



ASNT
SAN DIEGO
SECTION

Between the Cracks

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

NEWSLETTER - Vol. 9, Issue 6 February 2020

Board of Directors:

Chairman:

Michael Diaz

mike.diaz05@gmail.com

Vice Chairman:

William Harris

wilwelder41@aol.com

Treasurer:

William Harris

wilwelder41@aol.com

Secretary:

Erik Roed

ecroed@gmail.com

Past Chairman:

Ramon Thomson

ramonithomson@gmail.com

Directors-at-Large:

Gary Bass

gbass@chromalloy.com

Cody Engstrand

Cody.Engstrand@ga-asi.com

Rachel Gilmore

fosterrp@aol.com

Denise McKay

poppydancer@yahoo.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

Save the Date:
April 7th:
Speaker is Mr.
Mark Bell.

Mr. Michael Mc Gloin will be the Speaker for

March 3rd, 2020

Our Speaker will be **Mr. Michael Mc Gloin** started in NDT at the age of 17 immediately after graduating from high school and has worked in various areas of the industry; ranging from fieldwork in refineries and power plants to The Boeing Company in Huntington Beach, California working on projects such as the International Space Station and the Space Shuttle.

At the age of 23 Michael had acquired **Corporate Level III's** in PT and RT for **Prime Wheel Corporation**, and prior to his 10th anniversary in the industry, achieved his first **ASNT Level III's** in PT, RT, and MT. At this point, Michael holds **7 ASNT Level III's** in: **PT, RT, MT, VT, UT, ET, and LT**. Acquiring this and **ACCP Level III's** in **PT, RT, and MT**, as well as a **CWI** from **AWS** has been achieved of his own accord.

Michael is the **President of ASNT**, is **Regional Director of Region 15**, has served through the chairs on the Board of Directors for the Greater Los Angeles Section of ASNT, is an ASNT Fellow, an ASNT Mentoring Award recipient, the 2015 George L. Pherigo Tutorial Citation award winner, ASNT Life Member, is the **Manager of the Hellier training facility in Anaheim, California**, and has his own consulting business; NDT Enterprises.

Topic Title: is on **"Value of Mentoring"**.

Year End Cash Raffle \$250.00

will be drawn at the **May 5th, 2020 Meeting**. When you purchase a dinner you will receive a **RED** raffle ticket. The more meetings you attend the more possible **RED** raffle tickets you will have to be entered into the drawing.

You must be present at the
MAY 5th, 2020 MEETING to win.

Meeting Details

Tuesday, March 3rd, 2020

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**.

www.bw7seas.com

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

March 3rd meeting are:

Grilled Salmon w/ rice pilaf and vegetables or **Tri Tip** w/red potatoes and vegetables should you have special dietary need **Vegan** or **Vegetarian Plate** is available on request prior to meeting date.

Please RSVP by the end of business February 28th, 2020, the Friday preceding the meeting with your intent to attend and meal choice.

On the email below:

sd-asnt@cox.net

Meeting Attendance at presentation only is no cost

Meeting Dinner Cost:

San Diego Section

ASNT Student Member,

Military, Lifetime and Retired Members: **\$10.00**

ASNT Members and Guests: **\$26.00**

Credit Cards accepted with a Processing Fee.



Between the Cracks

February Meeting Report

On **February 04, 2020** the **San Diego Section** hosted the 5h Section Technical Meeting of the 2019 – 2020 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 18 members and guests in attendance. This meeting was our annual Past Chair night. There were 4 Past Chair's in attendance. Recognized right to left; Mr. David Suydam, Mr. Rick Rewier, Mr. Larry Olsen and Mr. Hans Weber.



The Speaker for the evening was Mr. David Mitchell, The Title of his talk was; "Advances in Ultrasonic Testing using linear arrays". The talk provided for discussion on advancements being made in the field of UT, using linear arrays to increase inspection speeds and reliability. The discussion centered on the ability of PAUT systems to renormalize the UT beam to the entry surface without the use of mechanical means at normal scan speeds.



The presentation was very interesting and well received by the audience, generating a great deal of follow-on discussions. The Section thanked David Mitchell for his talk and presented him with a Certificate of Appreciation and Speaker Gift. The evening concluded with the customary raffles and recognition of visiting vendors; David Waitt - Fuji Film, Patrick Brown - MPM Products, Clark Strong - Baker Hughes and Randy Jones - Baker Hughes.

