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# NATIONAL INSTITUTE FOR STORAGE TANK MANAGEMENT

EIGHTH ANNUAL INTERNATIONAL CONFERENCE  
ON ABOVEGROUND STORAGE TANKS

MAY 11-13, 2005  
ROSEN PLAZA HOTEL  
ORLANDO, FLORIDA



# HMT Provides Quality Products and Services for Aboveground Storage Tanks

**HMT** is a global provider of cost effective, environmentally focused products and services for the Aboveground Storage Tank Industry. These tank products and services have been developed to contain hydrocarbon liquids and vapors “in the tank”, rather than allowing them to escape into the atmosphere, soil or ground water.



One of the featured services provided by **HMT** is a unique maintenance program designed to reduce overall tank maintenance cost and tank out-of-service downtime. The **HMT Turnkey Tank Maintenance Program** includes a menu of the various Tank Maintenance services provided by **HMT**, including maintenance planning, cleaning, inspection, repair, product installation, civil and mechanical work, painting and coating, calibration and commissioning. **HMT** provides “customized” maintenance programs designed to meet specific facility needs and requirements.

## **HMT Quality Tank Products:**

- Floating Roof Seal and Drain Systems
- Aluminum, Composite and Steel Floating Roofs
- Suspended Internal Deck Systems
- Composite Oil-Water Separator Covers
- Geodesic Dome Roofs
- Secondary Containment and Leak Detection Systems
- Vapor Emission Reduction Systems
- Capacity Gain and Inventory Reduction Systems



## **HMT Innovative Customized Tank Services:**

- Repair and Maintenance
- New Construction
- Inspection
- Calibration
- Painting and Coating
- Design and Engineering
- Civil and Mechanical
- Turnkey Tank Maintenance Program



**HMT's Tank Products and Services** make good economical and environmental sense for today's Aboveground Storage Tank Industry.



*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 Office**

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[www.hmttank.com](http://www.hmttank.com)

Visit our website for a list of our U.S. and International Office Locations.

**GLOBAL  
INNOVATIVE  
SOLUTIONS**

# THE NATIONAL INSTITUTE FOR STORAGE TANK MANAGEMENT (NISTM)

Now in its eight 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 11  
7:00AM - 5:00PM

Thursday, May 12  
7:30AM - 5:00PM

Friday, May 13  
7:30AM - 1:00PM

## COCKTAIL RECEPTIONS

There will be a Welcome Mixer & Nightcap the night before opening session, Tuesday, May 10, 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.

# NATIONAL INSTITUTE FOR STORAGE TANK MANAGEMENT

## EIGHTH ANNUAL INTERNATIONAL CONFERENCE

### WEDNESDAY, MAY 11

Time	Topic	Speaker
8:00am	Introduction	Marshall Mott-Smith <i>NISTM</i>
8:15am	SPCC Update	Mark Howard <i>USEPA OPC</i>
8:45am	National Association of State AST Programs (NASAP) Report – How State AST programs will affect you...	Sam Lillard <i>Virginia Department of Environmental Quality</i>
9:15am	API Standards Revisions Update	Roland Goodman <i>American Petroleum Institute</i>
10:00am	Break	
10:30am	Risk-Based Inspections Made Easy	Ben Sloan <i>ChevronTexaco</i>
11:00am	ACFM - A fast, reliable and economical NDE method to detect Stress Corrosion Cracking (SCC) in Tank bottoms in Ethanol Service	John Hazel <i>HMT, Inc.</i>
11:30am	Stress Corrosion Cracking Task Force Update-Ethanol Storage	Chuck Corr <i>Archer Daniels Midland</i>
12:00pm	Lunch	
1:15pm	Magnetic Flux Leakage Evaluations - Capabilities and Limitations	Bill Duke <i>MFE Enterprises</i>
1:45pm	Tank Damage from Hurricane Ivan	Alan Watson <i>ARWatson, Inc.</i>
2:15pm	New STI AST Inspection Matrix Standard	Chuck Travelstead <i>Brown-Minneapolis Tank &amp; Innovative Tank Solutions</i>
2:45pm	Break	
3:15pm	Floating Roof Repairs Out-of-Round Tanks – Case Study	Mark Baker <i>Baker Consultants</i>
3:45pm	Environmental Forensics and Florida's Leak Autopsy, Study for ASTs	Steve Hilfiker <i>Environmental Risk Management, Inc.</i>
4:15pm	Benefits of Internal Floating Roof Cable Suspension Systems & Reduced Emission Losses	Ken Erdman <i>Matrix Service, Inc.</i>
4:45pm	Panel Discussion - SPCC Issues	TBA
5:45pm	Adjourn/ Cocktail Mixer	

