# **NPRA National Safety Conference: Advance Program**

Renaissance Austin Hotel Austin, TX May 3 – 4, 2006





# 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 and concurrent workshops. 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.

#### **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 2, 2006	8:00 am – 12:00 noon
		General Session
12:00 pm – 5:00 pm	Exhibitor Move-in	Presider:
	Registration	Fritz Kin
		Marathon Petroleum Company LLC
Wednesday	May 3, 2006	Welcome and Opening Ceremony
		Willis Jernigan
7:00 am - 6:30 pm	Registration	Flint Hills Resources, LP
8:00 am – 11:00 am	Exhibitor Move-in	Keynote Address
		Industry Outlook
8:00 am - 12:00 pm	General Session	Gary R. Heminger
·		President, Marathon Petroleum Company
12:00 pm – 1:30 pm	Buffet Luncheon	
. 2.00 р	Exhibits Open	Motivational Speaker
		Countdown to Teamwork
1:30 pm – 3:00 pm	Concurrent Workshop Sessions	Mike Mullane
1.00 μπ - 0.00 μπ	Conduitent Workshop Ocsaions	wine wunane
3:30 pm – 5:00 pm	Workshops Repeated	Mike Mullane, a West Point graduate,
		was selected as a Mission Specialist
5:00 pm - 6:30 pm	Reception in Exhibit Hall	Astronaut in 1978 in the first group of
	Passport Program	Space Shuttle Astronauts. He completed
		three space missions and logged
		356 hours in Space aboard the Shuttles
Thursday	May 4, 2006	Discovery and Atlantis before retiring
•	• •	from NASA and the Air Force in 1990.
7:00 am – 6:30 pm	Registration	
		Regulatory Update
8:00 am – 12:00 pm	General Session	John Miles
0.00 am 12.00 pm	delibrar edecion	Retired, OSHA Region VI Director
12:00 pm – 1:30 pm	Buffet Luncheon	Hetired, Gol i/ (Hegion VI Bilector
12.00 pm 1.00 pm	Exhibits Open	Presentation by a Distinguished Safety
	Exhibits Open	Award Recipient
1:30 pm – 2:30 pm	Concurrent Workshop Sessions	To be announced
3:00 pm – 4:00 pm	Workshops Repeated	12:00 noon 1:20 nm
3.00 pm = 4.00 pm	Workshops nepeated	12:00 noon – 1:30 pm  Lunch in the Exhibit Hall
6:00 nm 0:20 nm	Cafaty Awards Departion and Rangust	Lunch in the Exhibit Hall
6:00 pm – 9:30 pm	Safety Awards Reception and Banquet	1.00 2.00
		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
		December 1 December 1

Wednesday May 3, 2006

**Passport Program** 

Cover photograph courtesy of Shell Photographic Services, Shell International Ltd

## **Workshops**

### Track 1 – Management Systems

#### **Key Behavior Indicators**

Richard Smullen, Jr. Hovensa LLC

By identifying and translating leading indicators of safety performance to a numerical value or Key Behavior Index (KBI), the refinery was able to improve its recordable injury rate by 50%. This presentation will explain the KBI program and its impact on the refinery's safety programs.

# Leveraging the Compliance Audit as a Tool for Organizational Learning

Jim Colbert
The RETEC Group, Inc.

This presentation will look at results and findings of Health, Safety, Environment (HSE) compliance audits when reported/ presented in the context of institutional learning and corporate risk reduction rather than a punch list of deficiencies and compliance gaps. This presentation will explain the framework for collecting, prioritizing, and reporting HSE audit findings so that the results can be used to characterize operational and regulatory risk within the organization, and to train operations level staff on HSE hazards and safe practices.

# Implementation of a Management System Execution Framework

Scott McGhee
ExxonMobil Corporation

Attendees will be educated on how ExxonMobil is applying a software application tool set to strengthen their execution of various Operations Integrity Management System (OIMS) elements to reduce costs incurred from loss events (injuries, spills, asset damage, shut-downs, etc.) globally.

# Track 2 – Safety Culture/ Leadership:

# 180 Degrees in 180 Days: Seven Principles That Will Transform Your Safety Culture

Ronald Meyers

Georgia Gulf Chemicals and Vinyls, LLC

There may never have been a period in the history of occupational safety when effective leadership was more critical than now. This presentation is about transformation of the safety culture and what leaders of the culture must do to make the transformation a reality.

### **Making Your Safety Culture Work**

Kenneth Tholan
Team Industrial Services, Inc.

