



National Institute for Storage Tank Management

Seventh Annual International
Conference on Aboveground
Storage Tanks

May 12-14, 2004
Rosen Plaza Hotel
Orlando, Florida





GLOBAL INNOVATIVE
SOLUTIONS

HMT Provides Quality Products and Services for Aboveground Storage Tanks

HMT has a long history of providing new and innovative products and services to the Aboveground Storage Tank Industry around the globe. HMT's commitment to resolving the challenges confronting tank owners has led to the development of many industry "firsts".



Corporate Offices
23832 Tomball Parkway
Tomball, TX 77375

281.401.7300
281.351.8589 (Fax)

www.hmttank.com

Visit our website for a listing of our US
and International office locations

HMT is a global provider of quality innovative products and services for the Aboveground Storage Tank Industry. These tank products and services have been designed and developed so as to enable the tank owner to contain hydrocarbon liquids and vapors "in the tank," rather than allowing escape to atmosphere, soil or ground water.

Some of the many tank products provided by **HMT** include primary and secondary floating roof seals, floating roof drain systems, firefighting foam delivery systems and hydrocarbon vapor emission reduction devices and systems. **HMT** also provides various types of aluminum, stainless steel, carbon steel and advanced composite floating roofs, floating composite oil-water separator covers, aluminum geodesic domes and secondary containment and leak detection systems.



A key to SPCC (Spill Prevention Control and Countermeasure) integrity testing compliance and API 653 mandated suitability-for-service and integrity assessment involves proper tank inspection. **HMT Inspection Services** include a full range of inspection and engineering services for tanks and piping. The NDE services provided by this group include MFE floorscanning, MFE PipeScan, SLOFEC for the inspection of corrosion under thick tank bottom coatings and linings, and also helium leak testing. **HMT** Inspection also provides other quality inspection services such as ACFM, ultrasonics, magnetic particle, etc., as well as engineering evaluations by Certified AWS/CWI, API 653, API 510 and API 570 Inspectors.



Additional services **HMT** provides include quality tank repair and maintenance services, new tank construction, tank calibration, turnkey tank maintenance management programs, and design and engineering services. **HMT's Tank Products and Services** make good economic and environmental sense for today's ASTs.



The National Institute for Storage Tank Management (NISTM)

Now in its seventh year, the International Conference on Aboveground Storage Tanks has been called, "One to Watch," by Hazardous Cargo Bulletin. Founded in 1989, the National Institute for Storage Tank Management is a non-profit organization that provides educational opportunities and information about the operation, regulation, and management of underground and aboveground storage tank systems.

NISTM offers several one-day classes each year about UST and AST management, and an annual international three-day conference in May.

The Institute has a partnership with the National Organization of State AST Program Managers, and works with numerous state and federal organizations responsible for storage tank regulation, oil spill prevention and response, and interstate liquid petroleum pipeline regulation.



WHO SHOULD ATTEND:

This conference is designed for engineers, managers, or other individuals involved with operations, construction, environmental compliance, spill prevention, and response or management activities associated with aboveground storage tanks and piping.

Nationally recognized experts will provide the latest information available on tank management in this three-day course. You can get answers to your questions about the most recent issues and technological advancements in API Standards, Construction, Spill Response, Internal Lining, Piping, Release Detection, Contamination Cleanup and Response, Overfill Protection, Upgrading and Relocation, Risk Based Assessments, Secondary Containment, Release Tank Cleaning, Internal Inspections, Robotic Technology, Terminal Operation, Integrity, Pipeline Safety, and more!

RECOMMENDED ATTIRE

Business casual dress is appropriate during sessions and within the Rosen Plaza Hotel.

OFFICIAL CHECK-IN and HELP DESK

Wednesday, May 12
7:00AM - 10:00AM

Thursday, May 13
7:30AM - 10:00AM

Friday, May 14
7:30AM - 10:00AM

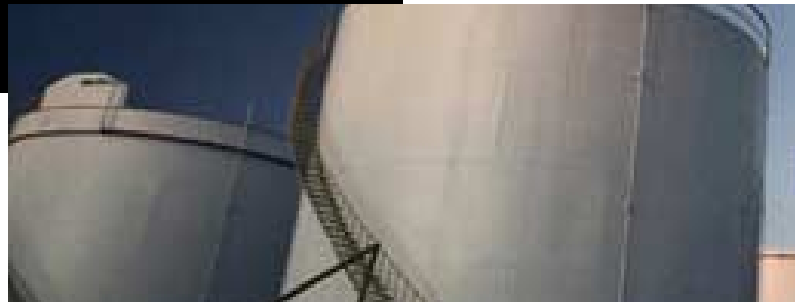
COCKTAIL RECEPTIONS

There will be a Welcome Mixer & Nightcap the night before opening session, Tuesday, May 11, at 7:30pm. We hope you will join us in the opportunity to mix and mingle in the Ballroom Gallery outside the exhibit area. Catch up with friends and get the conference off to a great start.

