

Note: This will be scheduled over 4 (10 Hour) Saturdays.

Qualification Examinations prepared, and administered, procedures written, level III outside agency services and contracts available.

Any of our courses can also be held at your facility just for your staff. Call for details

OUR POLICY IS NOT TO CANCEL COURSES IF YOU ENROLL & PAY 2 WEEKS IN ADVANCE

For questions or to enroll contact us at www.testndt.com, email ndttrain@aol.com, Ph (714) 255-1500