



Crosstalk

The Official Newsletter of the International Pipe Inspectors

Welcome New Member

Testers Inc.
Oklahoma City Oklahoma

Scientific International Inc.
Broussard Louisiana

"Thank You"

To Our Sponsors

IPIA thanks the following member and colleagues for their support of IPIA courses and for their donations of gauges, samples sand equipment for use in our classroom:

Flint Energy Services Ltd.
Guardian a Shawcor Company
Force Inspection Services Inc.
New Tech Systems
PMC Lonestar
Oilfield Equipment Marketing , Inc.



Spotlight on IPIA Members

CanTool Industries

Redcliff Alberta

CanTool Industries services the oilfield and other related industries. Some of our services include, but are not limited to Drafting and Engineering, Pipe Inspection, Re-certification of Tongs and Elevators, General and Custom Machining and Welding, NDT, MPI, and LPI. We are dedicated to providing our customers with a high quality product and/or service in an efficient manner, while meeting or exceeding ISO and API standards. Safety, quality and environmental responsibilities ensures our ability to serve our customers.

Our Drafting department uses Solid Works, 3D Modeling Software with Stress Analysis and Motion Simulation/Detection. Solidworks enables us to create Solid Objects, Complex Surfaces, Weldments and Formed Sheet Metal. Our portable Faro Laser Scan Arm allows us to scan complex surfaces accurately and quickly creating a 3D Part file. This file can be used for either analysis or can be sent for fabrication and replication. The drawings produced are complete and accurate with a detailed print, bill of material and/or cut list. For more information contact us at: 403-580-5851 .

Quality Tubular Services

Bakersfield California

Inspection * Third Party Monitoring
Premium Thread Services * Protector Reclamation
Pipe Straightening.

For more information contact us at: 661-392-1476

Thank you for your support of IPIA MEMBERS

INSIDE THIS ISSUE:

New Members	1
Member Roster	2
AGM Update	3
Schedule	4
Advertisements	5,6
FYI: Measurement of the Outside Diameter on Tool Joints / SNT-TC-1A	7

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HONORARY MEMBERS**1998**

Homer Parker – Parko, Inc.

2000

Joe Elliott – Coffey Mfg, LLC

Harry LeBlanc

BOARD OF DIRECTORS

President: Les Brewer-Washita Valley Enterprises, Inc.

Vice President: Ken Willson-Guardian a Shawcor Company

Secretary: Stuart LeVoguer -Uni-Spec Inspection Services (NOVA) Ltd

Board Members:

Anthony Curtis - West Coast Pipe Inspection & Maintenance, Inc.

Mike Jennette—Weatherford

ASSOCIATE MEMBERS

1. Association of Pipe Inspection Professionals
2. Aztec Tubular Products
3. Canadian Assoc. of Oilwell Drilling Contractors
4. Gulf Publishing Company
5. International Assoc. of Oilwell Drilling Contractors
6. New Tech Systems, Inc.
7. Oilfield Equipment Marketing, Inc.
8. Sub Surface Tools, Inc.
9. Tech Service Products, Inc.
10. Testers Inc.
11. Scientific International Inc.
12. Xactex Corp.