Happy St. Patrick's Day



INSPECTION TECHNOLOGIES



INCORPORATED

"Instruments for nondestructive testing and quality control"

Jay Schraan

ASNT LEVEL III 17936

Jay@inspectiontechnologies.net

2701-A N. Towne Ave., Pomona, CA 91767

(909) 626-2600 x123

Cell (909) 964-3805

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



PROUDLY REPRESENTING
Krautkramer
HOCKING

MAGNAFLUX



Richard Ridenour

Regional Sales Manager

rridenour@magnaflux.com

630-432-5644

www.magnaflux.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

BAKER HUGHES
a GE company



Randy Jones

Western Regional Manager UT/ET
Engineer / ASNT Level III # 111746

Inspection Technologies
Measurements and Controls

M: 760 549-9023

Randy.Jones@bhge.com

www.geinspectiontechnologies.com

Kernille, CA
USA



2019-2020 Technical / Administrative Program

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

2019:

September 3rd: Albert Liang, "3D Ultrasonic Imaging of Structures Using SAFT and Wave Compounding with Application to Rail".

October 1st: Randy Jones, "Corrosion Is Where You Find It".

November 5th: Flynn Spears, "Theory and Application of Laser Shearography NDT (Aerospace, Marine, Wind)"

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

December 3rd: Sgt. Greg Hampton -San Diego Sheriff's Office-Sheriff's Bomb/Arson Unit-"Rising to the Challenge: Investigations Involving Bomb/Arson Threats in San Diego County". 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)

2020:

January 7th: (Dark-No Meeting)

February 4th: "Past Chairman's Night", David Mitchell, "Advances in UT using linear arrays"

March 3rd: Michael Mc Gloin "Value of Mentoring"

March 23rd - 26th ASNT 29th Research Symposium 2020. Williamsburg Lodge, Williamsburg, VA

April 7th: Mark Bell "What is Important in Metalurgical Failure Analysis, including NDT"

May 5th: "Annual Science Fair Awards" (NDT-related projects). Year End Cash Raffle- must be in Attendance

June (TBA) : Michael Diaz, Change of Gavel

9 - 12 November 2020 - ASNT Annual Conference 2020 Disney's Coronado Springs, Lake Buena Vista, FL.

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



Test Equipment Distributors, LLC

Equipment, Accessories, and Repair for Nondestructive Testing
www.tedndt.com

Jim Lyttle
Western Sales Manager

CORPORATE/SERVICE
P: (800) 521-1730
C: (602) 708-3960
jim@tedndt.com

CUSTOMER CARE CENTER
P: (800) 962-1788 | F: (770) 978-0115



We create chemistry

Chemetall US, Inc.
675 Central Avenue
New Providence, NJ 07974

Cell: 949-230-4611
jason.lafavre@BASF.com
www.chemetallINA.com



Jason LaFavre
Technical Sales Manager
Aerospace Division
Southern California



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



2019 - 2020 NDT Educational Opportunities

We have posted a list of potential training courses for the 2019-2020 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: Education Chairman Gary Bass

Email - gbchulavista@AOL.com

Phone - 619-794-6118 mobile

Chairman Michael Diaz

Email - mike.diaz05@gmail.com

Phone 619-890-4134 mobile

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

Credit Cards accepted with a Processing Fee.

- 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

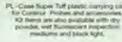
office: +1.714.956.2274
fax: +1.714.956.2277
email: mmcgloin@hellierndt.com
www.hellierndt.com

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



PARKER
Magnetic Particle Inspection Instruments

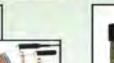
Parker Research Corporation has been perfecting magnetic particle inspection equipment for 50 years. Our products are used worldwide for every conceivable magnetic inspection application, and our reputation is second to none. Find out how our equipment and accessories can save you time and money. Give us a call today to get more detailed information on our products and for our distributors' locations anywhere in the world.



CA-1000 - A.C./D.C. Contour Probe Model 42 is available for A.C. only operation.



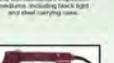
8200-MR Contour Probe is a rugged high performance instrument for magnetic particle inspection. This unit provides a strong AC field and includes Parker's original handle design that allows the field to be "focused" in a precise area of inspection.



The 8200-MR contains electronic circuitry that is sealed within the housing of the instrument. There is no electrical contact between the surface and internal circuit. This unit is rugged, portable, offers exceptional converter safety plus durability and is ideally suited for high resolution non-destructive applications.



8200 - Review with "M" Model 42 items are available with the portable and field removable inspection modules including back light and other carrying case.



8200 - A.C./D.C. Contour Probe Model 42 is available for A.C. only operation. May be ordered with the 8200 View Light at extra cost.

