

**NPRA National Safety Conference:
Advance Program**

The Woodlands Waterway
Marriott Hotel
May 2-3, 2007



May 2-3, 2007

NPRA National Safety Conference: Advance Program

Superior safety is fundamental to business success. NPRA's National Safety Conference features an overview of safety challenges and issues affecting refineries and petrochemical plants. It assembles 400 individuals from industry and government agencies with responsibility for health/safety, safety procedures, training, fire protection, emergency response, incident reviews, safety regulations and safety management. Leading industry experts share valuable insights to promote safety and accident prevention through general session presentations, workshops, and discussion groups. Each workshop track has a collection of presentations, discussion forums and Q&A sessions. The National Safety Conference provides attendees an excellent opportunity to increase their safety knowledge, share best practices, and network with industry experts.

**New! Safety Workshop –
The Safety Professional's Role in NFPA 70E**
At many facilities, the Maintenance or Electrical Department have been given the responsibility for compliance with NFPA 70E. This workshop will equip the safety professional with the basic knowledge and information necessary to bridge any gaps between an NFPA 70E program and the requirements in OSHA 29 CFR 1910.331-335

Vendor Exhibition
The National Safety Conference also features a vendor exhibition where attendees have an opportunity to learn about the latest products and services available to the industry. Approximately 35 vendors exhibit during the conference.

Safety Awards Reception & Banquet
NPRA also recognizes safety award recipients in conjunction with the conference. The Safety Awards Program honors NPRA Regular member companies operating U.S. refineries and petrochemical manufacturing plants, as well as Associate member contractors working in those facilities.



**Schedule of Events
At a Glance**

Tuesday

May 1, 2007

11:00 am – 5:00 pm Registration
 12:00 pm – 5:00 pm Workshop – The Safety Professional's Role in NFPA 70E
 Exhibitor Move-in

Wednesday

May 2, 2007

7:00 am – 6:30 pm Registration
 8:00 am – 10:00 am Exhibitor Move-in
 8:00 am – 12:00 pm **General Session**
 12:00 pm – 1:30 pm Buffet Luncheon
 Exhibits Open
 1:30 pm – 3:00 pm **Concurrent Workshop Sessions**
 3:30 pm – 5:00 pm **Workshops Repeated**
 5:00 pm – 6:30 pm Reception in Exhibit Hall

Thursday

May 3, 2007

7:00 am – 6:30 pm Registration
 8:00 am – 12:00 pm **General Session**
 12:00 pm – 1:30 pm Buffet Luncheon
 Passport Program
 1:30 pm – 4:00 pm **Workshop / Discussion Groups**
 6:00 pm – 9:30 pm Safety Awards Reception and Banquet

**Tuesday
May 1, 2007**

12:00 noon – 5:00 pm

**NEW! Safety Workshop
The Safety Professional's
Role in NFPA 70E**

- Topics to be covered:
- Review of NFPA 70E and OSHA 1910.331-35
 - Understanding the Hazards of Electricity
 - Understanding an Arc Flash Analysis
 - Elements of an NFPA 70 E Program
 - NFPA 70 E Labeling Requirements
 - Electrical Hazard PPE Program
 - Electrical Safety Work Practices

Workshop Presenters:

Michael D. Wright
 President, 70E Solutions

Michael Wright is a recognized expert on the implementation of successful NFPA 70E programs. He passionately supports the importance of how the industry confronts NFPA 70E challenges and in response, Mike has put in motion an innovative, energized training corporation. Mike was a General Session Speaker at the 2006 NPRA Safety Conference. He has worked with many companies, large and small, helping them understand and comply with NFPA 70E.

Scott Margolin
 International Technical Director, Westex, Inc.