FULL MEMBERS

1. A & A Services LLC
2. Acctive Oilfield Inspection, Inc.
3. Allen Inspection Company
4. Al Mansoori Specialized Engineering
5. AMOSCO (UK) Ltd
6. Atlantic Inspection Services Ltd
7. B & L Equipment Inc.
8. Bateman Inspections Ltd
9. Bison Energy Services
10. Black Gold Oilfield Inspection Services Ltd.
11. Cantool Industries Inc.
12. Central Oilfield Inspection Ltd.
13. Cobra Machine Ltd.
14. Collar Tech Inspection Ltd.
15. Crossroll, Inc.
16. DCI Services Ltd.
17. Derek Inspection Services
18. Direct Inspection
19. Downhole Inspection Services
20. Fatigue Masters Inspection Ltd
21. Flint Energy Systems Ltd.
22. Force Inspection Services Inc.
23. Garrett Trucking
24. Garrison Brothers Oilfield Service, Inc.
25. Guardian a Shawcor Company
26. Hawk Eye Inspection
27. Independent Oilfield Inspection Services
28. James Clark Inspection Inc.
29. Kincco, Inc.
30. Magnum Inspection LLC
31. Magnum Tubular Inspection Services
32. Maximum Oilfield Inspection Services Ltd.
33. NEWNA Inspection Services Pty Ltd
34. NDT Systems
35. National Oilwell Varco
36. Oil Country Inspection, Inc.
37. Oil Field Specialist Ltd.
38. Pacific Inspection a Tuboscope Company
39. Pat McVicker's Oilfield Services LLC
40. Petro Carbon NDT Solutions Inc.
41. Petroleum Tubular Services Ltd.
42. Precision Turbeco
43. Premier Tubular Inspection Services PTE Ltd
44. Quail Tools LP
45. Quality Inspection Company
46. Quality Tubular Services
47. Redstone Industries LLC
48. Robinson Tubular Services, Inc.
49. Scan Systems Corp
50. Setcore Petroleum Services
51. Siramex (Nigeria) Ltd
52. Smith Inspection Services
53. Special Oilfield Services Co. LLC.
54. Spectrol Group
55. Stealth Oilfield Inspections Ltd
56. Strate-Line Inspection Ltd.
57. Superior Inspection Services, Inc.
58. Tompkins Oilfield Inspection Ltd.
59. Tri-Drill Inspection Services Inc.
60. Trinidad Inspection Services Ltd
61. Triumph Drilling Tools & Inspection Services
62. Tubecare International
63. Tubestar Oil & Gas Services Pvt. Ltd.
64. Tuboser Oilfield Services
65. Tubular Inspection Company
66. Turner Bros. Trucking Co. Inc.
67. Uni-Spec Inspection Services (Nova) Ltd.
68. Washita Valley Enterprises Inc.
69. Weatherford
70. West Coast Pipe Inspection & Maintenance Inc.
71. Wood Oilfield Services, Inc

IPIA ANNUAL MEETING UPDATE

April 11 & 12, 2007

Las Vegas Nevada

IPIA announces the election results for your Board of Directors for 2007-2008

Les Brewer—Washita Valley Enterprises Inc

President

Ken Willson—Guardian a Shawcor Company

Vice President

Board:

Anthony Courtis—West Coast Pipe Inspection & Maintenance Inc.

Stuart LeVoguer—Uni-Spec Inspection Services (Nova) Ltd.

Michael Jennette—Weatherford

IPIA also thanks the following members and sponsors for joining with us at our Reception for Members and our Annual General Meeting held at the Golden Nugget Hotel & Casino:

Coffey Manufacturing LLC

Washita Valley Enterprises

West Coast Pipe Inspection & Maintenance Inc.

New Tech Systems

Oilfield Equipment Marketing, Inc.

Premium Oilfield Inspection Company

Tri-Drill Inspection Services Inc.

Tubular Inspection Company

Uni-Spec Inspection Services (Nova) Ltd.

Pitco a Division of Scan Systems Corp.

A special greeting to the Red Hat Ladies
and to **Joe & Doreen Elliott of Coffey Manufacturing LLC**. for hosting their luncheon.

And to our Golf Players for an enjoyable round of golf
at Stallion Mountain Country Club

Tony Courtis—West Coast Pipe Inspection & Maintenance
winner "Longest Drive"

Joe Elliott—Coffey Manufacturing LLC.

John Williams—West Coast Pipe Inspection & Maintenance

Calvin Turner—Flint Energy Services Ltd.

Pat Hanlon—New Tech Systems

Stuart LeVoguer—Uni-Spec Inspection Services (Nova) Ltd.

Joe Mackin—IPIA

**Thank you and please plan to join us next year
April 2008 in Las Vegas Nevada**

IPIA SCHEDULE 2007

(schedule subject to change)

Students attending MPI Level II or Ultrasonic Level II

courses must have taken the Level I through either IPIA or other recognized training agency.