Starting in 2003, Team Industrial Services, Inc., made the commitment to develop a culture that would allow and support a process of continual safety improvements. This presentation is about the process segments, programs implemented, and final results and findings.

# Track 3 – Recognizing Hazards:

### Confined Space Entry: Accidental, Unplanned, and Unexpected Sources

Steve Krivan
Chemical Safety Group

This presentation will give several cases of unplanned or accidental confined space entries, including their causes and recommendations for minimizing such events.

#### Fall Hazard Recognition & Mitigation

Tracey Riepenhoff LJB, Inc.

Based on the draft of the new ANSI Z359 standard, presenters will illustrate how a managed fall protection program can be used effectively to address and solve fall-hazard issues. The standard gives particular attention to the processes of identifying hazards and selecting fall arrest anchorages, as will the presenters.

# Techniques for Hazard Recognition for the Line Organization

David Coble
CTJ Safety Associates

This session includes a discussion of the fundamentals of hazard recognition, a review of numerous hazard-recognition techniques useful to the line organization, and practice using those techniques.

# Track 4 – Facility Siting:

### API RP 752 Update

Willis Jernigan Flint Hills Resources, LP

### Facility Siting of Temporary Structures

Representative, The Dow Chemical Co.

# Siting Modeling and Damage Assessment

Representative, Baker Risk

#### Track 5:

# Elements of Effective Presentations – Motivational and Communication Skills for Safety Leaders!

John Drebinger, Jr.
John Drebinger Presentations

Increase your impact while conveying your next safety message. This session will give you the skills to motivate employees to achieve a higher level of commitment to safety.

# Register now: www.npra.org

### 8:00 am - 12:00 pm

### **General Session**

Presider:

Fritz Kin

Marathon Petroleum Company LLC

### **Keynote Address**

Carolyn Merritt
Chair, US Chemical Safety and
Hazard Investigation Board

## NFPA 70E Electrical Safe Work Practices

Michael D. Wright
President, 70E Solutions

#### **Lessons Learned**

### 2005 Hurricanes

James Pursell
Valero Energy Corporation

Mary Burns
CITGO Petroleum Corporation,
Lake Charles Manufacturing Complex

Representative
TOTAL PETROCHEMICALS USA, Inc.

### 12:00 pm - 1:30 pm

Lunch in the Exhibit Hall

### 1:30 pm - 2:30 pm

Workshops Tracks 1-4

### 3:00 pm - 4:00 pm

Workshops Repeated Tracks 1-4

### 6:00 pm - 9:30 pm

### Safety Awards Reception & Banquet

Willis Jernigan
Flint Hills Resources, LLC
Master of Ceremonies
NPRA Fire & Accident Prevention
Committee Chair

James Mahoney
Koch Industries
Vice President, Operations
NPRA Chairman of the Board

## **Workshops**

### Track 1 – Emergency Response

# Lessons Learned From The Athos 1 Spill

Michael Drager CITGO Petroleum Corporation

From the perspective of the Refinery Manager whose dock was the intended destination of the Athos 1, this presentation will cover the lessons learned from the initial response, the clean-up, and the subsequent legal investigations.

## Water Based Vapor Mitigation Strategies

Rick Lewis
Akron Brass Company

In the past 30 years, companies have spent millions to study vapor mitigation. Yet, vapor mitigation is as mysterious today as it was 30 years ago. This presentation will help shed some light on vapor mitigation, using studies, examples, and strategies.

# Track 3 – Current Issues in Occupational Health

# Status of H2S, Naphthalene, PNA, HexChrome

Karen Haase API

### **Human Factors**

Karen Haase API

# Track 4 – Safety and Health Knowledge Session

# Open Discussion Forum – Employee Safety and Health Issues

Please come prepared with questions and information on what you are doing at your facility.

# Track 2 – Contractor Safety

# Grassroots Construction Experience, "Beginning with Success in Mind"

Ronald Tower
CITGO Petroleum Corporation,
Lake Charles Manufacturing Complex

This presentation provides the basic outline for building a comprehensive safety and health management system for a large construction project. Using the CITGO Lake Charles Manufacturing Complex as an example, their project spanned 31 months, cost \$500 million, included 52 contracting companies, and logged in excess of four million hours worked. Yet, the project resulted in one OSHA recordable and was completed within the established work schedule.

# Preparing for the API Tank Entry Certification

Fred Halvorsen Halvorsen EHS Services

This paper will review the new API Tank Entry Certification program and discuss how to prepare workers for the test. Eventually, this certification may become an industry requirement for personnel involved in tank entry and cleaning. The paper will discuss the standards in the body of knowledge and offer guidance in preparing for the test.