Scott M. Margolin is the International Technical Director for Westex Inc., a world leader in flame resistant fabrics. He has been involved with flame resistant clothing for more than 20 years. He was a firefighter for six years, and worked for a large chemical company for 10 years, including leading their flash fire business, before joining Westex in 2000. Mr. Margolin has conducted more than 2,900 laboratory flash fires and more than 800 electric arc flashes to evaluate flame resistant clothing, and has extensive experience with industrial thermal hazards, body burn, and the appropriate use of protective clothing.

Photograph courtesy of
 Shell Deer Park

General Session

Presider:

Fritz Kin

Marathon Petroleum Company LLC

Welcome and Opening Ceremony

Willis Jernigan

Koch Industries

Keynote Address

Industry Outlook

Jerry Thompson

President, Texas Eastern Products

Pipeline Company

Motivational Speaker

Be the Best You Can Be

Rocky Bleier

Rocky Bleier's life story – a gripping tale of courage on both the football fields of America and the battlefields of Vietnam – has held audiences in rapt attention for years. Yet, the motivational message behind it, detailing how ordinary people can become extraordinary achievers, defines success in the 21st century.

Regulatory Update

Dr. Sam Mannan

Director of the Mary Kay O'Connor

Process Safety Center

Presentation by a Distinguished Safety Award Recipient

To be announced

12:00 noon – 1:30 pm

Lunch in the Exhibit Hall

1:30 pm – 3:00 pm

Workshops: Tracks 1-5

3:30 pm – 5:00 pm

Workshops Repeated: Tracks 1-5

5:00 pm – 6:30 pm

Reception in Exhibit Hall

Workshops

Track 1 –

Management Systems

Managed Fall Protection Programs: A Case Study

Randy Truett, Marathon Petroleum Co.

Tracey Riepenhoff and Kim Messer,

LJB Inc.

Although the revised ANSI Z359 standard has not yet been published, many forward-thinking companies are already adopting elements of the standard to create a safer work environment. This presentation will begin with a brief review of a comprehensive managed fall protection program as outlined in the draft Z359.2 standard.

BP Texas City –

Next Generation of eMOC (Invited)

Rob DiValerio, BP

David Drerup, Data Systems & Solutions

Several BP refineries, including Texas City, have rolled out an enhanced eMOC and corrective action solution. This paper will focus on the benefits derived and lessons learned in implementing an eMOC/Corrective Action solution across a large organization.

We Created an Improved Reporting Culture and Now What?

Dave Pruner, Citgo Petroleum Company

Jeannie Midkiff and Joe Stough,

Syntex Management Systems, Inc.

CITGO has established a reporting culture where all incidents (no matter the level of consequence) and near misses are reported, tracked and analyzed. The company will discuss the process of how it got here, steps it took and what it will do to move to the next level.

Track 2 –

Safety Culture & Leadership

Employee Participation – The Key to Safety

Ralph Edwards, Bruce Fournier, and

James McKnight, Chevron Phillips

Chemical Co.

Chevron Phillips, Port Arthur petrochemical plant's Reinforcement Based Safety (RBS) program is a 100% voluntary computer-based program. The program was developed by a composite Management/Union employee team. During the year 2006 91% of its employees participated by documenting an observation of employee behavior, participating in a safety activity, or by finding a hazard.

The V-P's for Organizational HSE Excellence

Melvin LeBlanc, SGS North America Inc.

This presentation will outline the V-P's of [HSE] excellence: Vision, Policy, Planning, Procedure, Personnel, Performance, Publishing, and Patience. Each element of the V-P's will be explained, thus enabling the participants to take away practical examples for establishing or verifying that excellence is incorporated in their organizational [HSE] systems.

