



# Between the Cracks

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

SD-ASNT  
NEWSLETTER

Vol. 7, Issue 4  
November 2017

## Board of Directors:

### Chairman:

Denise McKay  
[poppydancer@yahoo.com](mailto:poppydancer@yahoo.com)

### Vice Chairman:

Ramon Thomson  
[ramonithomson@gmail.com](mailto:ramonithomson@gmail.com)

### Treasurer:

Aurapong (Jerry) McAnulty  
[mcanultyjai@yahoo.com](mailto:mcanultyjai@yahoo.com)

### Secretary:

Michael Diaz  
[mikediaz05@gmail.com](mailto:mikediaz05@gmail.com)

### Past Chairman:

Aurapong (Jerry) McAnulty  
[mcanultyjai@yahoo.com](mailto:mcanultyjai@yahoo.com)

### Directors-at-Large:

William Harris  
[wilwelder41@aol.com](mailto:wilwelder41@aol.com)  
John Morris  
[honor1man@yahoo.com](mailto:honor1man@yahoo.com)  
Juan Carlos Macpherson  
[macj03@hotmail.com](mailto:macj03@hotmail.com)  
Larry Olsen  
[sd-asnt@cox.net](mailto:sd-asnt@cox.net)  
Hans Weber  
[hansweber@earthlink.net](mailto:hansweber@earthlink.net)  
San Diego Section  
of the American Society for  
Non-Destructive Testing, Inc.  
[bod@sd-asnt.org](mailto:bod@sd-asnt.org)  
Website:  
[www.sd-asnt.org](http://www.sd-asnt.org)

## Ms Mary Jo Davis is Speaker for December 5th

Ms. Mary Jo Davis will be our speaker for the December 05, 2017 technical meeting. This will be our 4th technical meeting of the 2017– 2018 year.



Ms. Davis is a second generation San Diegan. Ms Davis and her daughter (Denise McKay) are both members of “Grand Ladies of the Old West”. The group was formed in March of 2003 and is made up of 14 ladies. The “Grand Ladies of the Old West” founder is Ms Mary Jo Davis. She and the other ladies use names of ladies from the Old West. Let me introduce “Sonora Red” to you she is with her horse “Max”. Ms Davis and her daughter ride in parades, perform in the community and educate children about the old west. The group has numerous awards for their participation at many of the events the “Grand Ladies of the Old West” participate in.

Title of the her talk is: “The Old West: San Diego History”.

- ◆ 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.

## Meeting Details

Tuesday, December 5<sup>th</sup>, 2017

**BOD Meeting 5:00-5:30PM**

**Social time 5:30-6:15 PM**

**Dinner 6:30-7:30 PM**

**Presentation begins 7:30PM** in the “Lord Jim Room” of the Best Western Seven Seas’ Restaurant. 411 Hotel Circle S, San Diego, 92108

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

The meal choices for the December 5<sup>th</sup> meeting are: **Baked Ham** or **Grilled Salmon** should you have special dietary need **Vegan** or **Vegetarian Plate** is available on request prior to meeting date. Please contact **Larry Olsen** at 619-444-2319 or at the e-mail below:

[sd-asnt@cox.net](mailto:sd-asnt@cox.net)

Please RSVP by the end of business December 1st, 2017, the Friday preceding the meeting with your intent to attend and meal choice.

[www.bw7seas.com](http://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

Reminder  
we are  
**Dark**  
in  
January 2<sup>nd</sup>





# Between the Cracks

## Mr. Michael McGloin is Speaker for February 6th



Mr. Michael McGloin will be our speaker for the February 06, 2018 technical meeting. This will be our 5th technical meeting of the 2017– 2018 year.

Mr. McGloin started in NDT at the age of 17 immediately after 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, McGloin had acquired Corporate Level III's in PT and RT for Prime Wheel Corporation. Prior to his 10<sup>th</sup> anniversary in the industry, he achieved his first ASNT Level III's in PT, RT, and MT. At this point, 25 years after starting in NDT, McGloin holds seven ASNT Level III's in PT, RT, MT, VT, UT, ET, and LT. He also holds ACCP Professional Level III's in PT, RT, and MT, as well as, a Certified Welding Inspector from American Welding Society has been achieved of his own accord.

Mc Gloin is a Director at Large nominee for the ASNT Board of Directors. He is the new Regional Director of Region 15. He served through the chairs on the Board of Directors for the Greater Los Angeles Section of ASNT, and is on several national committees for ASNT. McGloin received an ASNT Fellow in 2010, is an ASNT Mentoring Award recipient, and was the 2015 George L. Pherigo Tutorial Citation award winner.

