

Advance Program

Grand Hyatt  
San Antonio  
San Antonio, Texas

May 13-14, 2020

[afpm.org/events](http://afpm.org/events)  
#AFPMNSC

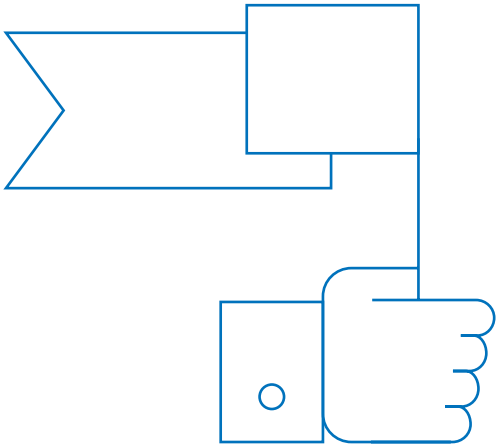


# National Occupational and Process Safety Conference

## Improving Together



# Conference Highlights



## Emerging Leaders Program

Register your emerging leaders to attend the Emerging Leaders Program!

The Emerging Leaders Program is focused on career development, leadership, and communication- skills that all safety professionals need to succeed. This program is focused on AFPM members and contractors with 5-10 years' experience in a safety role, including those who have transferred from an operations or maintenance role to safety.

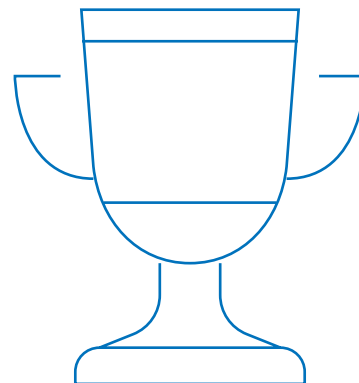
Join us for a networking event on May 12th at 4:00pm and a one-hour learning session during the conference on May 13th.

For additional questions, contact Rebecca O'Donnell, [RODonnell@afpm.org](mailto:RODonnell@afpm.org).

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## Safety Awards Event

AFPM is pleased to honor those facilities and contractors that achieved excellent safety performance during calendar year 2019.



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## AFPM Safety Webinar Series

Want to be kept up to date on all AFPM Safety has to offer throughout the year? Participate in the monthly AFPM Webinar Series.

Contact Jazmynn Croskey, [jcroskey@afpm.org](mailto:jcroskey@afpm.org) to be added to the distribution list.

## Extend Your Reach

Be an exhibitor at the conference.

Contact [nscexhibits@afpm.org](mailto:nscexhibits@afpm.org) for more information.

## Become a Sponsor!

Show your support for the conference by becoming a sponsor.

Contact Colleen Lewallen, [clewallen@afpm.org](mailto:clewallen@afpm.org) for more information.

# Tuesday, May 12

## Pre-Conference Workshop – Wireless Technology 1:00 pm – 5:00 pm

Learn how companies are using and managing wireless technology.

### **Hear from your industry peers with established, comprehensive wireless programs**

*Jennifer Brittain and Jordan Oligmueller, AdvanSix Inc.  
Benjamin Way, Phillips 66*

### **Learn how to implement a formal process of setting up a wireless program**

**Take a deeper dive with a panel discussion on benefits, potential downfalls, and how using wireless technology can help get your safety message out**

**Connect with fellow attendees during the roundtable discussion on other ways wireless technology can be useful**

## Emerging Leaders Reception 4:00 pm – 6:00 pm

A networking event for emerging safety professionals. Meet your peers and build your network before the Emerging Leaders Breakout Session on Wednesday.