How Behavior Based Safety Can Change A Workplace to a Culture That "Actively Cares"

R. Bruce Williams, Ph.D., ENSRIAECOM

During this presentation, the following issues will be discussed: presentation of data that resulted from the implementation of Behavior Based Safety (BBS); demonstration of how the client and ENSR have achieved One Year without a recordable incident; how to maintain a "Zero Injuries" Culture; how BBS can change a workplace to a culture that "Actively Cares."

continued on page 5

Workshops (continued)

**Track 3 –
Recognizing Hazards**

Gray Matter(s)

James Stephanou, Bayer Corporation

This presentation examines many interesting incidents and provides an interactive presentation and training session with a common understanding of the root cause and the need for Gray Matter(s). Many accidents will end in a root cause of people operating or ending up in a Gray Zone and hence as a mitigating approach, using more Gray Matter as the final corrective action.

Techniques for Hazard Recognition for the Line Organization

David Coble, CTJ Safety Associates

This session will include a description of the most useful hazard recognition techniques for the line organization and an opportunity to practice those techniques using slide photographs.

**Track 4 –
Risk Assessment**

The Value of Layer of Protection Analysis (LOPA) in Assessing Safety Integrity Levels (SILs)

Angela Wong, Philippe Guillard, and Kerry Kelly, Dyadem

This presentation will feature how LOPA can be applied in evaluating true overall SIL values to generate more effective risk management practices. A sample case study will be presented to show how reliability data is captured and used in risk analysis and evaluation, including recommendations for safeguards and mitigating measures to improve the SILs.

Applications of Safety Instrumented Systems

Naren Malhotra and Stephen Grzywa, CITGO Lemont Refinery

In 2002, CITGO Petroleum Corporation developed its internal standard, CSS-113, for application of Safety Instrumented Systems in its refineries. CSS-113 is based on industry standards ANSI/ISA 84.01-1996 and the IEC-61151-3-3 Ed.1. This paper provides information about various applications of this standard within the Lemont Refinery, ranging from the fluidized catalytic cracker, the gasoline hydrotreater, flare load reduction and burner management systems for sulfur recovery units, boilers, and process heaters.

**Track 5 –
Fire Protection & Emergency Response**

Utilization of New Hurricane Timeline Tools

Chris Hebert and Fred Rogers, ImpactWeather, Inc.

Many offshore operators need very long lead times to prepare for a potential hurricane, something not provided by the NHC (National Hurricane Center) in their daily outlooks, which only address development potential over the next 24-36 hours. This presentation will examine new hurricane timeline tools developed that address these concerns.

Fire Fighting Training Plans – How do I Decide?

Gordon Lohmeyer, Texas Engineering Extension Service (TEEX)

A significant fire event can impact how the supply and distribution chain functions. Considerations must be taken on how to protect our people, the environment, surrounding communities and the company's assets. There is no better defense against fire than to plan, staff and train a response team.

Right Sizing Fire Protection

Stephan Haines, Risk, Reliability and Safety Engineering

In this paper, the author discusses two recent case histories where the cost-benefit analysis approach was utilized. In one case, this approach was utilized to identify an appropriate balance of fire prevention and suppression measures for a global corporation that processes metal ore using flammable and combustible liquids. In the second case, the cost-benefit approach was utilized to establish a corporate standard on fire suppression for a liquefied natural gas (LNG) processing company.

General Session

8:00 am – 12:00 pm

Presider:

Fritz Kin

Marathon Petroleum Company LLC

Keynote Address

Putting in Place an

Audit Program Post Texas City

Jim O'Brien

VP Audits, BP

Security Topics for the

Refining & Petrochemical Industry

Bill Koch

Air Products & Chemicals

Optimizing Turnaround Safe

Work Permit Process

Dino Arias and Glenn Rodighiero

Citgo Petroleum Company

Michael Mee

MWH Americas, Inc.

In an effort to increase the safety awareness level and performance of contractor crews and reduce the amount of non-productive time associated with Safe Work Permit (SWP) issuance, the CITGO Turnaround Safety Team initiated a streamlined SWP process for the FCC Unit (Reactor/Regenerator and Orifice Chamber and CO Boiler and Precipitators only). By utilizing the Pre-Job process, the level of communication between all involved greatly improved. The improved communication increased the overall safety awareness level and performance of the work conducted during the FCC turnaround, while at the same time dramatically decreasing the amount of down time spent by contractor employees waiting to be issued a SWP.

