



ASNT
SAN DIEGO
SECTION

Between the Cracks

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

NEWSLETTER - Vol. 10, Issue 7 March 2021

Board of Directors:

Chairman:

Gary Bass

gbass@chromalloy.com

Vice Chairman:

Cody Engstrand

Cody.Engstrand@ga-asi.com

Treasurer:

Cody Engstrand

Cody.Engstrand@ga-asi.com

Secretary:

Rachel Gilmore

fosterrp@aol.com

Past Chairman:

Michael Diaz

mike.diaz05@gmail.com

Directors-at-Large:

William Harris

wilwelder41@aol.com

Ramon Thomson

ramonjthomson@gmail.com

Denise McKay

poppydancer@yahoo.com

Hans Weber

hansweber@earthlink.net

San Diego Section

of the American Society for

Non-Destructive Testing, Inc.

sdasnt@gmail.com

Website:

www.sd-asnt.org

Mr. Jim Hofer will be the Speaker for April 6th 2021

Our Speaker will be Mr. Jim Hofer.

Mr. Hofer is currently the President of Aerohoff Inspection Services, Inc., a third party mobile NDT company that offers general NDT and Mobile Automated Scanning (MAUS) to the aerospace and aviation industry. James has been working in the NDT field for the past 32 years, holds an MBA from Pepperdine University, B.S. in Aviation Maintenance Management Non-Destructive Evaluation from Lewis University, an A.S. in Business Administration, an A.A.S. in Nondestructive Evaluation, and an FAA A&P Mechanics License. James has earned ASNT Level 3's in UT, ET, PT, and MT. Mr. Hofer is also the Responsible Level 3 for all Southern California Boeing sites. James has worked on every flying B1 Bomber, all B2 Stealth Bombers, C-17, Columbia Accident Investigation and Space Shuttle Return-to-Flight, C130, F18, 787, 777, 767, 757, 747, 737, 727, 717, MD-11, MD-90, MD-80, DC-10, DC-9, DC-8, DC-6, DC-3, DC-2, numerous business jets, SLS program, and many small aircraft. His work started at the McDonnell Douglas, worked one year in the power-plant/oil refineries, worked at Northrop on the B2 Bomber, and eventually came back to McDonnell Douglas which merged with Boeing. James was also a board member of the Commercial Aircraft Composite Repair Committee (CACRC). James resides in Oceanside, CA with his wife and four children.

Topic Title: "NDT – New Drone Technology "

Abstract: TBD

Meeting Details

The next technical meeting will be:

Tuesday, April 6th, 2021

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:
May 4th: **Speaker** is

Science Fair
Awards Winners

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.**



March Meeting Report

02 March, 2021 the San Diego Section hosted the 5th Section Technical Meeting of the 2020-2021 year.

The speaker for the evening was Ms. Marybeth Miceli. Marybeth is the President and founder of Miceli Infrastructure Consulting, and she presented a talk on "The immediate and lasting effects of COVID on the NDT industry".

The session discussed the effects on supply chain, work force, QA/QC, and economics along with the need for re-prioritization to resiliency vs. efficiency. One topic that effected everyone in attendance was the shift to virtual or remote audits and performance reviews.

The presentation was well received and concluded with tours of the ndtnow and we-ndt websites with all of the podcasts, equipment demos, and tips they offer.

The Section thanked Ms. Miceli for her talk.

2020-2021 ASNT Events

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

3 - 5 February 2021 - International Chemical and Petroleum 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 Silver 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

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



HELLIER

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

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



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



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

2021:

January 5th: (Dark-No Meeting)

February 2nd: "Past Chairman's Night", Speaker Randy Jones, "NonDestructive Testing, Inspection and Evaluation, When, Why and How"

March 2nd: Marybeth Miceli, "The immediate and lasting effects of COVID on the NDT industry"

April 6th: Jim Hofer, "NDT– New Drone Technology"

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

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

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

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



GOULD-BASS

A TOTAL CONCEPT COMPANY

DESIGN • ENGINEER • MANUFACTURE

- MPI EQUIPMENT
- FPI EQUIPMENT
- ACCESSORIES
- CALIBRATIONS

JIM BORUCKI

(909) 623-6793

jsborucki@sbcglobal.net

1431 W. SECOND ST.

POMONA, CA 91766

FAX (909) 629-1467



PARKER
Magnetic Particle Inspection Instruments



PL-Cable Reel™ Full electric carrying case for Contour™ Probes and accessories. 144 items are also available with dry powder, wet fluorescent inspection medium and track light.