# Wednesday, May 13

## General Session

8:00 am – 10:00 am

### Keynote Address

#### Daniel Coombs

Executive Vice President,  
Global Manufacturing,  
Projects and Refining  
LyondellBasell Industries



#### The Book of Dean

#### Dean Maniatis

HSE Manager  
Global Refining  
Phillips 66



## Practice Sharing Poster Session

10:00 am – 11:00 am

Repeated 3:00 pm – 3:30 pm

### Walk the Line: Engaging the Workforce in Operational Excellence

*Representative, Monroe Energy, LLC*

### Shifting Focus from Investigating to Learning

*Sahika Korkmaz and Chelsea Miller, Chevron U.S.A. Inc.*

### FACES Safety Observation

*Wesley Farrell and Michael Vopatek, LyondellBasell Industries*

### Contractor Safety Management System

*Bill Shaw, Evergreen North America Industrial Services*

### Utilizing a Digital Connected Platform to Improve Combustion Safety Performance in Process Heaters

*Ryan Morgan, John Zink Hamworthy Combustion*

### How to Fix Human Reliability with Enhanced Reality Technology

*Christian McDermott, Voovio*

### Operational Discipline Is Not Follow The Procedure

*Steve Cutchen, U.S. Chemical Safety Board*

### Safety: The SmartWay

*Ron Sayle, Superheat FGH Services*

### PSSR's and MOC's during Refinery Turnarounds

*Maury Hoefer, CHS Inc.*

### Manned Hydration/Heat Stress Program

*Jimmy Mazur, Darren Broadus and Mark Hippard, JHA Safety, LLC*

### Process Safety Advisories: Preventing Occurrence of Tier 1 PSE

*Wendy Yafuso, Marathon Petroleum Corporation*

### API Site Assessments

*Ryan Meng and Andrew Broadbent, American Petroleum Institute*

### Industry Energy Isolation Practices

*Dean Maniatis, Phillips 66*

### Distinguished Safety Award Recipient Posters

*Presenters to be announced in the spring*



# Wednesday, May 13

*continued*

## One-Hour Learning Sessions

11:00 am – 12:00 pm

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### OSHA Regulatory Update

*Eric Conn, Conn Maciel Carey LLP*

### Emerging Leaders Program

*Discussion leaders to be announced in the spring*

### EPA's Risk Management Plan Update

*Samina Bharmal, Sidley Austin LLP*

*Justin Savage, Sidley Austin LLP*

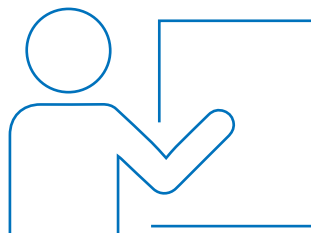
### HF – Industry Engagement Opportunities

*Fritz Kin, Marathon Petroleum Corporation*

## Lunch

12:00 pm – 1:30 pm

In the Exhibit Hall



# Wednesday, May 13

continued

## Roundtable Discussions

1:30 pm – 3:00 pm

Repeated at 3:30 pm – 5:00 pm



### Track 1: Energy Isolation

#### AFPM Practice Share on Energy Isolation

Dean Maniatis, Phillips 66

##### Key Takeaways:

- Review comprehensive survey of good energy isolation practices provided to AFPM by industry
- Interactive discussion on energy isolation practices and procedures

### Track 2: Personal Safety

#### Responding to a Fall Protection Emergency

Loui McCurley, PMI/Vertical Rescue Solutions

##### Key Takeaways:

- Understanding your responsibilities
- Planning for Success
- How to coordinate with external agencies

#### Working Over and Near Water in a Refinery

Andrew Graham, Hunter Furman and Matthew Ory, Phillips 66

##### Key Takeaways:

- Improving hazard awareness when working over or near water in refinery operational areas such as docks, cooling towers, ponds, and waste water treatment plants.
- Sharing best practices for inspection procedures and regulatory compliance.
- Sharing best practices for hazard mitigation measures including signage, safety equipment, barriers, and administrative controls.

### Track 3: Human Reliability

#### Operational Learning – When Does it Start and When Does it End?

Chelsea Miller, Chevron U.S.A. Inc.

##### Key Takeaways:

- What is operational learning?
- How Chevron makes operational learning sustainable
- Chevron's approach to learning teams

#### Koch Industries Journey into Human Reliability

Willis Jernigan, Koch Industries, Inc.

