

**AFPM** American Fuel & Petrochemical Manufacturers

### ANNUAL REPORT 2013



## **UNDERIGANS AMERICA'S FULL POTENTIAL**

**"NOT** ON WEAL TH, BUT CE ł E A Ε D E L 9 P Ν D UGHT Y. D I S SISTENCE, E HE Ε B Ľ ΕA **EFENSE.**" HABITATION, CLOTHING AN 

Alexander Hamilton, Secretary of the Treasury Report on Manufactures, December 5, 1791



*David L. Lamp* Chairman of the Board





*Charles T. Drevna* President

### From the Chairman of the Board and the President

America is on the verge of an economic revitalization and a strong manufacturing base is a key to such an outcome. We have a tremendous opportunity to bring the innovation, jobs and economic growth that accompanies a strong manufacturing sector back to our shores. Now is our time to demonstrate the many positive contributions America's fuel and petrochemical manufacturers are making to our nation. To that end, in 2013 we're putting the spotlight on the desirable and proven societal benefits AFPM makes possible with our theme: Fueling America's Manufacturing Renaissance.

U.S.-based fuel and petrochemical industries are vital national assets. As manufacturers, our members are playing a pivotal role in helping to rebuild the economy by:

- Supporting millions of American jobs.
- Moving our nation towards energy independence and strengthening national security.
- Innovating to realize a cleaner environment and better fuels.
- Investing in unparalleled workplace safety.
- Making life in the 21st century possible through thousands of products we rely on every day.

But we're only at the beginning of this era of opportunity. Adherence to certain fundamental principles is required if we are to unlock the full potential of a U.S. manufacturing renaissance. These principles include:

- Free markets that enable our industry to compete on a level playing field and serve consumers most effectively and efficiently.
- Sensible regulations on emissions, biofuels and access to energy sources based on solid cost/benefit analyses developed through sound science and objective economics.
- Transparency of the actions elected officials take to shape manufacturing conditions and policies.

With these tenets in place, AFPM members are committed to further advancing innovation and increasing consumer value. We will continue to develop solutions that advance health, the environment and safety. We will produce more products that enhance national and energy security and the lives of Americans. And we will strive so that, ultimately, every American may enjoy the broad economic and societal benefits that come with a strong and viable American fuel and petrochemical manufacturing sector.

AFPM is dedicated to communicating these powerful messages to all of our key audiences. In 2012, we successfully enhanced our education and outreach programs. We strengthened media outreach capabilities and increased work with coalitions and partners to advance our message and achieve our desired goals. We're also working more closely with our members to educate and engage their employees.

We are only at the beginning of what promises to be an exciting time of renewal for our country. We are proud of the role that our association and member companies play in this renewal. Together we will continue to educate, inform and activate to bring the benefits of America's Manufacturing Renaissance to everyone. Oil, natural gas and the products derived from them are the engines that power the U.S. economy. Today, America's fuel and petrochemical manufacturers directly and indirectly employ nearly two million people.

With ingenuity and enhanced technologies, the United States is on the cusp of a manufacturing renaissance that will invigorate the economy; create permanent, highpaying jobs; foster North American energy independence; and strengthen national security. Innovations in oil and gas production promise to create as many as three million jobs by the end of the decade, and to grow the economy through billions of dollars in capital investments and increased tax revenues at the local, state and federal levels.

AFPM is actively engaged in this pivotal era for our nation, from the wellhead to Washington. With smart policies in place we can unleash our abundant reserves of oil and natural gas, process them in the most sophisticated, technologically advanced refineries and petrochemical facilities in the world and transform our country, creating significant opportunities for growth in manufacturing and the many industries it supports.







Share of Total U.S. Output

Source: Bureau of Economic Analysis, Gross Output by Industry



Manufacturing Sector

### EXPANDING ECONOMIC BENEFITS & AMERICAN JOBS

## LIFE IN THE 21ST CENTURY POSSIBLE

American fuel and petrochemical manufacturers are strategic suppliers of products that positively impact our daily lives.

U.S. fuel producers keep America on the move, providing reliable, efficient and cost-effective fuels. As the lifeline of many industries, U.S. petrochemical manufacturers produce the materials essential for products that enable ongoing innovations in areas such as medicine, technology, defense and entertainment. They extend our lifespan, and expand the possibilities of how we live and enjoy our lives.

AFPM will continue to support a better future for America – and provide Products for Your Life. Every Day.

### OIL & NATURAL GAS ARE THE BUILDING BLOCKS FOR 1000s OF PRODUCTS



## STRENGTHENNG ENERGY INDEPEN NATIONAL SECUR

Energy independence is both an economic and national security issue. Keeping billions of dollars flowing within the U.S. economy, while significantly reducing America's reliance on other regions of the world for critical products, are goals that are not only desirable, but also achievable. Since the 1970s, eight American Presidents have called for such an effort.

The U.S. now finds itself on a pathway to attaining North American energy independence, economic prosperity and enhanced national security through more efficient manufacturing of finished petroleum products and an increase in domestic gas and oil production.

America's refiners are producing more than ample supplies of high-quality refined petroleum products to meet the nation's needs and maintain a strategic inventory. The ability to compete in a global market and offer additional products overseas is helping to reduce the U.S. trade deficit and keep these facilities operating at peak efficiency and full employment. An American manufacturing renaissance will move us further down the path to energy independence and economic prosperity, while improving our national security.

## DENCE &



Source: Energy Information Administration (Includes finished petroleum products and gasoline blending components.)

