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.

Joint NPRA/API Safety Workshop – OSHA’s Petroleum Refinery Process Safety Management National Emphasis Program (NEP)

On June 7, 2007, OSHA released their National Emphasis Program for inspecting petroleum refineries. There are 111 refineries in the United States, through this directive every refinery will be inspected, either through a VPP inspection or through the NEP. This workshop will give the attendee guidance on how to prepare for an NEP inspection, let them know what will happen when OSHA arrives, and lastly, there will be a discussion on whether this program is making our facilities safer.

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 6, 2008**

11:00 am – 5:00 pm  Registration  
12:00 pm – 5:00 pm  Joint NPRA/API NEP Workshop  
Exhibitor Move-in  

**Wednesday May 7, 2008**

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 8, 2008**

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 – 3:00 pm  Workshop / Discussion Groups  
6:00 pm – 9:30 pm  Safety Awards Reception and Banquet  

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**Tuesday May 6, 2008**

12:00 pm – 5:00 pm  
Joint NPRA / API Safety Workshop  
OSHA National Emphasis Program (NEP)  

Through expert presentations and operating company panel discussions, this workshop will aim to answer the following questions for attendees:

- What is the current state of the program from OSHA’s point of view?
- How do you prepare for a NEP inspection?
- What is going to happen when OSHA arrives?
- Breaking new ground, is it making us better?

Cover photograph courtesy of Marathon Ashland Petroleum, LLC.
Workshops

Track 1 – Process Safety Management
Presider: Bill Walker, LyondellBasell Industries
Using the Last Several Years of QHSE Data to Improve the Next Several Years of QHSE Performance
Laura Schock, Valero Refinery Company
Joe Stough, Syntex
This session will dive into the hot topic of Leading Indicators and how combining a large global data set with fundamental statistical methods can result in finding those factors which truly affect performance outcomes and the mathematical support to prove it.

Application of a Risk Index System and Layer of Protection Analysis for Determining Petrochemical Occupancy Life Safety Egress Requirements
Thomas Rodante and Kelly Mansfield, Baker Engineering and Risk Consultants
This presentation will describe an Emergency Egress Risk Index System as an alternative approach to the NFPA Life Safety Codes®. While NFPA guides do exist for performance-based analysis, none were written for an industrial application. A Layer of Protection is then used to evaluate alternatives for obtaining an acceptable resultant risk level.

Track 2 – Fitness for Duty
Presider: Joe Thurm, Sunoco Inc.
Practical Steps for Addressing Fitness-for-Duty
Bonnie New, Health Resources
When an employee's physical or psychological problems affect workplace productivity and safety, employers have two conflicting obligations: they must protect the workplace and their workers from harm as well as consider the needs of the affected employee. As a result, an employer's best course of action is often not clear and numerous parties are often involved that further complicate the process. In this discussion, Dr. Bonnie New, a medical consultant to petrochemical industries, will share practical steps in the difficult process of ensuring fitness-for-duty.

Forecasting Fatigue to Manage Human Performance Risk
Steven R. Hursh, Ph.D., Johns Hopkins University School of Medicine
This presentation will emphasize the value of using a "fatigue model." Thirty percent of accidents involve human factor errors, and experts agree that fatigue remains an important contributor to these errors. While there is no blood test for fatigue, recent advances in fatigue modeling provide an objective way for industries to predict and assess fatigue.

Wednesday
May 7, 2008
8:00 am – 12:00 pm
General Session
Presider: Fritz Kin
Marathon Petroleum Company, LLC
Welcome and Opening Ceremony
Bill Walker
LyondellBasell Industries
Keynote Address
Norm Phillips
President, Fuels
LyondellBasell Industries
Motivational Speaker
John Nance
John J. Nance, a native Texan who grew up in Dallas, holds a Bachelor’s Degree from SMU and a Juris Doctor from SMU School of Law, and is a licensed attorney. Named Distinguished Alumni of SMU for 2002, he is also a decorated Air Force pilot veteran of Vietnam and Operations Desert Storm/Desert Shield and a Lt. Colonel in the USAF Reserve, well known for his involvement in Air Force human factors flight safety education. John is an internationally recognized air safety analyst and advocate, best known to North American television audiences as Aviation Analyst for ABC World News and Aviation Editor for Good Morning America.
Dealing with an Aging Work Force – Rethinking How We Work?
Geoffrey Swett
ARCADIS
Secrets of DSA Winners
To Be Announced
12:00 pm – 1:30 pm
Lunch in the Exhibit Hall
1:30 pm – 3:00 pm
Workshops: Tracks 1-4
3:30 pm – 5:00 pm
Workshops Repeated: Tracks 1-4
5:00 pm – 6:30 pm
Reception in Exhibit Hall
Register now:
www.npra.org
continued on page 5
Track 3 – Emergency Response
Presider: Randy Patton, Valero Refining Company

Mitigation Strategies for Dangerous Vapor Clouds
Rick Lewis and Mike Plyer, Akron Brass Co.

Plants have spent millions installing complex mitigation systems. However, vapor mitigation is as mysterious today as it was 30 years ago – there are as many definitions for vapor mitigation as there are plant response personnel. This presentation will analyze and describe several proven strategies for mitigating dangerous vapor clouds.

Playing With Fire, Know Your Options
George Quick, University of Nevada, Reno Fire Science Academy

This presentation and discussion will cover the basic strategic and tactical options available for the combating of flammable liquid fires. The emphasis will be placed on offensive type operations. There will be an examination of the various tactics available to conduct offensive operations. The tactical options will be presented using a risk benefit model. The intent is to ensure that supervisors understand the risk associated with various fire fighting operations.