McGloin also Manages the Hellier training facility in Anaheim, California, and has his own consulting business; NDT Enterprises.

Title of the his talk is: **"Home Inspections"**.

It is also Past Chairman's Night.

### INSPECTION TECHNOLOGIES



INCORPORATED

"Instruments for nondestructive testing and quality control"

- 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

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



PROUDLY REPRESENTING

**Krautkramer**

HOCKING

MAGNAFLUX



5575 Magnatron Blvd. Ste. D | San Diego, CA 92111

Office: 619.326.4405

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

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



WILLICK ENGINEERING

DAN GUERRERO

PRESIDENT

12516 LAKELAND RD

SANTA FE SPRINGS, CA 90670

DAN@WILLICK.COM

562-946-4242

RT , DIGITAL LEVEL III, NAS 410



**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



# Between the Cracks

## 2017-2018 Technical / Administrative Program

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

#### 2017:

**September 5<sup>th</sup>:** Doug Davies, Element Materials Technology, Rancho Dominguez, *“When We Get it Wrong Why NDT Matters”*.

**October 3<sup>rd</sup>:** Matt Roberts, Virtual Media Inter-geration, LTD, *“A Close-up Look at Computed Radiography: Past, Present and Future”*

**October 30<sup>th</sup>— November 2<sup>nd</sup>:** ASNT Annual Conference 2017 at Gaylord Opryland Resort & Convention / Nashville, Tennessee. Awards to be given to four of the Members.

**November 7<sup>th</sup>:** Mark Bell, Bell Metallurgy, *“Role of NDT in Metallurgical Failure Analysis”*

**December 5<sup>th</sup>:** Ms Mary Jo Davis Christmas Event– Spouses / 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)

#### 2018:

**January 2<sup>nd</sup>:** (Dark—No Meeting)

**February 6<sup>th</sup>:** “Past Chairman’s Night”, Michael McGloin, *“Home Inspection”*

**March 6<sup>th</sup>:** Vendor’s Night

**March 26<sup>th</sup> - 29<sup>th</sup>** ASNT 27<sup>th</sup> Research Symposium 2017. Double Tree at Universal / Orlando, Florida

**April 3<sup>th</sup>:** Marybeth Miceli

**May 1<sup>st</sup>:** “Annual Science Fair Awards” (NDT-related projects).

**June (TBA) :** Denise McKay, Change of Gavel

**Year End Raffle \$250.00** will be drawn at the **May Meeting.**

When you purchase a dinner you will receive a raffle ticket. The more meetings you attend the more possible tickets will get entered into the drawing.

**You must be present at the MAY MEETING to win.**

## Western Instruments

Established 1965



**PORTABLE MPI EQUIPMENT**



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

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



Visit us on the Web at  
[www.qmi-inc.com](http://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](mailto:sales@qmi-inc.com)

## Chemetall

expect more<sup>+</sup>

now part of BASF Group

**Phil Fetto**  
Technical Sales Manager  
Southwest Region

Chemetall US, Inc.  
Toll Free: 877-941-3800  
phil.fetto@chemetall.com · www.chemetallUS.com  
Cell: 949-226-0377

## PH TOOL

Reference Standards  
Calibration Blocks



267-203-1600 / [www.phtool.com](http://www.phtool.com) 6021 Easton Road / Pipersville, PA 18947



# Between the Cracks

## 2017 - 2018 NDT Educational Opportunities

We have posted a list of potential training courses for the 2017-2018 year (August through June).

Please contact **Education Chair - Larry Olsen** 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: **Larry Olsen** Email — [sd-asnt@cox.net](mailto:sd-asnt@cox.net)

Home 619-444-2319 Cell 619-228-5449

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



Worldwide Training Provider

a Rockwood Company

**Michael V. McGloin**  
Manager - Pacific

office: +1.714.956.2274  
fax: +1.714.956.2277  
email: [mmcgloin@helliendtd.com](mailto:mmcgloin@helliendtd.com)  
[www.helliendtd.com](http://www.helliendtd.com)

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



**David Waitt**  
Account Manager  
NDT Systems Group

**FUJIFILM North America Corporation**  
Industrial and Corporate New Business Development Division  
200 Summit Lake Drive Phone 914.789.8869  
Valhalla, NY 10595.1356 Cell 714.330.1952  
Email [dave.waitt@fujifilm.com](mailto:dave.waitt@fujifilm.com)  
[www.fujifilmusa.com](http://www.fujifilmusa.com)

**FLAWTECH**

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

[www.FlawTech.com](http://www.FlawTech.com) (704) 795 4401 Concord, NC USA

**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](mailto:info@met-l-chek.com)



## San Diego Section Meeting Report for November 7, 2017

November 07, 2017 the San Diego Section hosted the 3<sup>rd</sup> Section Technical Meeting of the 2017 – 2018 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 26 members and guests in attendance.