July

9-13	Ultrasonic Level II	Houston TX
16-18	Magnetic Particle Level II	Houston TX
19	Liquid Penetrant Level I/II	Houston TX
23-25	Magnetic Particle Level I	Oklahoma City OK
26	Visual Thread Inspection	Oklahoma City OK

August

20-22	Magnetic Particle Level I	Houston TX
23	Visual Thread Inspection	Houston TX
27-31	EMI Inspection Unit Operators	Houston TX

September 10-28, 2007

Reserved for COURSES IN CANADA

Schedule is determined by training needs of member companies.

Maximum seating per class is 20—please send in your course interests early.

Location: NISKU INN & CONFERENCE CENTRE

1101—4th Street, Nisku Alberta T9E 7N1

Classes will be in the LEDUC ROOM

For reservations call: 780-955-7744

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- Classes begin at 8:00 a.m. - 5:00 p.m.
 - Students will break from Noon to 1:00 p.m. for lunch on their own
 - Course Fees do not reflect cost of travel expenses (if applicable) that are divided and shared by all persons per company in attendance.
 - Some courses require additional materials not provided by the IPIA.

Student Materials Required for classes (these are not provided by IPIA)

MPI Level I or II - RP5A5, calculator

BHA - API RP7G, SPEC 7, SPEC 7-1, calculator

UDP- API RP7G, SPEC 7, calculator

VTI - RP5A5, calculator

EMI Inspection - Spec 5CT, RP5A5, calculator

Drift - API Spec 5CT, RP5A5, calculator

DS-1 - DS-1 manual, 3rd Edition, calculator

UT - Scientific calculator, UT unit - please specify model

(also if available, either IIW, DSC, DC, Mini Angle Beam)

For schedule updates, please visit our website at:

www.ipia.org

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Helpful Tips for Purchasing Pipe Inspection Equipment

Regardless of manufacturer, the price for new and rebuilt pipe inspection equipment does not come cheap. Usually, choosing equipment strictly based on lowest price or from an understaffed company has its added cost and frustrations over time and after the purchase. Here are a few points to ask manufacturers when making a major equipment purchase that should increase your level of satisfaction for the long run:

- ❖ **How long** have they been manufacturing **NEW** pipe inspection systems (not just spare parts, service and/or rebuilt equipment)?
- ❖ **How many systems** have they sold? (same item you are considering to purchase)
- ❖ **How long** have they been making that particular system? (Are you buying the prototype?)
- ❖ **How easy** is their equipment to operate? (Complex =longer learning time for operators)
- ❖ **Will they provide** a detailed customer reference list? (With names & contact numbers).
Call them!
- ❖ **Can they demonstrate** the actual equipment prior to making the purchase?
- ❖ **Can they provide** excellent technical support for your equipment after the purchase? By what means?
- ❖ **Do they have technicians** available 24 hours, 7 days a week? (How many?)
- ❖ Do their technicians make field service calls when requested? **Promptly? Response time? Will they travel overseas on short notice?**
- ❖ **Do their technicians** have ASNT certification for the technology pertaining to your purchase?
- ❖ **Do they provide** equipment operational training? In-field or In-house only?
- ❖ Are their spare parts reasonably priced and readily available? (Ask for spare parts prices up front.)
- ❖ Is their equipment and major components manufactured in-house or purchased from outside vendors?

New Tech Systems has been manufacturing new, high-quality EMI and Ultrasonic Pipe (OCTG) inspection systems for 11 years with 350 + new systems operating in over 50 countries worldwide. With a large staff of highly qualified employees with over 200 years combined NDT equipment experience, AND three locations to serve you, New Tech Systems continues to provide the worldwide OCTG inspection industry with the most durable, latest technology equipment, supplies and excellent technical support. **YOUR BUSINESS IS YOUR FUTURE!** Why not choose an equipment supplier with your best interests in mind?



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louisiana@newtechsystems.com

Houston Location

Houston, Texas
houston@newtechsystems.com

Website: www.newtechsystems.com

A Special Thank You!

