

National Occupational & Process Safety Conference and Exhibition

Advance Program Hyatt Regency Austin





Superior Safety is Fundamental to Business Success

The National Occupational and Process Safety Conference features an overview of both occupational and process safety challenges affecting the petroleum refining and petrochemical manufacturing industries. It assembles 450 individuals from industry with responsibility for health/safety, process safety, industrial hygiene, safety procedures, training, fire protection, emergency response, incident reviews, safety regulations and safety management. Leading industry experts provide attendees with tangible practices, insights, and learning opportunities to improve safety performance at their site and company. Topics include Industry Benchmarking and Learnings from API Process Safety Site Assessments, Process Safety Accountability and Leadership, Human Reliability, Lessons Learned, Fall Protection, Industrial Hygiene, Process Safety Metrics, Employee Involvement, and Facility Siting of Tents. The National Occupational & Process Safety Conference provides attendees an excellent opportunity to increase their knowledge, share best practices, and network with industry experts.

Vendor Exhibition

The Occupational & Process 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 40 vendors exhibit during the conference.

Safety Awards Event

AFPM is pleased to honor those who meet and continue to meet safety standard excellence at our Safety Awards Event being held at ACL-Live in downtown Austin. This special venue is home to the longest running musical program on television – Austin City Limits. AFPM will be bringing you the "sounds of Austin" live and direct from center stage. Please join us in celebrating the achievements of your company and industry by attending this year's event.

SCHEDULE OF EVENTS

Monday	May 11, 2015
12:00 pm – 5:00 pm	Exhibitor Move-in
12:00 pm – 5:00 pm	Registration
1:00 pm – 5:00 pm	Preconference Workshop API Process Safety Site Assessment Program – Key Observations from Site Assessors
Tuesday	May 12, 2015
7:00 am – 6:30 pm	Registration
8:00 am – 11:00 am	Exhibitor Move-in
8:00 am – 12:00 pm	General Session
12:00 pm – 1:30 pm	Lunch in Exhibit Hall
1:30 pm – 3:00 pm	Concurrent Breakout Sessions Process Safety Culture and Leadership Industrial Hygiene Fall Protection Process Safety
3:30 pm – 5:00 pm	Breakout Sessions Repeated
5:00 pm – 6:30 pm	Reception in the Exhibit Hall
Wednesday	May 13, 2015
7:30 am – 4:00 pm	Registration Open
8:00 am – 12:00 pm	General Session
12:00 pm – 1:30 pm	Lunch in the Exhibit Hall
1:30 pm – 3:00 pm	 Concurrent Breakout Sessions Employee Involvement Industrial Hygiene's Roll in Process Safety Management Top 10 Things for a Successful Contractor Workforce Facility Siting of Tents API RP 756

6:00 pm – 9:00 pm

Safety Awards Event

PRECONFERENCE WORKSHOP

1:00 pm – 5:00 pm

Presiders: *Fritz Kin*, Marathon Petroleum Corporation

API Process Safety Site Assessment Program - Key Observations from Site Assessors

The API Process Safety Site Assessment Program was developed in 2011 as part of the AFPM and API Advancing Process Safety Programs. To date, the API Site Assessment program has assessed over 30 US refining sites against industry developed protocols covering; Process Safety Leadership, Management of Change, Mechanical Integrity, Safe Work Practices, Operating Practices, Facility Siting, Process Hazards Analysis, and HF Alkylation/RP 751. The assessors are industry experts in the field and average over 35 years of industry experience. The workshop will include trend analysis from the API Process Safety Site Assessments as well as presentations by the assessors regarding observations and good practices they have seen when conducting the assessments. The session will include an open Q&A session between audience members and the assessors.

Topics

Program Overview – Industry Trends and Observations

Andrew Broadbent, American Petroleum Institute

Process Safety Leadership and Safe Work Practices

Ron McGihon, Carmagen Engineering, Inc.

Operating Practices *Dave Fisher*, Carmagen Engineering, Inc.