There will be two additional mixers during the conference on Wednesday and Thursday evenings immediately at the end of the day's sessions. Please join us for a special opportunity to network with AST owners, regulators, equipment vendors, and consultants.

WEDNESDAY, MAY 12

- 8:00am Introduction
Marshall Mott-Smith
NISTM
- 8:15am SPCC Update – Everything you wanted to know about SPCC but we could not tell you until now!
Mark Howard
USEPA OPC
- 8:45am National Association of State AST Programs (NASAP) Report – How State AST programs will affect you...
Sam Lilliard
Virginia Department of Environmental Quality
- 9:15am Know the Risk
Romney Duffey
AECL
- 10:00am Break
- 10:15am Florida's Ongoing Cause of Leak Study for AST's
William Truman
NISTM
- 10:45am Confessions of a Tank Inspector
John Albert
Missouri
- 11:25am API RP 2350
Phil Myers
Chevron
- 12:00pm Lunch
- 1:15pm API Standards Revisions Update
Roland Goodman
American Petroleum Institute
- 1:45pm Tank Relocations from Virginia Flooding
Alan Watson
A. R. Watson, Inc.
- 2:15pm Professional help about developing SPCC Plans
Eric G. Politte, P.E.
Response Management Associates, Inc (RMA)
- 2:45pm Break
- 3:00pm Risk Management of ASTs
Dan Brooks
GeoMatrix Consultants, Inc.
- 3:30pm Double Bottom Concept; Rubber Duck; Testing and Installation
Rüdiger Steffen
Eco-Tank Systems, LLC



- 4:00pm Operating Damaged Equipment...Is it Safe? – Fitness for Service for ASTs
Ted L. Anderson
Structural Reliability Technology
- 4:30pm API 653 Internal Inspection Intervals
Chris Bashor
Minnesota Pollution Control Agency
- 5:30pm Adjourn/ Cocktail Mixer

THURSDAY, MAY 13

- 8:00am Introduction
Marshall Mott-Smith
NISTM
- 8:15am Office of Pipeline Safety – Update & How to improve your DOT Breakout Inspection
Mike Khayata
US DOT Office of Pipeline Safety
- 8:45am API's research on pressure testing for bulk product piping
Ken Wilcox
Ken Wilcox & Associates
- 9:15am Pipeline Integrity: Comparing ECDA and API 570 Inspection Standards
Dean Flessas
Corrpro Companies, Inc.
- 9:45am Break
- 10:00a Bulk Product Semi-Rigid Pipe Installation at a Capetown Naval Facility
Georges Boyazis
Colvic Marketing and Engineering
- 10:30am New steel double-bottom design
John Toscano
Toscano Engineering
Randy Carroll
Motiva Enterprises
- 11:00am API 650/Process Industries Practices Merger
George L. Morovich
TEMCOR
- 11:30am SPCC Plans – Challenges for Airports
Dennis Eryou
Eryou Engineering
- 12:00pm Lunch

* SPONSORSHIP OPPORTUNITIES STILL AVAILABLE *



1:15pm	Low-Range Differential Pressure System for AST Leak Detection Steve Barker Vista Research
1:45pm	Microbiological Contamination & Microbiologically Induced Corrosion Howard L. Chesneau Fuel Quality Services, Inc
2:15pm	New Low Profile Secondary Containment Tor Larson Matrix Service
2:45pm	Break
3:00pm	Wireless Inventory Monitoring for Vendor Managed Inventory Mike Geis AMETEK Sensor Technology
3:30pm	Panel – State Regulatory Issues Chris Bashor Minnesota Pollution Control Agency
4:30pm	Adjourn