### THURSDAY, MAY 12

Time	Topic
8:00am	Introduction
8:15am	Office of Pipeline Safety - Update
8:45am	Pipeline Case-Studies
9:15am	Conducting Pipeline Mechanical Integrity Inspections to A 570 Code"
9:45am	Break
10:15am	Overfill Incidents in 2005
10:45am	Overfill Prevention Measures
11:15am	Industry Effects from the Ultra Low-Sulfur Diesel Rule
12:00pm	Lunch
1:30pm	An Update on Control of Double Bottom Tank Interstitial Space Corrosion with Vapor Corrosion Inhibitors
2:00pm	Measuring the Effectiveness of VpCIs (Vapor phase Corrosion Inhibitors) Versus Traditional Inhibitors
2:30pm	Break
3:00pm	Tank entry supervisor certification program - Safety Tank Cleaning
3:30pm	Consensus or Prescription? Best Approach to Fire Code Enforcement
4:00pm	Fire damage limitation by modern protection measures
4:30pm	Panel Discussion - Ultra Low Sulfur Diesel Rule Effects
5:00pm	Adjourn/Cocktail Mixer

# CONFERENCE ON ABOVEGROUND STORAGE TANKS

## THURSDAY, MAY 12

Speaker
Marshall Mott-Smith <i>NISTM</i>
Mike Khayata <i>US DOT Office of Pipeline Safety</i>
Dean Flessas <i>Corrpro Companies, Inc.</i>
Craig Meier <i>Corrosion Control Incorporated</i>
Phil Myers <i>Chevron Texaco</i>
Robert Arias <i>RADA Technologies Inc</i>
Jeffrey A. Herzog <i>USEPA National Vehicle and Fuel Emissions laboratory Assessment and Standards Division</i>
Tim Whited <i>Praxair Services, Inc.</i>
Anna Vignetti <i>Cortec Corporation</i>
Les Bente <i>Don Miller &amp; Associates</i>
Doug Jeffries <i>Chevron Texaco</i>
Rüdiger Steffen <i>Eco-Tank Systems LLC</i>
TBA

## FRIDAY, MAY 13, JOINT SESSION

Time	Topic	Speaker
8:00am	Panel - State Regulatory Issues	Chris Bashor <i>Minnesota Pollution Control</i>

### FRIDAY, MAY 13, SESSION 1

Time	Topic	Speaker
8:45am	Evaluating AST Leak Detection Methods - A Regulator's Perspective	Chris Bashor <i>Minnesota Pollution Control</i>
9:15am	German Leak Detection Methods	Peter Szalata <i>TUV</i>
9:45am	Mapping requirements for SPCC, FRP, and State Plans	Jon Hughes, PE <i>Hughes Consultants, Inc.</i>
10:15am	Break	
10:30am	Floating Roof Penetration Cautions	John Lieb <i>Tank Industry Consultants</i>
11:00am	Suspension Roof Design Considerations for Aluminum Floating Roofs	John Oleyar <i>HMT Inc.</i>
11:30pm	Corrosion Analysis Following Tank Inspections	Louis Koszewski <i>US Tank Protectors, Inc.</i>
12:00pm	TBA	TBA <i>Delaware DEQ</i>

### FRIDAY, MAY 13, SESSION 2

Time	Topic	Speaker
8:45am	Shop-Fabricated AST Valves - What you need to comply	John Cignatta, PE, Ph.d <i>Datanet Engineering, Inc.</i>
9:15am	Shop Fabricated AST Overfill Protection	Wayne Geyer <i>Steel Tank Institute</i>
9:45am	Remote-Operated Vehicle Inspection of Tank and Piping Systems	Will Pickett <i>Vista Leak Detection</i>
10:15am	Break	
10:30am	Secondary containment liner systems recently installed at Florida AST facilities	Bill Shehane, P.E. <i>Seaman Corporation</i>
11:00am	Fulfilling Utilization and Integrity Management Challenges of AST's & Piping with Advanced On-stream Integrity Assessment & Control Technologies	Tim Whited, Gene Silverman <i>Praxair Services, Inc.</i>
11:30pm	Precision Leak Testing	Larry D. Speaks <i>Mass Technology Corporation</i>
12:00pm	AST Contamination Remediation Issues	Ken Czoer <i>CBM Environmental Services</i>