Mechanical Integrity

John Reynolds, Intertek/Moody Chad Patschke, Ethos Mechanical Integrity Solutions, LLC

Management of Change and Process Hazard Analysis

Mike Smith, HF Alkylation Consultants, LLC

GENERAL SESSION

8:00 am – 12:00 pm Presider: *Fritz Kin,* Marathon Petroleum Corporation

Welcome

Willis Jernigan, Flint Hills Resources, LP Chair, AFPM Safety & Health Committee



David Lamp

Keynote Address

David Lamp, President and Chief Executive Officer Northern Tier Energy GP, LLC

Motivational Speaker

Target Leadership Safety Culture Keynote

Wes "Dahmer" Sharp, Target Leadership

Leadership creates and maintains the culture of the workplace, and the workers work within the norms of that culture. Leadership must set expectations high and then monitor the performance of those expectations. Expectations will simply come as a byproduct of operational excellence, and operational excellence will come as a byproduct of superb, value-based leadership.

Dahmer's message inspires us to think and strive to improve our behavior and actions, by appreciating who you are as a leader. The concept of speed-rushbaseline will hit home with all levels of leadership. Dahmer's personal story of



Wes "Dahmer" Sharp, Target Leadership

surviving a mid-air collision with another F/A-18 fighter is very powerful when discussing "pressures to perform" in the work place.

Like aviation, when workers recognize a degradation in operational excellence (poor check list usage, failure to brief properly, cutting corners, improper use of procedure(s) / equipment, etc) then fail to "speak up" and communicate due to any number of reasons (complacency, not my job, someone else will fix it, etc.) at the very least we lose efficiency, at worst we lose a life.

Manufacturing Leadership: "Back to Basics"

Todd Monette, LyondellBasell Industries

This presentation will provide the linkage between the manufacturing principles being used at our sites and the personal skills needed to drive results.

DSA Presentations

12:00 pm – 1:30 pm Lunch in the Exhibit Hall

1:30 pm – 3:00 pm

Breakout Sessions: Track 1-4

3:30 pm – 5:00 pm

Breakout Sessions Repeated: Tracks 1-4

5:00 pm – 6:30 pm Reception in Exhibit Hall

BREAKOUT SESSIONS

Track 1 –

Process Safety Culture and Leadership Presider: Jerry Forest, Celanese, Ltd.

The Future of Safety: Timely Lessons from Neuroscience

Susan Koen, RoundTheClock Resources, Inc. Vip Vyas, Alchimi Asia Ltd.

AFPM members have been investing heavily in improvements for both process and occupational safety, utilizing thousands of training programs, safety processes, audits and so-called "failsafe" devices as well as considerable top management time and attention. Despite these efforts, many member organizations have returned mixed results when it comes to overall safety performance. Is it possible that some fundamental blind spots are at play, limiting safety performance across the industry? Drawing on leading-edge research in the field of neuroscience, this session will look at safety performance through a new lens.

Track 2 –

Industrial Hygiene Presider: *Karen Jones*, Total Petrochemicals & Refining USA, Inc.

H2S Monitoring Problems William Crowe, Total Safety U.S., Inc.

Fit for Duty Panel

Track 3 –

Fall Protection Presider: James Scialabba, Styrolution America LLC

Working Safely at Height – Rope Access

Loui McCurley, PMI/Vertical Rescue Solutions

Falls from height consistently rank among the top three leading causes of work related deaths across all industries in the USA (top 5 in Oil & Gas). Empirical data and research suggest that traditional approaches to fall protection have not significantly reduced the mortality rate. This presentation explores various approaches to fall protection and discusses the potential cost - benefit of requiring higher levels of competence, supervision, management, and personal responsibility in work at height.

