



ASNT
SAN DIEGO
SECTION

Between the Cracks

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

NEWSLETTER - Vol. 10, Issue 3 October 2020

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hansweber@earthlink.net

San Diego Section

of the American Society for

Non-Destructive Testing, Inc.

sdasnt@gmail.com

Website:

www.sd-asnt.org

Mr. Michael V. McGloin will be the Speaker for November 3rd 2020

Our Speaker will be **Mr. Michael V. McGloin**. Michael 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 has served as the Secretary / Treasurer 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.

Michael is the 2019 – 2020 ASNT President and 2020 – 2021 ASNT Chairperson of the Board Elect.

Topic Title: "Self Employment"

• Abstract:

Have you ever thought of going into business for yourself so that you can look forward to the freedom and independence of self-employment? When one gets this thought, they generally put together a list of pros and cons. What they do not add to the list is all of the unknowns and unexpected items that come up. This talk will go over some of those unknown and unexpected items which should help people to better prepare for entrepreneurship.

Meeting Details

Tuesday, November 3rd, 2020

Meeting will be virtual using Webex.

Please check the San Diego Section of the American Society for Non-Destructive Testing, Inc. website for a link to register

www.sd-asnt.org

Presentation begins 6:30PM

And keep a lookout in your inbox for a Webex invitation from sender "ASNT San Diego Section" for a link to register

Save the Date:

December 1st:

Speaker is

U.S. Navy Captain Tim Verhoef (Retired)

Year End Cash Raffle \$250.00

will be drawn at the **May 4th, 2021 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 4th, 2021 MEETING to win.**



October Meeting Report

06 October, 2020 the San Diego Section hosted the 2nd Section Technical Meeting of the 2020-2021 year. It was the Sections second virtual meeting with Webex and it went off without a hitch.

The speaker for the evening was Mr. Mark Bell, a metallurgical engineer with is own consulting business presenting a talk on **“What is Important in Metallurgical Failure Analysis, including NDT”**. The session presented numerous examples of failed parts including weld, corrosion, cavitation, fatigue, and overload failures across multiple metals. An important takeaway was to “keep an open mind” and look at all of the information available during the investigation. The presentation was well received and concluded with a Q/A session and discussion of fracture surfaces from images sent in by meeting attendees.

The Section thanked **Mr. Bell** for his talk.

2020-2021 ASNT Events

9 - 12 November 2020 - ASNT Annual Conference 2020–
Virtual Conference

3 - 5 February 2021 - International Chemical and Petro-
leum Industry Inspection Technology Conference Sugar
Land Marriott Town Square, Sugar Land, TX

26 - 29 April 2021 - ASNT Research Symposium 2021
Westin Westminster, Westminster, CO

22 - 24 June 2021 - NDT of Composites 2021 Hyatt
Regency Lake Washington, Renton, WA

5 - 9 July 2021 - 7th US-Japan NDT Symposium Wai-
koloa Beach Marriott Resort & Spa, Waikoloa, HI

27 - 29 July 2021 - Digital Imaging for NDT 2021 Sil-
ver Legacy Resort Casino, Reno, NV

17 - 19 August 2021 - 16th International Symposium on
Nondestructive Characterization of Materials

Royal Sonesta Harbor Court Baltimore, Baltimore, MD

15 - 18 November 2021 - ASNT Annual Conference 2021
- Renaissance Phoenix Downtown, Phoenix, AZ

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2020-2021 Technical / Administrative Program

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

2020:

September 1st: Gabriel Cyr, "Naval applications of Pulsed Eddy Current (PEC) "

October 6th: Mark Bell, "What is Important in Metallurgical Failure Analysis, including NDT"

November 3rd: Michael McGloin , "Self Employment"

November 9th—12th 2020 ASNT Annual Conference 2020– Virtual Conference

December 1st: U.S. Navy Captain Tim Verhoef (Retired), "USS Midway Aircraft Carrier Museum PowerPoint Tour".

2021:

January 5th: (Dark-No Meeting)

February 2nd: "Past Chairman's Night", Speaker Randy Jones, "Better Understanding of NDI, NDE, NDT"

March 2nd: "2020 Annual Science Fair Awards" (NDT-related projects).