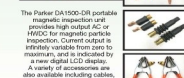
Find out how our equipment and accessories can save you time and money. Give us a call today to get more detailed information on our products and for our distributors' locations anywhere in the world.



SD-10 - Shown with "K" 3/16" items. AD items are available with dry powder and wet fluorescent inspection mediums, including track light and steel carrying case.



DA1500 - 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 HFDC for magnetic particle inspection. Current output is instantly variable from zero to maximum, and is equipped with a new digital LCD display. A variety of accessories are also available including cables, pins and transport carts.



E200 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.



The E200 MR contains electronic circuitry that is shielded within the housing of the instrument. There is no electrical contact between the search and internal circuit. The new innovative switch offers improved operator safety plus durability and is ready suited for high moisture area applications.

P.O. BOX 1406, DUNEDIN, FLORIDA 34697 USA
Phone: 727-796-4066 Fax: 727-797-3941 Email: sales@parkerndt.com

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



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:** \$450 **Non-member:** \$525
- ◆ **Liquid Penetrant Level I / II** (32 hrs)
- ◆ **PT - I / II** (32 hrs) **Members:** \$850 **Non-member:** \$925
- ◆ **Magnetic Particle Level I / II** (32 hrs)
- ◆ **MT - I / II** (32 hrs) **Members:** \$850 **Non-member:** \$925
- ◆ **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 encourage 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!



HD-CR 35 NDT Computed Radiography System

THE BEST CR- RESOLUTION!

Intuitive handling

Easy transition from film

DICONDE · ISO · ASTM

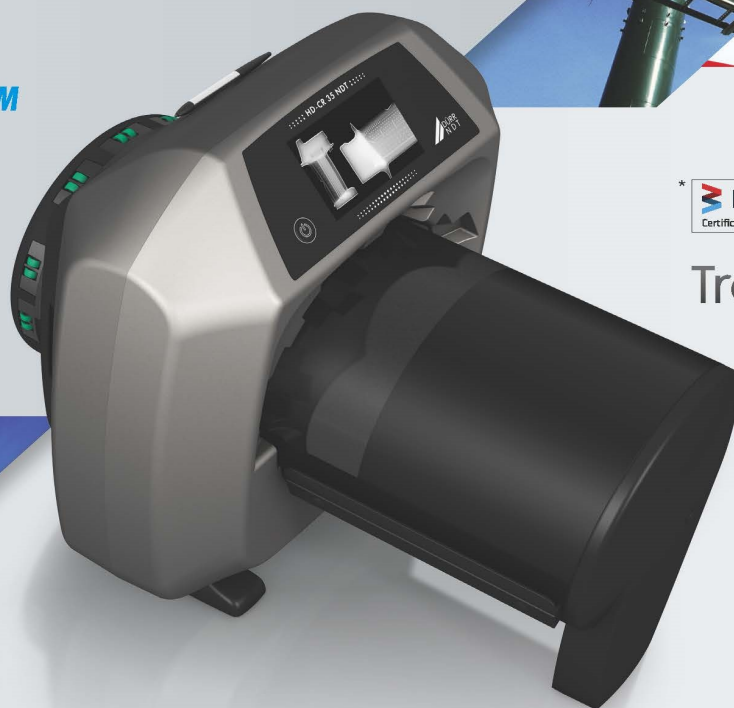
Compliant to all relevant standards

*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 2021

NDT Level I and II Courses

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

(24 hours) \$845
Jan 4-6, Jan 25-27, Feb 15-17, March 8-10,
March 29-31, April 19-21, May 10-12, June 7-9,
June 28-30, July 19-21, Aug 9-11, Aug 30-Sept 1,
Sept 20-22, Oct 11-13, Nov 1-3, Nov 29-Dec 1

Penetrant Level I/II SNT-TC-1A

(16 hours) \$695
Jan 7-8, Jan 28-29, Feb 18-19, March 11-12,
April 1-2, April 22-23, May 13-14, June 10-11,
July 1-2, July 22-23, Aug 12-13, Sept 2-3,
Sept 23-24, Oct 14-15, Nov 4-5, Dec 2-3