Reducing Fall Risk with Pre-Turnaround Training: A Case Study

Tracey Riepenhoff, LJB Inc. *Fritz Kin*, Marathon Petroleum Corporation

Due to the high volume of work and number of people working at heights, turnarounds can present a high level of safety risk to an organization. This presentation will showcase how one organization reduced risk by coordinating a pre-turnaround training program specific to fall protection concerns, which included general fall prevention and protection topics, as well as turnaround-specific risks and abatement solutions. This presentation will be co-presented with representatives from both the organization and its consultant, who worked together to develop and deliver the training.

REGISTER NOW AT AFPM.ORG

Track 4 –

Process Safety Presider: *Tom Myers*, LyondellBasell Industries

Lessons Learned from the AFPM Midwest Process Safety Regional Network's PHA Exercise

Michael Vopatek, LyondellBasell Industries

In this workshop we will compare and contrast different approaches to execute a Process Hazard Analysis. Two nonspecific, simple chemical processes were used to allow participants of many companies to speak on common terms around all aspects of PHA's. The workshop will discuss team membership, software, facilitation, successfully implementing a consistent risk guideline, follow up items, and other relevant PHA challenges.

Is Your Management of Change Process in Need of Redesign?

Ray Ralph, Western Refining Company Geoffrey Swett, E.Vironment, LP

This presentation, while focused on one specific facility, will highlight lessons learned at many facilities that have either redesigned their MOC process or realized that gaps exist in the current process. The presentation will include common challenges with existing MOC processes, how to determine if your process could be improved, means to go about redesigning the process and the training, tools and implementation effort to have the new process adopted by the engineering, maintenance and operating staff.

GENERAL SESSION

8:00 am – 12:00 pm Presider: *Fritz Kin*, Marathon Petroleum Corporation

Keynote Address

Focusing on the Important, Not the Statistic

David Erfert, Refining Business Improvement Manager, Phillips 66

This presentation will discuss how senior leaders focusing on incidents with significant potential, versus "recordable injuries" is leading to game-changing safety performance.

Regulatory Update

Mark Dreux, Arent Fox LLP

This presentation will provide a regulatory update addressing the important recent safety and health developments affecting the refining and petrochemical industry and includes OSHA and EPA's actions to modernize the PSM and RMP rules.

Tank Incident Learnings: 2 Events at the Same Site

Dawn Wurst, Flint Hills Resources, LP

Learn about two hydrocarbon/air mixture incidents which occurred at Flint Hill Resource's Pine Bend, Minnesota refinery, one of which resulted in a tank explosion. The presentation will include event details and lessons learned.

Human Reliability

Rob Fisher, IT, Inc.

Human Reliability, under the science of Human Performance, explains why people do what they do, and why it makes sense to them at the time. By understanding the interaction with an individual on a task of the people, programs, processes, work environment, organization and equipment, and by understanding their mental model, we can more effectively predict the likelihood of an error or event.

PRV Inlet Line Failure Due to Deadleg Corrosion Steven Bolinger, BP

A high pressure hydrogen gas line ruptured resulting in a fire at the BP Whiting refinery cat feed hydrotreater unit. The release was caused by corrosive condensate which corroded a PRV inlet line. The corrosion was accelerated by a relief system piping design that allowed the condensate to accumulate resulting in localized corrosion. The inspection program was not designed for the localized corrosion phenomenon and was not able to detect the accelerated corrosion prior to the failure.

Phossel Fuel's Continuing Journey to Process Safety Excellence

Kelly Keim, ExxonMobil Research and Engineering

This is a sequel to the story of Frank Lees, Director of Process Safety for Phossel Fuels, presented in 2012. In the first part of the story Frank demonstrated the use of lagging and leading indicators from API RP 754 - Process Safety Performance Indicators for the Refining and Petrochemical Industries to change Phossel Fuels from an industry laggard to an industry leader. In Part II of the Phossel Fuels story, Frank becomes engaged in Advancing Process Safety, a joint effort between the American Petroleum Institute and the American Fuels and Petrochemical Manufacturers. He studies the results of this industry analysis, which combines input from the Metrics and Analysis, Event Sharing guarterly Reviews, Regional Networks and Site Assessment sub-teams. These have been used to develop target areas for the APS Focuses Improvement Subgroup. Frank compares this industry analysis to his internal company data to develop a prioritized list of action plans that further improve Phossel Fuels' Process Safety performance.