The speaker for the evening was Mr. Mark Bell. The title of his talk was **“Role of NDT in Metallurgical Failure Analysis”**. This talk covered the relationship of NDT in Metallurgical Failure Analysis and its importance. Discussed was the use of NDT in the solution of problems in

machinery, weldments, structures and pipelines. The advances in NDT have made better manufacturing processes for metals, perhaps even more than advances in metallurgy.

Students from the recently completed Radiographic Testing Level I and Penetrant Level I /II courses were recognized.

To close the evening San Diego Chair, Denise McKay presented Mr. Bell with a certificate of appreciation and a speaker’s clock from the San Diego section.

The evening concluded with the regular raffles and a 50/50 cash raffle. Raffle prizes were sponsored by the Section, and Phil Fetto from Chemetall. All in attendance had a good time.



### PARKER

Magnetic Particle Inspection Instruments

 <small>PI Case Super Tuff plastic carrying case for Contour Probe and accessories. KI items are also available with dry powder, wet fluorescent inspection mediums, and black light.</small>	 <small>DA600 - A.C./D.C. Contour Probe. Available in various kit forms. May be ordered with the Y500 Yoke Light at extra cost.</small>	 <small>B110 - Shown with "A" kit items. KI items are available with dry powder and wet fluorescent inspection mediums, including black light and steel carrying case.</small>	 <small>BAC110 - Portable, stand alone battery powered 110VAC power supply. Operate A.C. Yokes, when normal power sources are unavailable. Contour Probe sold separately.</small>
 <small>DA200 - A.C./D.C. Contour Probe. Model A210 available for A.C. only operation.</small>	 <small>B100 - A.C. Contour Probe. Our most economical. May be ordered with the Y400 Yoke Light at extra cost.</small>	 <small>B200 - A.C. Contour Probe. May be ordered with the Y500 Yoke Light at extra cost.</small>	 <small>PL8 &amp; PL10 - Magnetizing Yokes. 8" &amp; 10" I.D. Complete with Carrying Case.</small>
 <small>DA750 &amp; DA1500 - Portable Mag units. Heavy duty 750 or 1500 AMP. Available with all accessories.</small>		 <small>DA750 &amp; DA1500 - Portable Mag units. Heavy duty 750 or 1500 AMP. Available with all accessories.</small>	

P.O. BOX 1406, DUNEDIN, FLORIDA 34697 USA      www.parkerndt.com  
 Phone: 727-798-4006    Fax: 727-797-3941    Email: sales@parkerndt.com      1-800-525-3935



## MPM

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

1718 E. Grevillea Court  
Ontario, CA 91761

**Dan Buchanan**      Mobile (909) 821-2241  
*Vice President*      (800) 429-0128  
 danbuchanan@mpmproducts.com      (909) 947-8464  
 www.mpmproducts.com      Fax (909) 947-3257



## SHERWIN INCORPORATED

**Arnold G Marquez**  
Sales Manager

(562) 861-6324      5530 Borwick Avenue  
 (562) 923-8370 Fax      South Gate, CA 90280  
 AGMarquezSI@aol.com      sherwin@sherwininc.com  
    www.sherwininc.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



**RICHARD RIDENOUR**  
National Sales Manager  
ridenour@magnaflux.com

155 Harlem Avenue, Glenview, IL 60025  
 224.661.8665 P 630.432.5644 M



**MAGNAFLUX**

WWW.MAGNAFLUX.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 2018**

**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!

NDTSeals.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

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

**NDT Transducers**

**Ultrasonic Transducers for Nondestructive Testing**

Serban Calciu, Owner

**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



*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**

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

#### **Additional "Ad Hoc" NDT Training Courses**

*Please call for dates for the below courses*

<b>Magnetic Particle Level II NAS 410</b> (32 hours) \$1195
<b>Penetrant Testing Level II NAS 410</b> (32 hours) \$1195
<b>Ultrasonic Thickness Testing</b> (40 hours) \$1295
<b>Digital Radiography Testing</b> (40 hours) \$1995
<b>Eddy Current Array Aerospace</b> (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](http://www.testndt.com), email [ndttrain@aol.com](mailto:ndttrain@aol.com), Ph (714) 255-1500