Lessons Learned

**Emergency Block Valves –
Preventing a Catastrophe**

Mary Burns, CITGO Petroleum Corp.

API provides a good road map for requiring, selecting, and fireproofing an emergency remote operated block valve (EROBV). But because these valves, the processes they serve, and their installation often cross many specialty areas; engineering, piping, electrical, instrumentation, insulation, operations, and safety, it can be hard to make sure that their function and protection meet all the real world requirements. This presentation will help you answer these questions and learn from the recent experience of a refinery. Do you have what you need? Can you prevent a PSM catastrophe?

Fire in a Maleic Anhydride Unit

Ken Bloch, Flint Hills Resources

12:00 pm – 1:30 pm

Lunch in the Exhibit Hall

Passport Program

1:30 pm – 4:00 pm

**Workshop/ Discussion Groups –
Tracks 1-4**

6:00 pm – 9:30 pm

Safety Awards Reception & Banquet

Willis Jernigan

Koch Industries

Master of Ceremonies

NPRA Safety & Health Committee Chair

James Mahoney

Koch Industries

Vice President, Operations

NPRA Chairman of the Board

Workshops

Track 1 – Contractor Safety

Turnaround Safety

Process Improvements

Charles O'Brien and Ryan Nitzel,

CITGO Refining & Chemicals, L.P.

CITGO, Corpus Christi Refinery dramatically altered its turnaround safety processes two years ago, in response to increases in the numbers and severity of incidents. Since then, the refinery has had no recordable injuries through two major turnarounds and several smaller outages, contributing to the best safety record in the history of the facility.

Contractor Safety and

Training Panel Discussion

Bill Walker, Lyondell Chemical Company

Mike Blundell, Repcon Inc.

Tony Huval, Brock Enterprises

Charles O'Brien and Ryan Nitzel,

CITGO Refining & Chemicals, L.P.

Track 2 – Facility Siting

Facility Siting Potpourri

John Alderman, RRS Engineering

API 752/753 Task Force Update

Bill Erny, API

Facility Siting Panel Discussion

John Alderman, RRS Engineering

Greg Sapp, ConocoPhillips

Bill Erny, API

Track 3 – Employee Involvement

Topic TBD

Ronnie Meyers, Georgia Gulf

Panel Discussion

Ronnie Meyers, Georgia Gulf

DSA Award Winner Representatives

Track 4 – Emergency Response

Certification versus Non-Certification

Gordon Lohmeyer and Robert Moore,

TEEX

**Combining Confined Space and Fall
Protection Rescue Response Training**

*Michael Roop, ERM (Environmental
Resources Management)*

Exhibitor List

As of January 10, 2007

Auburn Manufacturing, Inc.
Bustin Industrial Products
BW Technologies
Campbell Fittings
CAR-BER Testing Services
Certified Safety Specialists
Data Systems & Solutions
Delta Structural
Elkhart Brass
ES&H Turnaround Services, Inc.
FabEnCo., Inc.
Hawk-IR Inc.
Health Resources
Impact Weather
Industrial Scientific Corp.
InServ-Integrated Service Company, LLC
(formerly Port City Industrial Services)
Maxxstar/Newton Manufacturing Co.
Milliken and Co.
Notoco Industries LLC
Process Map Corporation
RRS Engineering
SAFER Systems
Syntex Management Systems, Inc.
Technip Offshore Contractors, Inc.
TEEX Texas A&M Univ. Fire School
UNR Fire Science Academy
Weltech Safety Services
Westex Inc.
WSI Total Safety

More to Come!

Certifications Points

Certified Safety Professional (CSP)

The Board of Certified Safety Professionals will grant CSP Continuance of Certification (COC) points for attendance at the National Safety Conference without pre-approval. Fifty percent of a conference program must be safety-related, i.e., contain subjects covered on the CSP examination, to qualify for COC points. Since it is two full days in length, CSPs can earn one full COC point for attendance.