AFPM Safety Portal: Overview for Site Users Tim Mullowney, Phillips 66 Company

This presentation explores the AFPM Safety Portal, which is the informational nexus of the Advancing Process Safety Program. Learn ways to leverage the updated portal's industry knowledge to move the needle on process safety at your site. Topics covered will include: event sharing, process safety metrics, hazard identification, regional networks, reports, injury and illness metrics, and references.

12:00 pm - 1:30 pm

Lunch in the Exhibit Hall Passport Program

1:30 pm – 3:00 pm

Breakout Sessions: Track 1-4

BREAKOUT SESSIONS

Track 1 – Employee Involvement Presider: Ronnie Myers, Axiall

The Missing Link: How our Employee-Driven Safety Team Evolved

Chase Dantin, Nelson Smith and James Williams, Axiall Corporation

This presentation, by members of the Axiall Plaquemine Safety Involvement Team, will chronical their journey from having average safety performance to becoming an industry leader in safety. Presenters will show how team building, continuing education, and managerial support contributed to a change in the site's safety culture starting at the employee level.

Joint Committee

Jonathan Cathers, Mike Meng, Thomas Menden, Paul Coutcher, and Dennis Durwald, BP-Husky Refinery

In this workshop we will discuss our facility's Joint HSSE Committee and the various safety improvement programs that this Committee has initiated. The group consists of an equal number of salary and hourly representatives from various departments within the refinery. The team meets monthly and follows a planned agenda. Together the company and union representatives work as one team to identify safety issues and develop site-wide corrective actions. Our primary focus is on improving and supporting a positive site safety culture.

Track 2 – Industrial Hygiene's Roll in Process Safety Management Presider: *Kurt Church*, Sinclair Oil Corporation

TBD

Track 3 – Top 10 Things for a Successful Contractor Workforce Presider: David Carlin, Bay Ltd.

Successful Contractor Workforce

Robert Parker, Repcon, Inc. Steve Greene, NCCER David Carlin, Bay Ltd.

This discussion will cover topics from the contractor's safety culture to craft skills assessments and training in addition to the safety training conducted at the Safety Councils.

REGISTER NOW AT AFPM.ORG

Track 4 –

Facility Siting – 756 etc. Presider: John Grabowski, CITGO Petroleum Corporation

Compare and Contrast the New API 756 with API 753

Mark Whitney, ABS Consulting

The new API 756 provides guidance on facility siting of tents for explosion, fire, and toxic hazards. Placement of tents utilizes the Zoning Approach (Zones 1, 2, and 3) in API 753 (for portable buildings). Those zones are a distance-based separation tied to size of the congested process area. While there are similarities, there are differences in the application of zones for tents and portable buildings. This presentation discusses the similarities and differences between the recommended practices in API 756 and API 753.

SAFETY AWARDS EVENT

6:00 - 9:00 pm

ACL-Live

AFPM is pleased to honor those who meet and continue to meet safety standard excellence at our Safety Awards Event being held at ACL-Live in downtown Austin. This special venue is home to the longest running musical program on television – Austin City Limits. AFPM will be bringing you the "sounds of Austin" live and direct from center stage. Please join us in celebrating the achievements of your company and industry by attending this year's event.

1. Conference Registration and Tickets

Log on to www.AFPM.org and select "Register Now" or complete the enclosed registration form. Full registration includes admission to the General and Breakout Sessions, and the Reception and Luncheons on Tuesday and Wednesday in the exhibit hall. Order tickets for the Safety Awards Event separately. Refer to the registration form for conference and ticket fees. On-line registration closes May 4.

Exhibitor Only One-Day Pass:

Passes for attendance to only one day of the conference are available to Exhibiting Company Representatives Only. If you do not work for an exhibiting company you do not qualify for a one-day pass.