Ultrasonic Testing Level I

(40 hours) \$1295
Jan 11-15, Feb 1-5, Feb 22-26, March 15-19,
April 5-9, Apr 26-30, May 17-21, June 14-18,
July 6-9, July 26-30, Aug 16-20, Sept 7-10,
Sept 27-Oct 1, Oct 18-22, Nov 8-12, Dec 6-10

Ultrasonic Testing Level II

(40 hours) \$1295
Jan 18-22, Feb 8-12, March 1-5, March 22-26,
April 12-16, May 3-7, May 24-28, June 21-25,
July 12-16, Aug 2-6, Aug 23-27, Sept 13-17,
Oct 4-8, Oct 25-29, Nov 15-19, Dec 13-17

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)
January 4-8, March 8-12, May 10-14,
September 13-17, November 29-December 3

Radiography Testing Level I

(40 hours) \$1295
January 11-15, March 15-19, May 17-21,
September 20-24, December 6-10

Radiography Testing Level II

(40 hours) \$1295
January 18-22, March 22-26, May 24-28,
September 27-October 1, December 13-17

Film Interpretation (40 hours) \$1295

Jan 25-29, March 29-April 2, Oct 4-8

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

Feb 1-5, April 26-30, Aug 23-27, Oct 18-22

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

Feb 8-12, May 3-7, Aug 30-Sept 3, Oct 25-29

Visual Testing Level II (24 hours) \$845

June 1-3, Nov 22-24, Dec 20-22

Phased Array Training

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

Feb 15-16, April 5-6, Aug 2-3, Nov 1-2

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

\$1995
Feb 15-19, April 5-9, Aug 2-6, Nov 1-5

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

\$1995
Feb 22-26, April 12-16, Aug 9-13, Nov 8-12

Ultrasonic Phased Array Composite Inspection

New for 2021 (40 hours) \$1995
March 1-5, April 19-23, Aug 16-20, Nov 15-19

**Back for 2021, Scheduled,
ASNT NDT Level III Examination,
Refresher Courses**

Basic Level III – Includes text book package worth over \$300 (40 hours) \$1395	June 7-11
Eddy Current Level III (24 hours) \$995	June 21-23
Visual Testing Level III (16 hours) \$795	June 24-25
Magnetic Particle Level III (16 hours) \$795	June 14-15
Penetrant Level III (16 hours) \$795	June 16-17
Radiography Level III (24 hours) \$995	June 1-3
Ultrasonic Level III (40 hours) \$1395	June 28-July2

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

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

Any Training Classes can be scheduled at any time for 4 or more students

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

TEST NDT does not have any pre-requisites for attending any of our courses, it is entirely up to the attendee to determine whether the course is suitable for their needs and whether they are capable of achieving the standards. Please study the applicable course outline and decide if the course is suitable for your needs before enrolling, if in doubt, please contact us to discuss. For employer funded attendees, please discuss the suitability of any of the courses with your employers responsible NDT Level III before enrolling.

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 Visual/Dimensional Testing Level 1 & 2

Course curriculum will meet ASNT: SNT-TC-1A, ASNT CP-189 requirements for classroom training.
Level 1 - 8 hrs. Level 2 – 16 hrs.

Class Location:

TBD

Course Fees:

Level 1 & 2(24 hrs.): ASNT Member \$450.00 (CC \$466) /
ASNT Non-member \$525.00 (CC \$544)

To Be Determined based on number of registered participants.

Instructor: Gary Bass

Note: This class has been scheduled,
If interested in taking this class, see below for contacts.
Registration Deadline is April 16, 2021.

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

NOTE to all course attendees:

Note minimum class size is 5

If this class is not filled by the registration deadline the course will be rescheduled immediately.

Contact Information / Class Registration:

Gary Bass (619) 794-6118
gbchulavista@aol.com

Tentative Class Dates:

Date: Saturdays 07:00AM – 3:30 PM
May 8, 2021
May 15, 2021
May 22, 2021

Basic Outline of Course to be presented.

Level I

- Introduction to Visual Testing
- Physics and Fundamentals of Visual Testing
- Visual Testing Techniques
- Basic Visual Testing Equipment
- Visual Testing of Welds
- Visual Testing of Castings and Wrought Products
- Visual Testing Procedures.

Level II

- Elements of Vision
- Elements of Lighting
- Optics
- Advanced Visual Testing Equipment
- Service-Induced Discontinuities
- Evaluation
- Codes, Standards, and Specifications

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