The responsibility for applying for these points lies with the individual CSP. NPRA will provide the necessary receipt on-site for the convenience of the registrant.

American Board of Industrial Hygiene (ABIH)

NPRA is currently requesting ABIH to grant certification maintenance (CM) points. Further details will be available in the final program.

Sponsorship Opportunities

A limited number of sponsorship opportunities are still available. Sponsorships provide valuable marketing benefits, including publicity in the final program, special recognition during the conference, and other high visibility exposure to attending safety professionals and others. Contact Lynne Schoenbeck, lschoenbeck@npra.org, for more information.

Vendor Passport Program

Once again, this year's exhibition will feature the Vendor Passport Program. By visiting the participating suppliers and consultants, you will learn about their latest products and services, and also have the opportunity to receive special giveaways donated by the exhibitors. Pick up your "passport" at registration and get it stamped at the booths for your chance to win.

How to Register

1. Conference Registration and Tickets

Log on to www.npra.org and select "Meetings", "Future Conferences", "2007 National Safety Conference" then "Register Now" or complete the enclosed registration form. Full registration includes admission to the General and Breakout Sessions, and the Reception and Luncheons Wednesday and Thursday in the exhibit hall. Order tickets for the Safety Awards Reception and Banquet. Refer to the registration form for conference and ticket fees. On-line registration closes April 23.

You'll save \$100 if you register by April 3!

2. Hotel Reservations

Reserve your hotel on-line when you register at www.npra.org and receive an immediate acknowledgement of your reservation. Or, fill in the appropriate space on the enclosed registration form. Hotel reservation requests will be processed in the order received by the NPRA. Get immediate acknowledgement on-line but allow 3 weeks if submitted to NPRA.

All reservations for arrival must be guaranteed with a major credit card. In the event that a guest room must be cancelled, it must be done by 6 pm day of arrival to avoid billing for first night's room and tax. Any cancellations or no shows after that time will result in billing for first night's room and tax. April 3, 2007, is the cut-off date for making hotel reservations, cancellations or substitutions through NPRA or on-line. Beginning April 10, 2007, reservations, substitutions, or cancellations must be made through the hotel directly.

3. Spouse Registration

For just \$50, your spouse can join you at the exhibit hall sessions as well as the included business sessions. A separate ticket must be purchased for the Safety Awards Banquet.

4. Payment

Pay by credit card, check or wire transfer. If you register on-line but wish to pay by check or wire please be sure to include your system ID# and name with payment.

5. Travel

AVIS is the official rental car agency for the NSC. Call 800.331.1600 and refer to AWD#:B761399 to receive discounted rates.

6. Confirmation

Your registration will be confirmed via e-mail if you provided us your email address. Otherwise, your confirmation will be sent via U.S. mail.

7. Sponsorships

Show your support for your industry association. Contact Lynne Schoenbeck for sponsorship opportunities at 202.457.0480 or LSchoenbeck@npra.org.

8. Attire

Conference: Business casual (shirts with collars; no ties, jeans, sneakers or shorts). Banquet: Business attire.

Cancellation Policy:

Registration substitution/cancellations must be submitted in writing and faxed to 202.835.0467 or e-mailed to NSC@npra.org. Substitute conference registrations may be made in advance or on arrival with no penalty. Cancellations may be made by April 3, 2007 with no penalty. Written cancellations post-marked, faxed, or emailed between April 4 and April 17, 2007 will receive a refund of fees, less a \$50 processing fee. No refunds after April 17, 2007. No telephone cancellations.

One-day Pass and

Ticket Refund Policy:

Refunds will be made on one-day passes or banquet tickets purchased if request is received in writing by April 17, 2007. No refunds after April 17.