*Fee Structure:

In order to encourage AFPM attendees to use the contracted hotel block at the Hyatt Regency Austin, you will receive a discount off your registration when you book your room as you register through AFPM. Registrations received after the hotel block closes will not be eligible for the registration discount. Local commuter registrants, of course, will receive the discounted registration fee. All discounts will be applied just before payment.

You'll save \$100 if you register by April 13!

2. Hotel Reservations

Reserve your hotel on-line when you register at www.AFPM.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 AFPM. Get immediate acknowledgement on-line but allow 2 weeks if submitted to AFPM.

All individual reservations must be guaranteed by a major credit card. Cancellation policy: Cancellations may be made 48 hours prior to arrival with no penalty. If a reservation is cancelled within 48 hours or is a No-Show, then a fee of 1 nights room/tax would be charged. April 13, 2015, is the cut-off date for making hotel reservations, cancellations or substitutions through AFPM or on-line. Beginning April 24, 2015, reservations, substitutions, or cancellations must be made through the hotel directly.

3. Spouse Registration

For just \$100.00, 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 Event.

4. Payment

Pay by credit card. AFPM accepts American Express, MasterCard and Visa.

5. Travel

AVIS is the official rental car agency for the NSC. Call 800.331.1600 and refer to AWD#:B761300 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 Colleen Van Gieson for sponsorship opportunities at 202.457.0480 or sponsorships@afpm.org.

8. Attire

Conference and Awards Event: Business casual (shirts with collars; no ties, jeans, sneakers or shorts).

Cancellation Policy:

Registration cancellations must be submitted in writing and faxed to 202.835.0467 or e-mailed to NSC@afpm.org. Substitute conference registrations may be made in advance or on arrival with no penalty. Substitutions can be made on-line by the individual who entered the registration or can be submitted in writing to NSC@afpm.org.

Cancellations may be made by April 13 with no penalty. Written cancellations postmarked, faxed, or emailed between April 14 and April 27, 2015 will receive a refund of fees, less a \$50 processing fee. No refunds after April 27, 2015. No telephone cancellations.

One-day Pass and Ticket Refund Policy:

Refunds will be made on one-day passes or awards event tickets purchased if request is received in writing by April 27, 2015. No refunds after April 27.

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 AFPM 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 AFPM meeting and/or occupy a hotel room in the AFPM 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.

Fee Policy:

Eligibility for rates:

Member Fee: The member rate is based on membership information currently on file with AFPM. If your company is not currently a member, the non-member fees will be charged to your credit card.

Local Fee: Eligibility for the local fee is limited to those who will be commuting from home to the conference each day.

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.

Photo Release:

By registering for this conference, I hereby grant AFPM, its licensees and assigns, the right to use my name, biographic material, as well as, photos, or videos taken of me during the conference in news media, websites, publications, programs, articles, and/or marketing materials.

Ethical Responsibility and Professional and Personal Conduct Code

The American Fuel and Petrochemical Manufacturers ("AFPM") has adopted the following "Ethical Responsibility and Professional and Personal Conduct Code" (hereinafter, "the Code"). Every member of AFPM, their designated representatives, and non-member attendees at all AFPM meetings and forums agrees to abide by the Code as a condition of membership in AFPM and attendance and participation at AFPM meetings and forums.

The Code requires the following of all individuals attending AFPM meetings and forums:

- Adherence to the AFPM bylaws and the AFPM policies and procedures, as adopted by AFPM's Board of Directors.
- Strict compliance with antitrust laws.
- Adherence to all applicable federal and state laws.
- Maintenance of the highest level of professional and personal ethical behavior while attending AFPM meetings and forums.
- Prevention of certain behaviors, including harassment, violence, intimidation and discrimination of any kind involving race, color, religion, national origin, gender, sexual orientation, age, disability or, where applicable, veteran or marital status.
- Assurance that conduct at all times and in all professional and personal dealings with each other and other attendees is with the highest level of integrity and courtesy.