April 6th: Jim Hofer, Topic TDB

May 4th: "2021 Annual Science Fair Awards" (NDT-related projects). Year End Cash Raffle– must be in Attendance

Local Company Hiring:

If you are looking for a new hire and would like to post your opening in this newsletter please let us know,

email - sdasnt@gmail.com

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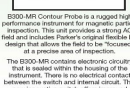
PL-Cable Reel™ Full plastic carrying case for Contour™ Probes and accessories. All items are also available with dry powder, wet fluorescent inspection medium and track light.



DA1000 - A.C./D.C. Contour Probe Model A210 available for A.C. only operation.



The Parker DA1500-DH portable magnetic inspection unit provides high output AC or HREDC for magnetic particle inspection. Current output is instantly variable from zero to maximum. It is equipped with a new digital LCD display. A variety of accessories are also available including cables, pins and transport carts.



E300 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 flexible leg design that allows the field to be "focused" at a precise area of inspection.



DA1000 - A.C./D.C. Contour Probe Available in various kit forms. May be ordered with the V100 Voice Light at extra cost.



DA1000 - A.C./D.C. Contour Probe Available in various kit forms. May be ordered with the V100 Voice Light at extra cost.

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2020 - 2021 NDT Educational Opportunities

Call for Awards Nominations to the Board

We have posted a list of potential training courses for the 2020-2021 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

BOD - sdasnt@gmail.com

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:** \$650 **Non-member:** \$725
- ◆ **Ultrasonic Level II** (40 hrs)
- ◆ **UT - II** (40hrs) **Members:** \$650 **Non-member:** \$725
- ◆ **Radiography Level I** (40 hrs)
- ◆ **RT - I** (40hrs) **Members:** \$650 **Non-member:** \$725
- ◆ **Radiography Level II** (40 hrs)
- ◆ **RT - II** (40hrs) **Members:** \$650 **Non-member:** \$725

Credit Cards accepted with a Processing Fee.

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 February 2021**

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!



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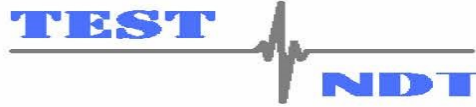


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NDT Training, Scheduled courses for January – December 2020

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



Nondestructive Testing Training Course Penetrant Testing Level 1 & 2

Course curriculum will meet ASNT: SNT-TC-1A, ASNT CP-189 and NAS 410 requirements for classroom training.
Level 1/2 - 32 hrs.

Class Location:

Chromalloy
7007 Consolidated Way
San Diego, CA. 92121

Course Fees:

Level 1 & 2: \$850.00 ASNT Member/ \$925.00 Non-memb
(32 hrs.)
If paying with Credit Card: \$880 ASNT Member/\$958 Non
Member

Instructor: Gary Bass

Note: This class has been scheduled,
If interested in taking this class, see below for contacts.
Registration Deadline is November 6, 2020.

All fees are due at 1st class or before. Unless other
arrangements have been made.

Note minimum class size is 5

**If this class is not filled by the registration deadline the
course will be rescheduled or cancelled.**

NOTE to all course attendees:

Non-Chromalloy students will be required to complete and
sign a release form.

Personal Protective Equipment is required when going
into the work area.

Safety Glasses and Steel Toe footwear.

LONG PANTS are required in the building at all times.

Contact Information / Class Registration:

Gary Bass (619) 248-3632 or (619) 794-6118
gbchulavista@aol.com or gbass@chromalloy.com

Class Dates:

Date: Saturdays 07:00AM – 3:30 PM
November 14
November 21
December 5
December 12

Basic Outline of Course to be presented;

- Level 1
- * Introduction to Penetrant Testing
 - * Liquid Penetrant Processing
 - * Penetrant Test Methods
 - * Liquid Penetrant Test Equipment
 - * Penetrant Indications

Level II

- * Inspection Procedures
- * Liquid Penetrant Process Controls
- * Test Procedures and Standards
- * Safety Health, and Disposal

A detailed course outline will be provided as part of the final documentation
package upon course completion.

Other Nondestructive Testing Courses are listed on www.sd-asnt.org