##### Key Takeaways:

- Leadership support
- What does HOP mean for Koch
- Next steps in the journey

### Track 4: PHA Big Data

#### Using Power BI to Analyze PHA Data

Dan Oliveira, Flint Hills Resources

##### Key Takeaways:

- Demonstration of PHA data analysis dashboard
- Potential uses of data in maintenance and operational activities

#### PHA Data – Leveraging a Hidden Asset

Michael Hraban, Phillips 66

Tim Heinrichs, Risk Alive Analytics & ACM Facility Services

Scott Sheppard, ACM Facility Services

##### Key Takeaways:

- Results of a PHA study leveraging modern analytics and data visualisation technologies
- Real examples of how to apply PHA data to improve safety in a wide range of operational activities
- Demonstration of the benefits of comparative analysis of PHA data

# Wednesday, May 13

*continued*

## Roundtable Discussions

1:30 pm – 3:00 pm

Repeated at 3:30 pm – 5:00 pm



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## Track 5: Drugs in the Workplace

### **Working in the Opioid Epidemic**

*Russell Klinegardner, Houston Area Safety Council (HASC)*

*Tommy Hysler, Houston Area Safety Council (HASC)*

#### **Key Takeaways:**

- Understand the current epidemic
- Identifying current employer opioid trends
- Understand the legal ramifications of addicted workers

### **CBD and Marijuana – Effects in the Workplace**

*Margaret Gilbert, ASAP Drug Solutions, Inc.*

#### **Key Takeaways:**

- Differences in marijuana today vs 20-30 years ago
- Concerns with CBD and what laboratories are finding when testing employees
- How can employers take action now to reduce liability and educate their employees?

# Thursday, May 14

## General Session

8:00 am – 10:00 am

### Keynote Address

#### Process Safety Advisory Group Panel:

10 Years of AFPM/API Advancing Process Safety Programs

James Mahoney

Retired  
Koch Industries, Inc.



Jerry Wascomb

Vice President –  
Operations Excellence,  
Safety, Security,  
Health & Environment  
Exxon Mobil Corporation



Raymond Brooks

Executive Vice President  
Refining  
Marathon Petroleum  
Corporation



Moderator:

Jim Stump  
Senior Vice President  
Refining  
HollyFrontier Corporation

## Roundtable Discussions

10:30 am – 12:00 pm

Repeated at 1:30 pm – 3:00 pm



### Track 1: Alarm Management

#### Connecting Alarms to Safety and Operating Excellence

Patrick Robinson, Phillips 66

##### Key Takeaways:

- General ISA 18.2-2016 reference, understanding the “why” behind alarms
- Alarm importance and management
- Culture – leadership, auditing, and metrics

#### Alarm Rationalization and Dynamic Management Improves Operator Effectiveness and Safety

Levi Merkel, CHS Inc.

##### Key Takeaways:

- Understand the principles of alarm rationalization.
- Visualize the concepts of dynamic alarm management rationalization and contrast a dynamically managed alarm system to one that is static in design.
- Demonstrate the improvements to the alarm culture at an operating facility and relate those improvements to increased safety for console operators.

### Track 2: Industrial Hygiene

#### Control of Silica Hazards from Refractory Work During Turnarounds

Panel

Alexander Mapel, Marathon Petroleum Corporation

Joseph Brown, Diamond Refractory Services

##### Key Takeaways:

- Silica handling, ventilation, and PPE Requirements for operators and contractors
- Assessing exposure controls during cleanup and disposal of refractory waste during turnaround activities.
- How silica hazards awareness can be incorporated into the turnaround planning cycle and how ventilation and PPE controls can be considered to mitigate those hazards?



# Thursday, May 14

*continued*

## Roundtable Discussions

10:30 am – 12:00 pm

Repeated at 1:30 pm – 3:00 pm



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### Track 3: Contractor Onboarding

#### Turnaround Safety Leadership: Sustaining an Engaged Workforce

*Michael Vopatek and Wesley Farrell, LyondellBasell Industries*

##### Key Takeaways:

- Clinton Complex' innovative and interactive approach to turnaround safety programming – contractor onboarding, leadership commitment, and sustaining engagement on a daily basis
- Interactive contractor orientation sessions
- The FACES observation program with timely data analysis and feedback to workforce
- Harnessing the silent majority of safe workers through peer intervention

#### Clean Harbor Start Safe Program

*Sean Benoit, Clean Harbors Environmental Services*

##### Key Takeaways:

- Best practices when it comes to new employee engagement and short service employee programs.
- The leading indicators that have increased due to the use of the Start Safe Program (short service employee program).
- The positive engagement we have seen with employees when it comes to stopping work and reporting near misses when they have a guide (mentor) meeting with them for 20 weeks.