- Sharing of knowledge and expertise as speakers at AFPM educational events and sessions whenever practicable, without soliciting or explicitly promoting their own organization's products or services.
- Working to instill public and consumer confidence in the petrochemical and refining industries, its member companies, and its professionals, avoiding any action conducive to discrediting members of AFPM.
- Refraining from scheduling general attendance meetings, receptions or other events at times that conflict with substantive programming or social events at AFPM meetings without express written permission of AFPM.

Failure to abide by the Code may result, for the first offense, in informal censure of a company or individual by the AFPM Executive Committee. If violations of the Code continue after such an informal censure, a company may be subject to expulsion from AFPM, or an individual to exclusion from participation in AFPM activities, by the Board of Directors.

Entertainment Policy:

We ask your cooperation in observing Association policy on activities held in conjunction with any AFPM meeting:

- Meetings or social activities should not be scheduled that take registrants away from AFPM programs and AFPM-sponsored activities;
- Any company sponsoring a function to which 25 or more people are invited should outline its plans for advance approval by AFPM. In general, such functions will be approved if they do not unduly take registrants away from AFPMsponsored activities;
- All representatives of companies sponsoring hospitality activities are expected to register for the meeting;
- Hospitality suites are expected to close by 1:00 a.m.;
- Food, beverage and service personnel (bartenders, hostesses, etc.) must be obtained through the hotel catering department;
- Suite promotional activities are to avoid the use of elaborate entertainment, expensive door prizes, suite attendance solicitation by individuals who are not full-time employees of the sponsoring company, or other similar activities.

REGISTRATION FORM: NSC15

Register on-line at www.afpm.org

Step 1: Attendee Profile

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

Name			
Title			
Company			
Address			
City	State	Zip	Country
Phone (Area/Country/City Code)	ne (Area/Country/City Code) Fax (Area/Country/City C		de)

E-mail

□ If this is not a permanent address change, check here.

Spouse/Guest Name (if attending)

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

SAVE \$200 OFF FEES BELOW BY **BOOKING A ROOM THROUGH AFPM.**

Step 2: Meeting Registration				
	By April 13	After April 13		
Member	\$ 850	\$ 950		
Non-Member	\$1450	_ \$1550		
Spouse/Guest	\$ 100	_ \$ 100		
Wednesday				
Safety Awards Event	\$ 125	_ \$ 125		
Exhibitor Only One-Da	ay Passes			
(Tuesday or Wednesda	ay / Not needed wi	th full registration)		
Member	\$ 525	_ \$ 575		
Non-Member	\$ 825	_ \$ 875		
Monday Workshop				
API Site Assessment				
Member	\$ 250	_ \$ 300		
Non-Member	\$ 395	_ \$ 445		
Total Amount Due				

Register by April 13th - Save \$ 100.

Save \$200 on full registration by reserving a room in the AFPM room block.

Step 3: Hotel Reservation

Hotel Reservation requests must be accompanied by paid conference registration to be processed. Room rate is \$199 single/double occupancy at the Hyatt Regency Austin, 208 Barton Springs Road, Austin, TX 78704.

Departure Date

If no dates are indicated, we will assign arrival Monday, May 11 and departure Thursday, May 14.

Room Type:	One Bed	Two Beds	
Number of People in Room:			
Special Requests:	🗆 Disability	□ Other	
Room Guarantee:	□ AMEX	U VISA	
	□ MasterCard	🗆 Discover 🗆 Diners	

Credit Card Number

Exp. Date

Signature

Arrival Date

Frequent Guest Number

Register on-line to receive immediate acknowledgement of hotel. April 13 is the final cut-off date to reserve a room. Contact the hotel directly with changes or cancellations beginning April 24, 2015.

Step 4: Payment Information

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

□ VISA □ MasterCard □ American Express

Credit Card Number	Exp. Date

Name of person on card (please print)

Billing Address

City

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

State

Zip

Country

Register on-line at www.afpm.org or by fax with credit card information to 202.835.0467.

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