FRIDAY, MAY 14, SESSION 1

8:15am	Building a Proper AST to meet SPCC Requirements and Industry Standards David Piercey JD2 Environmental
8:45am	Life-Cycle Management of Small Fuel Storage Tanks (1,000 - 4,000-gallon) Larry LaPlante Booz Allen Hamilton
9:15am	Shop Fabricated Tank Inspection Results John Cignatta Datanet Engineering
10:00am	Break
10:15am	Under Tank Secondary Containment Options (One Size Does NOT Fit All) David Nickl, P.E. Tank Engineering & Management Consultants
10:50am	Vapor Corrosion Inhibitors for AST cathodic protection Ashish Gandhi Cortec Corporation

11:30am	Update on Corrosion Control Regulations for AST's & Underground Piping Jim Lary Corrpro Companies, Inc.
12:10pm	Testing of High Pressure and High Viscosity Product Piping Steve Barker Vista Research
12:50pm	Adjourn

FRIDAY, MAY 14, SESSION 2

8:15am	Shop Fabricated AST Inspections Wayne Geyer Steel Tank Institute
8:45am	Risk Based Inspections Ben Sloan Chevron Texaco
9:15am	Robotic AST Inspection: Compliance and Life Cycle Cost Eugene Silverman InTank Services, Inc.
10:00am	Break
10:15am	Buying a tank is simple... Ray Penny Tank Industry Consultants
10:50am	Pipeline Pigging Terry Wheeler Baker Hughes Pipeline Management Group
11:30am	Tank Rehabilitation Kelly M. Baker Interline Plastics, Ltd.
12:10pm	Preventing AST Corrosion Using Flexible Tank Liners Hal Halladay Flexi-Liner Corporation
12:50pm	Adjourn





The Praxair Services Solution

NEW!! Automated cathodic protection data acquisition services.

Let Praxair Services handle CP data acquisition and reporting, alarm screening, and remote monitor maintenance – all for a reasonable monthly fee.

- Simultaneous assessment of CP system effectiveness and leak tightness of virtually any pipe or tank.
- Innovative directionally drilled CP systems for ASTs, congested piping areas, and pipelines.
- Alternatives for API 653 tank inspections and API 570 piping inspections.
- Integrity assessment of virtually any size pipelines and tanks using leading edge tracer chemical technology.

For more information on Praxair Services, Inc. offerings please call 1.800.PRAXAIR or visit our website at www.praxair.com/services.



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Delivering EXCELLENCE

Consolidated Fabrication & Constructors, Inc. is a mechanical contractor serving the needs of the nation's leading petrochemical companies. From storage tank inspection and repair to new tank design and construction, Consolidated is the industry benchmark for quality and reliability. Through the successful completion of thousands of manufacturing and retrofitting projects, our reputation for consistently performing safely, on time, within budget and to our customer's satisfaction, is well earned.

FIELD, INSPECTION, SHOP Solutions

From concept through implementation, our responsive, dynamic team of engineers, project managers, craftsmen, inspectors and field specialists can handle the entire project with "turn-key" efficiencies.

Areas of EXPERTISE

- Above Ground Storage Tanks
- Inspection Services
- Pipeline & Terminal Maintenance
- Terminal & Refinery Piping
- ASME Pressure Vessels & Boiler Code Work
- Structural Steel
- Contract Maintenance (T.A.R.)
- Welding Procedures

Commitment to SAFETY

We believe that safe work performance is a state of mind. The commitment to building a "true safety culture" is predicated on the participation of every team member taking ownership in safety on every project.

Visit our booth at the 7th Annual International Aboveground Storage Tank Conference at the Rosen Plaza Hotel in Orlando, Florida on May 12-14, 2004.

For more information about how CFC can support your business, contact Steve Powell at (219) 884-6150 or visit us online at www.constfab.com.

Consolidated: The Aboveground Storage Tank Solution



CONSOLIDATED
FABRICATION & CONSTRUCTORS

3851 Ellsworth Street, Gary, IN 46408

REGISTRATION INFORMATION

There are three ways to register for the Seventh Annual International Conference on Aboveground Storage Tanks.

ONLINE: For faster service and immediate confirmation, register with your credit card online using our exclusive conference site www.nistm.com. Allow for 24 hours for email notification and registration confirmation.

FAX: Your completed registration form to 352-597-1790 or call 1-800-827-3515.

MAIL: The completed form to NISTM, P.O. Box 26008, Tampa, Florida 33623.

We accept the credit cards pictured below, in addition to checks and money orders. All checks should be made payable to National Institute for Storage Tank Management. On-site registrants will be subject to full payment at the CORPO-RATE registration fee and can be paid by cash check or credit card.