- API 653 Inspections
- Title V
- Seal Inspections
- Web based reporting

Web based record creation, collection, maintenance, and disposition through our web location that adheres to federal standards (e.g., National Archives and Records Administration (NARA) standards for magnetic tape storage). Records maintainable on our site are inspection records plus health, safety, and environmental records.

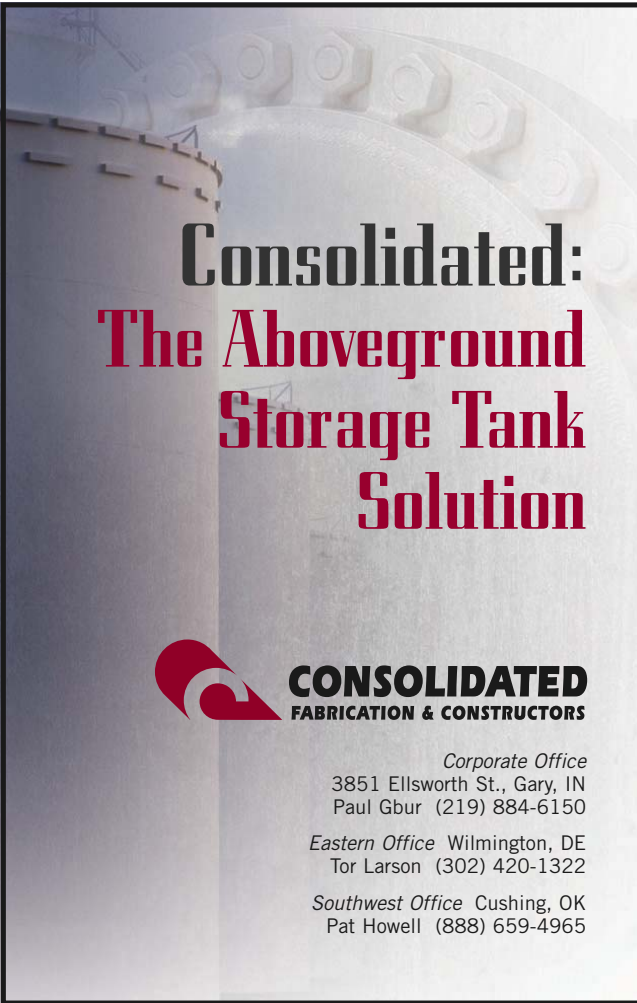
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# Consolidated: The Aboveground Storage Tank Solution



*Corporate Office*  
 3851 Ellsworth St., Gary, IN  
 Paul Gbur (219) 884-6150

*Eastern Office* Wilmington, DE  
 Tor Larson (302) 420-1322

*Southwest Office* Cushing, OK  
 Pat Howell (888) 659-4965

## 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 8th Annual International Aboveground Storage Tank Conference at the Rosen Plaza Hotel in Orlando, Florida on May 11-13, 2005.**

**For more information about how CFC can support your business, contact Paul Gbur at (219) 884-6150.**

# REGISTRATION INFORMATION

There are four ways to register for the Eighth 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](http://www.nistm.com). Allow for 24 hours for email notification and registration confirmation.

**FAX:** Your completed registration form to 352-597-1790.

**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 CORPORATE 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.

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# REGISTRATION FORM

**FULL 3 DAY COURSE \$595 per person | GOVERNMENT EMPLOYEES \$495 per person**

For your convenience, we have reserved rooms at the Rosen Plaza Hotel. The room rate for conference participants is \$121.00 (single/double), governmental rate is \$98.00. 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)

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

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Method of Payment:     Check                     Credit Card  
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Card No.: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

Signature: \_\_\_\_\_

(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.

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NISTM  
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