No Suitcasing Please:

Please note that while all meeting attendees are invited to the exhibition, any attendee who is observed to be soliciting business in the aisles or other public spaces, in another company's booth, or in violation of any portion of the NPRA Exhibition Policy will be asked to leave immediately. Please report any violations you may observe to show management.

Registration Policy:

Those who are present at the site of an NPRA meeting and/or occupy a hotel room in the NPRA room block to conduct business with industry personnel gathered for that meeting are expected to register for that meeting and pay the registration fee, whether or not they attend a specific function.

Spouse/Guest Policy:

A guest is a spouse/significant other, friend or an adult child (18 years old or older) who is not in an industry-related occupation. A co-worker, an associate or spouse who works within the industry may not use the Spouse/Guest Registration category. Guests are not permitted to work in an exhibit booth. Children under 18 are not permitted in the exhibit hall.

Fee Policy:

Eligibility for member rates is based on membership information currently on file with NPRA. If your company is not currently a member, the non-member fees will be charged to your credit card.

Step 1: Attendee Profile

Please fill out completely. Badges will be printed from this information.

Name _____

Title _____

Company _____

Address _____

Address _____

City _____ State _____ Zip _____ Country _____

Phone (Area/Country/City Code) _____ Fax (Area/Country/City Code) _____

E-mail _____

This is not a permanent address change.

Spouse/Guest Name (if attending) _____

Check here if you require special needs.
Please attach a description of your needs.

Step 2: Meeting Registration

	By April 3	After April 3
<input type="checkbox"/> Member	\$ 400 _____	\$ 500 _____
<input type="checkbox"/> Non-member	\$ 795 _____	\$ 895 _____
<input type="checkbox"/> Spouse / Guest	\$ 50 _____	\$ 50 _____
<input type="checkbox"/> NFPA 70E Workshop	\$ 125 _____	\$ 175 _____

Thursday

Safety Awards
Banquet Ticket \$ 75 _____ \$ 75 _____

Exhibitor Only One-Day Passes

Member Pass \$ 200 _____ \$ 250 _____
 Non-member Pass \$ 400 _____ \$ 450 _____

Total Amount Due _____

Name of Member Company _____
Not sure if your company is a member? Go to www.npra.org

Register by Fax:

Fax your form with credit card information to 202.835.0467

Register by Mail:

Mail your check to
NPRA
1899 L Street, NW
Suite 1000
Washington, DC 20036

Step 3: Payment Information

Payments to NPRA are not deductible as charitable contributions for federal income tax purposes. However, they may be deductible under other provisions of the Internal Revenue Code.

Check Enclosed (US Dollars only)
 Bank Transfer: Sun Trust Banks, Inc., Washington, DC
Routing #061000104 • Acct #206887906
SWIFT Code – SNTRUS3A
(Please include registrant's name.)

Credit Card
 VISA MasterCard American Express

Credit Card Number _____

Exp. Date _____

Name of person on card (Please print) _____

Signature (Required, authorizing charge & acknowledging cancellation/refund, fee, registration, and spouse policies) _____

Step 4: Hotel Reservation

Housing requests must be accompanied by paid conference registration to be processed. Room rate is \$169 single/double occupancy at the The Woodlands Waterway Marriott Hotel, 1601 Lake Robbins Drive, The Woodlands, Texas.

Arrival Date _____ Departure Date _____

Frequent Guest Number _____

If no dates are indicated, we will assign arrival Tuesday, May 1 and departure Friday, May 4.

Room Type: One Bed Two Beds

Number of People in Room: _____

Room Guarantee: AMEX VISA
 MasterCard Discover Diners

Credit Card Number _____

Exp. Date _____

Signature _____

Special Requests: Smoking Non-smoking
 Disability Other

Register on-line to receive immediate acknowledgement of hotel. April 3 is the final cut-off date to reserve a room. Contact the hotel directly with changes or cancellations beginning April 10, 2007.