Registration includes tuition, course materials, refreshments, Wednesday luncheon, and C.E.U. Certifications (for full course only).

CANCELLATION POLICY: While conference fees are payable in advance, complete refunds

are issued for cancellations received at least eight business days prior to the conference, and participant substitutions can be made up to the day of the seminar. Cancellations made less than eight business days prior to the event will be charged a 10% administration fee and a credit memo will be issued for the remaining amount to be used towards any future class or conference. This credit is freely transferable to another student.

PROGRAM INFORMATION

Multimedia CDs that contain the speaker presentations will be issued to you at check-in. These CDs are complimentary as a part of your registration fee and can be used as a reference material long after the conference.

CONTINUING EDUCATION CREDITS

Many local, state and national licensing boards and professional organizations will grant Continuing Education Credits for attending this conference. In the weeks following this conference, we will issue you a Certificate of Completion. Please contact your governing agency or organization to find out specific requirements.

REGISTRATION FORM

FULL 3 DAY COURSE \$575 per person | GOVERNMENT EMPLOYEES \$475 per person

For your convenience, we have reserved rooms at the Rosen Plaza Hotel. The room rate for conference participants is \$120.00 (single/double) and \$95.00 for government employees. Please call the hotel directly at (407) 996-9700 for reservations as soon as possible and ask for rooms for The National Institute for Storage Tank Management. Call us at 1-800-827-3515 to register by phone. Discounted rates are available for those unable to attend the full course.

Name: _____
(As you want it to appear on certificate of completion)

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(Signature required, authorizing charge and acknowledging cancellation and fee policies.)

DISPLAY BOOTHS

Limited space still available
Call 1-800-827-3515 for details



DESTINATION ORLANDO

Orlando Florida is the home of NISTM's International AST conference. Participants often view this meeting as a vacation opportunity for their families. Orlando is a vibrant, thriving international destination offering visitors an array of exciting options guaranteed to provide a lifetime of



priceless memories. No matter how many times you visit, you'll be greeted with something new and different. Just minutes away from the conference site, you can visit the world's most popular theme parks and attractions including Walt Disney World, Universal Orlando's Islands of Adventure, City Walk and Discovery Cove; the world's full-scale Titanic exhibit.

UNFORGETTABLE GOLF ONLY YARDS AWAY...



Located just 1/2 mile east of Orlando's Orange County Convention Center expansion on Universal Boulevard, the challenging, yet playable, Shingle Creek Golf Club is within a 5 iron's distance of everything. The Rosen Plaza Hotel offers FREE transportation to and from Shingle Creek for registered hotel guests.

This David Harman designed, par 72 (7,213 yard) championship golf course features undulating fairways and interconnected waterways. Bordered by a natural backdrop of dense oaks and pines, Shingle Creek Golf Club lies along historic Shingle Creek – headwaters to the Florida Everglades – providing an ideal and unforgettable golf experience.

HOTEL ACCOMMODATIONS

The Rosen Plaza Hotel is located in the heart of all the excitement, minutes from all of the attractions. Adjacent to the Orange County Convention Center & Expansion, close to the airport and major thoroughfares, The Rosen Plaza is in an ideal location.

- 15 minutes to Orlando International Airport
- Five minutes to Universal Orlando®
- 10 minutes to Walt Disney World® Resort
- One mile to SeaWorld®
- Across the street from Pointe Orlando, a 17-acre entertainment and shopping complex



TRANSPORTATION

AIRPORT GROUND TRANSPORTATION: Orlando International Airport is served directly by bus, taxi and shuttle van. Taxis are conveniently located on Level 1 on both the A and B sides of the terminal. Shuttle vans are also conveniently located on Level 1 on both the A and B sides of the terminal. Some shuttle services required an advance reservation. Please contact them directly.

- Mears: (407) 423-5566
- Tran Star: (407) 856-7777

I-RIDE Trolley Service: I-Ride Trolleys are the fun way to get around the International Drive area. And it's so easy. After a day in conference session, experience the food and shopping that I-Drive has to offer. Just hop on board at a stop located just outside the hotel from 8am - 10:30pm. It's convenient, economical and fun. NISTM will provide conference participants with a complimentary I-RIDE Trolley pass for use during your stay in Orlando.

NISTM
P.O. Box 26008
Tampa, Florida 33623