Track 4 – Safety Management / Personal Safety
Presider: Ben Manns, ExxonMobil Corporation

Positive Effects of a Fall Protection Program: A Case Study
Kevin Wilcox, LBJ Inc.

When implementing a comprehensive managed fall protection program, the ultimate goal is clearly to create a safer environment for workers. But, how does a work environment transition from a reactive, ineffective program into a robust and proactive one?

The objective of this presentation is to assist attendees in implementing a safety program that goes beyond the specific program being implemented and truly engages employees to create a safety-conscious culture.

Innovations in Human Error Reduction – Techniques Used by Professional Athletes and Air Traffic Controllers
Barry Beder, Health Resources Corp.

This presentation will present a skills-based behavioral training program that takes the science of “focus” to a new level. The presenter will describe the theory and application of an innovative human error reduction program with proven results. Additionally, the presentation will discuss how to overcome the distractions caused by stress and complacency, two risk factors leading to increased human error.
**General Session**

8:00 am – 12:00 pm

*Presider:* Fritz Kin
Marathon Petroleum Company, LLC

*Keynote Address*
Chemical Safety Board Update
The Honorable William E. Wright, Board Member, CSB

*Five Practical Hazard Recognition Techniques for the Field Employee*
David Coble, CTJ Safety Associates

*Security Update*
Fritz Kin, Marathon Petroleum Co., LLC

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**Lessons Learned**

Spent Caustic Storage Tank Explosion and Fire in a Petroleum Refinery
Kim Bloch, Flint Hills Resources, LP

Lesson's Learned from The McKee Refinery Incident
Representative, Valero Refining Company

12:00 pm – 1:30 pm

Lunch in the Exhibit Hall Passport Program

1:30 pm – 3:00 pm

Workshop / Discussion Groups – Tracks 1-4

**Open Discussion Forum – Employee Safety and Health Issues**

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

6:00 pm – 9:30 pm

Safety Awards Reception & Banquet
Bill Walker
LyondellBasell
Master of Ceremonies
NPRA Safety & Health Committee Chair

Norm Phillips
President, Fuels
LyondellBasell
NPRA Chairman of the Board

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**Workshops / Open Discussion Forum**

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

**Track 1 – OSHA’s National Emphasis Program**

*Presider:* Eddie Seal, TOTAL PETROCHEMICALS

Experiencing the NEP Review and Panel Discussion
Mary Burns, CITGO Refining & Chemicals
Bobby Fischer, TOTAL Petrochemicals
Tina Drumheller, Frontier Refining

**Track 2 – Contractor Qualification**

*Presider:* David Carlin, Bay Ltd.

The Dos and Don’ts of Contractor Prequalification
John Moreland, PICS

Contractor Management Best Practices
Dag Yemenu, ISNetworld

Panel Discussion
Tony Huval, Brock Group
John Moreland, PICS
Dag Yemenu, ISNetworld

**Track 3 – Employee Involvement**

*Presider:* Ronnie Meyers, Motiva Enterprises

Safety Involvement Teams
Fred Wohnar, Georgia Gulf

Ideas for Employee Involvement
AC Adams, ExxonMobil

**Track 4 – Process Safety**

*Presider:* Bob Loveless, ConocoPhillips

Chemical Cleaning – Process Equipment and Tankage
Ron Tower, Citgo Refining & Chemicals

Process Safety Metrics
TBA

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Register now: www.npra.org
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.

Exhibitor List
As of January 18, 2008

3M OHESD
Akron Brass Company
Auburn Manufacturing, Inc.
Bulwark Protective Apparel
BW Technologies by Honeywell
Campbell Fittings, Inc.
CAR-BER
Certified Safety Specialist
DISA Inc.
DuPont Company
Elkhart Brass
FabEnco, Inc.
Health Resources Corporation
ImpactWeather, Inc.
Industrial Scientific Corp.
Inserv-Safety Services
LJB Inc.
MAPA Professional
Pac West Supply
PuroSafery
PRR Engineering
SAFER Systems
Symflex Management Systems, Inc.
Technip-Coflexip Division
TEEX ESTI
Total Safety U.S., Inc.
WellsTechSafety & National Training
Westex Inc.
Workrite Uniform Company

More to Come!
How to Register

1. Conference Registration and Tickets

You’ll save $100 if you register by April 8!

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 2 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 8, 2008, is the cut-off date for making hotel reservations, cancellations or substitutions through NPRA or on-line. Beginning April 15, 2008, 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 name and conference 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 email 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 may be made on-line, 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 8, 2008 with no penalty. Written cancellations postmarked, faxed, or emailed between April 9 and April 22, 2008 will receive a refund of fees, less a $50 processing fee. No refunds after April 22, 2008. 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 22, 2008. No refunds after April 22.

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.

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<tr>
<th>Name</th>
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- Check here if you require special needs. Please attach a description of your needs.

### Step 2: Meeting Registration

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<td>OSHA NEP Workshop</td>
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**Thursday**
- Safety Awards: Banquet Ticket $75
- Exhibitor Only One-Day Passes
  - Member Pass: $225, Non-member Pass: $450

**Total Amount Due**

### 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)
- [ ] VISA
- [ ] MasterCard
- [ ] American Express

### Step 4: Hotel Reservation
Reservation requests must be accompanied by paid conference registration to be processed. Room rate is $189 single/double occupancy at the The Woodlands Waterway Marriott Hotel, 1601 Lake Robbins Drive, The Woodlands, Texas.

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<td>Room Guarantee</td>
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If no dates are indicated, we will assign arrival Tuesday, May 6 and departure Friday, May 9.

- [ ] One Bed
- [ ] Two Beds

### 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