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### Track 4: Drones

#### Drones Are Boring Now - Scaling a Drone Safety Program

*Joshua Ziering, KittyHawk*

##### Key Takeaways:

- Strategies on how to secure data collected by drones
- Overcoming the challenges of deploying large number of drones while minimizing excessive training
- Understanding and avoiding the potential pitfalls of drone use

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### Track 5: Distinguished Safety Award Recipient Panel

*Panelists to be announced in the spring.*

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## Lunch

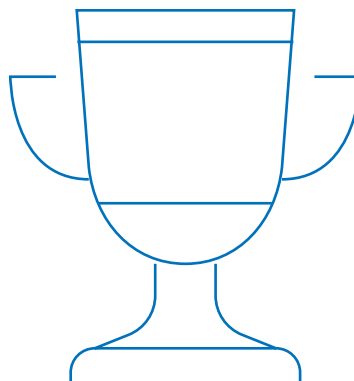
In the Exhibit Hall from 12:00 pm – 1:30 pm

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## Safety Awards Event

6:00 pm – 9:00 pm

*This is a ticketed event.*



## Friday, May 15

### All Region Networks Meeting

8:00 am – 2:00 pm

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For Process Safety or Occupational Safety  
Regional Network Members  
*Invitation only*

[Register now](#)

## Exhibitors

### Exhibitor List by Company

*as of February 13, 2020*

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3M (St. Paul, MN) Personal Safety Division  
Akron Brass Company  
Baker Engineering and Risk Consultants, Inc.  
Board of Certified Safety Professionals  
Campbell Fittings, Inc.  
Cardno ChemRisk  
CertifiedSafety, Inc.  
DISA Global Solutions  
Draeger Safety Inc.  
DuPont Protection Technologies  
eVision Industry Software  
FORTRESS Protective Buildings  
HexArmor  
Houston Area Safety Council (HASC)  
Hunter Buildings & Manufacturing, LP  
inFRONT  
JCL Safety Services  
JHA Safety, LLC  
Mahaffey Fabric Structures  
Mary Kay O'Connor Process Safety Center  
Nextteq, LLC  
Opal  
Operational Sustainability, LLC  
PRIMATECH INC.  
PSRG Inc.  
Superheat FGH Services  
Total Safety U.S., Inc.  
Trinity Consultants, Inc.  
Tyndale Company, Inc.  
Western Technology, Inc  
Westex by Milliken

# Registration Form

## AFPM NSC20

Register online at <https://www.afpm.org>**Register by April 10th - Save \$100****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)

Fax (Area/Country/City Code)

Email

Spouse/Guest Name (if attending)

☐ This is not a permanent address change. ☐ Check here if you require any special services. Please attach a description of your needs.**Step 2: Meeting Registration****Full Registration**

	By April 10	After April 10
<input type="checkbox"/> Member	\$800 _____	\$900 _____
<input type="checkbox"/> Non-Member	\$1,500 _____	\$1,600 _____
<input type="checkbox"/> Spouse/Guest	\$100 _____	\$100 _____

**Pre-conference Workshop**

<input type="checkbox"/> Member	\$400 _____	\$450 _____
<input type="checkbox"/> Non-Member	\$545 _____	\$595 _____

**Safety Awards Event Ticket**

<input type="checkbox"/> Event Ticket	\$125 _____	\$125 _____
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**Total Due**

\_\_\_\_\_

\_\_\_\_\_

Name of Member Company

Not sure if your company is a member? Go to <https://www.afpm.org/membership-directory>.**Step 3: 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

Signature

Name on Card (please print)

Billing Address

City

State

Zip

Country

Signature (Required, authorizing charge & acknowledging cancellation/refund, fee, registration, spouse, & other policies) [Click here to review AFPM policies.](#)**Step 4: Hotel Reservation**

Reservations cannot be made prior to registration. Once your registration has been completed, you will find the link to reserve your housing at the top of your registration confirmation email. Be sure to register and reserve your room by Monday, April 20th. The room block rate cannot be guaranteed after this date.

**Fax your form with credit card information to 202.835.0467**



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