#### **Exhibitor List**

As of January 16, 2006

Akron Brass Company Auburn Manufacturing, Inc. **BW** Technologies Bulwark **CAR-BER Testing Services** Data Systems & Solutions Draeger Safety Inc. DuPont Advanced Fibers Systems Elkhart Brass ES&H Turnaround Service, Inc. FabEnCo. Inc. ICU Environmental, Health, and Safety Impact Weather Industrial Scientific Corporation Mapa Spontex, Inc. Nasaco Industries Inc. Port City Industrial Services, LLC **RRS** Engineering SKC Gulf Coast Standard Safety Equipment Company Stewart R. Browne Mfg. TEEX Texas A&M University Fire School Technip Offshore Contractors UNR, Fire School Science Academy WSI Total Safety

More to Come!

Westex Inc.

#### **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 safetyrelated, 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, Ischoenbeck@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.

### 1. Conference Registration and Tickets

Log on to www.npra.org and select "Meetings", "Future Conferences", "2006 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 24.

You'll save \$100 if you register by April 4!

### 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 so 48 hours prior to arrival to avoid billing for first night's room and tax. Any cancellations or no shows without a 48-hour advance notice will result in billing for first night's room and tax. April 4, 2006, is the cut-off date for making hotel reservations, cancellations or substitutions through NPRA or on-line. Beginning April 10, 2006, 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 4, 2006 with no penalty. Cancellations done on-line or written cancellations postmarked, faxed, or emailed between April 5 and April 18, 2006 will receive a refund of fees, less a \$50 processing fee. No refunds after April 18, 2006. 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 18, 2006. No refunds after April 18.

## 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.

# **Registration Form: NSC06**

# Register on-line at www.npra.org Register by April 4th – Save \$100.

Step 1: Attendee Profile  Please fill out completely. Badges will be printed from this information.  Name  Title  Company			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	
			Address				
			Address			Credit Card Number	
City	State	Zip Country	Exp. Date				
Phone (Area/Country/City Code) Fax (Area/Country/City Code)			Name of person on card (Please print)				
E-mail			Signature (Required, authorizing charge & a registration, & spouse policies)	cknowledging cancellation/refund, fee,			
☐ This is not a perm	nanent address chang	e.					
			Step 4: Hotel Reservation				
Spouse/Guest Name (if attending)			Housing requests must be accompanied by paid conference				
☐ Check here if you	require special needs	S.	_	registration to be processed. Room rate is \$147 single/			
Please attach a d	escription of your need	ds.		\$157 double occupancy at the Renaissance Austin Hotel,			
			9721 Arboretum Boulevard, Aus	stin, Texas.			
I am a: (please ch	neck one)						
☐ Safety Professiona			Arrival Date	Departure Date			
□ Plant Workforce			/ Wive Date	Bopartalo Bato			
□ Vendor			If no dates are indicated, we wi	Il assign arrival			
☐ Corporate / Facility Management			If no dates are indicated, we will assign arrival Tuesday, May 2 and departure Friday, May 5.				
	y Management		ruesday, May 2 and departure	Friday, May 5.			
□ Other							
			_ Room Type: ☐ One Bed	I □ Two Beds			
Step 2: Meeting Reg	gistration		Number of People in Room:				
			Room Guarantee: ☐ AMEX	□ VISA			
	By April 4	After April 4	☐ MasterC	ard □ Discover □ Diners			
□ Member	\$ 400	\$ 500	Credit Card Number				
□ Non-member	\$ 795		_				
☐ Spouse/Guest	\$ 50		Exp. Date				
Thursday			Signature				
☐ Safety Awards			Special Requests:   Smoking	•			
Banquet Ticket	\$ 75	\$ 75	_ □ Disability	∪ □ Other			
Exhibitor Only On	e-Day Passes		Register on-line to receive imme	ediate acknowledgement			
☐ Member Pass	\$ 200	\$ 250	_	_			
□ Non-member Pas		\$ 450		Contact the hotel directly with changes or cancellations after			
		•	April 10, 2006.	3			
Total Amount Du			Register by Fax:	Register by Mail:			
			Fax your form with credit card	Mail your check to			
			information to 202.835.0467	NPRA			
Name of Member Company			inionnation to 202.000.0407	1899 L Street, NW			
INOL Sure II your company is a	member? Go to www.npra.org			Suite 1000			
				Washington, DC 20036			