P.O. BOX 1406, DUNEDIN, FLORIDA 34607 USA
Phone: 727-706-4066 Fax: 727-707-3941 Email: sales@parkerndt.com

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

Michael L. White Retired
Have Fun



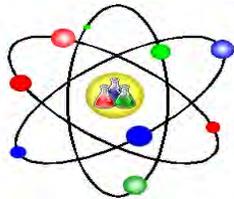
PENETRANT PROFESSOR APPROVED
NDT Inspection Materials

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





San Diego Science and Engineering Fair



Please Save the date:

March 11th, 2020

Volunteers are needed, remember this is how we get the May Speakers, we need other input from our members for the important job of

Judging from 12:15—4:00 PM at the

Greater San Diego Science & Engineering Fair

Preview Projects On Evening of

March 10th

5:00 to 7:00 PM

Contact by **March 3, 2020**

Denise McKay

poppydancer@yahoo.com

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

NDT
Transducers

**Ultrasonic Transducers for
Nondestructive Testing**

Serban Calciu, Owner

MPM

**DISTRIBUTOR OF
NDT PRODUCTS & EQUIPMENT**

A leader in

X-RAY, CR & DR SYSTEMS

MAG/PEN, UT & RT SUPPLIES

SERVICE, CALIBRATION & TRAINING

8 Distribution Centers

- Ontario, CA
- Lake Forest, CA
- Arlington, TX
- La Porte, TX
- Minnesota
- Georgia
- Ohio
- Oregon

Sales inquiries
sales@mpmproducts.com

800.429.0128
www.mpmproducts.com



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

Local Company Hiring:

Company: Chromalloy San Diego

Address: 7007 Consolidated Way, San Diego, Ca 92121

Ph #: 858-877-2800

E-Mail: mdingle@chromalloy.com

Position: Radiography Level II

Certification Requirements: NAS-410

Any other pertinent information / Skills:

Computed Radiography experience and Additional NDT Method will be a plus.

Apply online at www.chromalloy.com/careers

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



Call for Nominations to the Board of Directors

San Diego Section Board of Directors



The **San Diego Section** is calling for Members to serve as an **officers** and **directors-at-large** for the 2020-2021 year.

The chair of the nominating committee is Cody Engstrand.

Please contact the Committee Chairman listed below or if you have a desire to volunteer and serve the section in this way. Please come to our next Board meeting on Tuesday March 3rd after the Technical meeting which begins at 7:15 PM to volunteer to serve as a member of the Board if Directors of San Diego Section in this way.

The section is working on the slate of officers and directors-at-large for the 2020-2021 year.

Cody Engstrand: Cody.Engstrand@qa-asi.com

Hans Weber: hansweber@earthlink.net

Larry Olsen: sd-asnt@cox.net

San Diego's Meritorious Service Award

The San Diego Award was established 1998-1999 *Award for Outstanding Meritorious Service* was established to recognize those people in the San Diego Section who have bettered the Section over the Society by working to encourage others to reach goals they may have otherwise not sought, and to offer the rest of the San Diego membership an example of what they could be accomplishing by acting as Mentors within the Section. Note: Cannot be current Chairman of the San Diego Section.

Contact the Awards Committee Chair: Larry Olsen or any San Diego Section BOD member for further information on how to nominate any individual by **1 April 2020**.

Please note: All nominees must be nominated by a San Diego Section Member 500 hundred words or less. San Diego Section-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 fellow SD- ASNT members by nominating someone!

RENT NDT Test Equipment

Advanced Test Equipment Rentals is your source for:

- Sound Level Meters
- Vibration Analyzers
- Ionographs
- Laser Micrometers
- Roughness Testers
- Thickness Gauges
- Laser Shaft Alignment Tools
- Coordinate Measurement Machines
- Ultrasonic Flaw Detectors
- XRF Analyzers
- Borescopes
- High Speed Cameras
- Thermal Imagers

Find these and more at atecorp.com



888-358-ATEC (2832) • www.atecorp.com • rentals@atecorp.com

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

PH TOOL REFERENCE STANDARDS Calibration Blocks



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

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



WILLICK
ENGINEERING

DAN GUERRERO

12516 LAKELAND RD
SANTA FE SPRINGS, CA 90670

PRESIDENT

DAN@WILLICK.COM

562-946-4242

RT, DIGITAL LEVEL III, NAS 410



Between the Cracks

Mark Bell is the Speaker April 7th, 2020

Mark Bell, PE, is a graduate of **Cal Poly** in **Metallurgical Engineering**. He is owner of Bell Metallurgy, in San Diego, CA. He has metallurgical experience in factories and in construction regarding welding, corrosion wear, NDT and failure analysis. 1984 was the year he became a full time, independent consultant. He has taught AWS CWI Classes nationwide. He has been CWI with endorsements in D1.1, D1.5 and API 1104. Mark travels and teaches classes for ASM in Failure Analysis, Corrosion, Welding and Metallurgy for the Non-Met. He served on the Board of Directors for the AWS from 1992 to 2004. He has held Level III certifications in methods: MT, VT and PT in accordance with TC1A. He has used the Level III in VT for inspection and training classes in the Pharmaceutical Industry. His consulting business is in failure analysis, welding, and corrosion, located in San Diego. NDT is a key step in conducting a good Metallurgical Failure Analysis.