New Tech Systems would like to thank all of you who attended O.T.C. in May. This year we had two booths—one outside (our same location), and one inside. Several orders were taken as a result of our participation there. We appreciate you coming by to say "Hello!"

Also, in April we attended the IPIA/AGM in Las Vegas. We appreciate the participation and the opportunity to visit with customers as well. Please plan to attend next year and encourage others to participate.

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Manufacturer of Quality Pipe Inspection Equipment

New Tech Systems Quarterly Update

- New Tech Systems is the OCTG inspection industry's only one-stop shop for quality tubular inspection systems and related pipe service equipment
- Manufacturer of EMI and Ultrasonic pipe inspection systems for tubing, drill pipe, casing, coiled tubing and sucker rods , any length and/or size up to 13-3/8" OD
- We are celebrating the start of our 12th successful year in business
- We have completely moved into our new Midland, Texas manufacturing facility on 11 acres (Phase 1) and have started on the adjacent corporate office complex (Phase 2)
- Over 350 EMI and Ultrasonic Systems sold worldwide since 1996, operating in over 50 countries with excellent overall customer satisfaction
- Complete metal fabrication, welding services and oilfield machine shop (Texas Machine & Fabrication)
- WaterJet CNC custom metal and material cutting services (Midland WaterJet)
- Engineering and custom design of your proposed facility and/or required equipment
- Excellent technical support after the sale with at least 10 specialists on staff with passports. Locations in Midland & Houston-area, Texas, Broussard, Louisiana, and representation in Mexico and China to better service our customers

Please see our website for a complete listing of products and services!

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VISIT OUR WEBSITE: www.newtechsystems.com

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FYI

From the desk of Joseph L. Mackin
Executive Director-IPIA

Measurement of the Outside Diameter on Tool Joints

API RP 7G lists two required tool joint inspections; outside diameter measurement and shoulder condition. The outside diameter is measured because it controls the torsion limits of the tool joint. Recently in classroom discussion of the outside diameter measurement there have been a significant number of students who indicate that they are taking these measurements with a pi tape rather than OD calipers. This is not in compliance with the requirements of AIP RP 7G which requires classification based on the minimum diameter. The pi tape gives an average diameter. The reading with a pi tape, in the case of a tool joint that has worn eccentrically, will always be larger than the minimum diameter required for classification.

As we discuss in the classroom there are three phases to an inspection: detection, evaluation and classification. If the tool joint condition is not evaluated properly the wrong paint band could be applied and the user may use the pipe in a application beyond its capability.

SNT-TC-1A

Many of the inspection companies use Recommended Practice No. SNT-TC-1A published by the American Society for Nondestructive Testing, Inc. as the based for their written practice for qualification and certification on inspection personnel. The IPIA NDT method courses (Magnetic Particle, Ultrasonics, Liquid Penetrant and EMI) follow the training outlines referenced in SNT-TC-1A.

The 2006 edition of SNT-TC-1A is now available from ASNT and companies using it as a basis for certifying inspection personnel may want to review their programs based on the changes in the 2006 edition of SNT-TC-1A. These changes are highlighted below:

- Limited certification for ultrasonic thickness gauging has been added to the certification. This is a limit of scope (thickness gauge only) not a limit of level of qualification.
- Editorially, the training outlines that have previously been included in SNT-TC-1A have been moved to a new document CP-105. This was done so that SNT-TC-1A and CP 189 can both reference the same outlines. When you purchase SNT-TC-1A a copy of CP 105 is bundled with it.
- The frequency of the color contrast examination was changed from three years to five years. Note: the near vision examination remains annually.
- There are some modifications on the required number of question on the General and Specific examinations which we have addressed in our testing programs.
- The employer's written practice should include rules covering the types and duration of interrupted service that requires reexamination.
- Re-certification intervals have been changed from three years to five years.

INTERNATIONAL PIPE INSPECTORS ASSOCIATION
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**Next Advertisement Deadline for
Crosstalk
September 6, 2007**

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