Topic of his talk: *“What is Important in Metallurgical Failure Analysis, including NDT”*

Abstract: This presentation will use case histories in conducting successful Metallurgical Failure Analysis and how the use of NDT has been an important step in the solution of problems in machinery, weldments, structures and pipelines. A lifetime of experience is the basis for the evening’s presentation of steps as being key to conducting a good metallurgical failure analysis such as:

- ◆ defining the problem,
- ◆ hands-on investigation,
- ◆ continuing to grow,
- ◆ the proper use of NDT skills,
- ◆ good communication and
- ◆ what was learned; both good decisions and mistakes.



Western Instruments

Established 1935



**PORTABLE
MPI EQUIPMENT**



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

FLAWTECH



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

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



Wes Lyons
Branch Manager

WLyons@pine-environmental.com
www.pine-environmental.com

8940 Activity Road, Ste. G | Office: 858-368-9197
San Diego, CA 92126 | Mobile: 858-287-0102

Environmental Monitoring, Health & Safety, NDT/RVI, CEMS
Rentals • Sales • Service • Repair

Check the Website:

WWW.SD-ASNT.ORG

for **Education Classes** that are **Scheduled** for after the first of the **New Year**.

Need **class size** of at least **5 students**.



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.

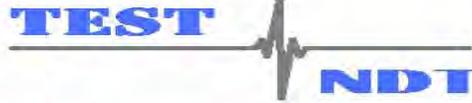


WILLICK
ENGINEERING
www.willick.com
562-946-4242

Digital Intelligence - Ready to Change.

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





NDT Training, Scheduled courses for January – December 2020

Greatly Expanded Schedule of Classes for 2020

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

Jan 6-8, Feb 24-26, April 13-15, June 1-3,
July 20-22, Sept 21-23, Oct 26-28, Nov 30-
December 2

Penetrant Level I/II SNT-TC-1A

(16 hours) \$695

Jan 9-10, Feb 27-28, April 16-17, June 4-5,
July 23-24, Sept 24-25, Oct 29-30, Dec 3-4

Ultrasonic Testing Level I

(40 hours) \$1295

Jan 13-17, March 2-6, April 20-24, June 8-12,
July 27-31, Sept 8-11, Nov 2-6, Dec 7-11

Ultrasonic Testing Level II

(40 hours) \$1295

Jan 20-24, March 9-13, April 27-May 1,
June 15-19, Aug 3-7, Sept 14-18, Nov 16-20,
Dec 14-18

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)

Jan 27-31, March 16-20, May 4-8, June 22-26,
August 10-14, Sept 28-Oct 2, Nov 30-Dec 4

Radiography Testing Level I

(40 hours) \$1295

Feb 3-7, March 23-27, May 11-15,
June 29-July 2, Aug 17-21, Oct 5-9, Dec 7-11

Radiography Testing Level II

(40 hours) \$1295

Feb 10-14, March 30-April 3, May 18-22,
July 6-10, Aug 24-28, Oct 12-16, Dec 14-18

Film Interpretation (40 hours) \$1295

May 26-29, Nov 9,10,12,13

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

Feb 10-14, August 24-28

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

February 17-21, August 31-September 4

Visual Testing Level II (24 hours) \$845

May 26-28, December 21-23

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

March 30-31, October 12-13

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

\$1995

March 30-April 3, October 12-16

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

\$1995

April 6-10, October 19-23

Ultrasonic Phased Array Composite Inspection

New for 2020 (40 hours) \$1995

May 18-22, July 13-17

**Back for 2020, Scheduled,
ASNT NDT Level III Examination,
Refresher Courses**

Basic Level III – Includes text book package July 6-10
worth over \$300 (40 hours) \$1395

Eddy Current Level III (24 hours) \$995 November 23-25

Visual Testing Level III (16 hours) \$795 November 9-10

Magnetic Particle Level III (16 hours) \$795 July 13-14

Penetrant Level III (16 hours) \$795 July 15-16

Radiography Level III (24 hours) \$995 December 21-23

Ultrasonic Level III (40 hours) \$1395 December 14-18

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 2020

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