Americans are enjoying the cleanest environment in decades due, in no small part, to considerable investments made by the refining and petrochemical manufacturing industries. AFPM members are committed to providing better products that meet or exceed consumer demand and environmental requirements. Since 1990, our industry has invested over \$137 billion to improve environmental emissions. We complement initiatives to produce cleaner fuels and reduce emissions with support for sustainability programs. AFPM and many of our members are engaged in a partnership with the Wildlife Habitat Council (WHC) to make a positive change to the environment, locally and globally, through conservation efforts and community engagement.

We will fuel this American manufacturing renaissance while remaining strongly committed to stewardship of the nation's environmental resources.





Source: Outsourcing US Refining? The Case for a Strong Domestic Refining Industry, Wood Mackenzie

# PROVIDENCE PROVIDENT

## ADVANCING A SAFER VORKPLACE

The refining and petrochemical manufacturing industries are dedicated to protecting the health and safety of our workers, our contractors and our neighbors as well as the environment in which we operate. In fact, today's refining and petrochemical manufacturers lead the entire U.S. manufacturing sector in personal safety.

Driven by the fundamental belief that no incident is acceptable, AFPM members continuously strive for opportunities to enhance safety performance. Through a number of programs, technical conferences, networking meetings and reliable and accurate benchmarking surveys, we look for ways to continue to advance our members' safety programs.

AFPM and our members are always working together to achieve the safest environment for employees and surrounding communities.

### RATE OF INJURY & ILLNESS ON THE DECLINE 2001–2011 RATE PER 100 FULL TIME EMPLOYEES











Petroleum Refining Companies and Onsite Contractors

AFPM Report of Occupational Injury & Illness for Petrochemical Manufacturing Companies and Onsite Contractors



### **Executive Committee**

AFPM is governed by a Board of Directors, which comprises representatives from each of our refining and petrochemical members.

When the Board is not in session, it delegates authority to the AFPM Executive Committee to provide oversight and govern the Association.

The Board of Directors elects a chairman, vice chairman, eleven vice presidents and a treasurer. These officers, together with the immediate past chairman, constitute the Executive Committee. The Board elects a president to serve as chief operating officer of the Washington, D.C.-based staff and headquarters office.

The 2013 AFPM Executive Committee following this year's Annual Meeting is as follows:



**Chairman** *David L. Lamp* Chief Operating Officer & Executive Vice President HollyFrontier Corporation Dallas, TX



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Joseph Gorder President and Chief Operating Officer Valero Energy Corporation San Antonio, TX



*Gary R. Heminger* President and Chief Executive Officer Marathon Petroleum Corporation Findlay, OH



*Jack Lipinski* Chief Executive Officer CVR Energy, Inc. Sugar Land, TX



James S. Loving Senior Vice President, Refining, Pipelines and Terminals CHS Inc. Inver Grove Heights, MN



*Thomas D. O'Malley* Executive Chairman PBF Energy Inc Parsipanny, NJ



Dennis Seith Chief Executive Officer INEOS Olefins & Polymers USA League City, TX



Jerry Wascom Director, Refining Americas ExxonMobil Refining and Supply Fairfax, VA



*Gary Yesavage* President, Manufacturing Chevron USA Inc. San Ramon, CA



Lawrence Ziemba Executive Vice President, Refining, Project Development & Procurement Phillips 66 Houston, TX

### **Board of Directors**

### **Ex-Officio Directors**

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Albemarle Corporation Amy Motto

Alon USA, LP Paul Eisman

American Refining Group, Inc. Tim Brown

Arkema Inc. Richard Rennard

Axiall Corporation C. Douglas Shannon

Baker Hughes Incorporated Jerry Basconi

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BP Amoco Chemical Company Doug Sparkman

BP Products North America Nick Spencer

Braskem America, Inc. Bruce Rubin

Calcasieu Refining Company Russ Willmon

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The Linde Group Raghu Menon

The Williams Companies McMillan Hummel

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TPC Group Inc. Russell Crockett

U.S. Oil & Refining Co. Alan Cabodi

UOP LLC Rajeev Gautam

Valero Energy Corporation Joseph Gorder

Valero Energy Corporation Lane Riggs

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Westlake Chemical Corporation Albert Chao

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### **Associate Members**

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Indian Oil Corporation Limited A. S. Basu

Irving Oil Operations Ltd. Mike Ashar

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> ABB Inc. Robert Smith

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Air Liquide Large Industries U.S. LP Johnnye Wozniak

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Burckhardt Compression Michael Walhof

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CB&I Scott Wiseman

CEDA/Catalyst Services

Celerant Consulting Charles Spofford

CertifiedSafety, Inc. Michael Brown

CH2M HILL - Lockwood Greene, Inc. Rob Smith

Champion Technologies, Inc. Michael McShan

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ChemTreat, Inc. John Alcorn

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Chimec, S.P.A. Luigi Ferranti

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Clariant Corporation Robert Graupner

Clean Harbors Environmental Svcs Anthony lerubino

CME Group Chris LaRosa

Commonwealth Engineering & Construction Todd C. Frank

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Cooling Tower Depot, Inc. Dennis Sheldon

Crane Energy Flow Solutions Doug Clendenin

Crystaphase Products, Inc. John Glover CSC David Marler

Cust-O-Fab, Inc. Jerry Barbee

Deloitte Mike Krenek

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Dresser-Rand David Vincent

DSM Chemicals North America David Quester

E.Vironment, LP Geoffrey Swett

EA Engineering, Science, and Technology, Inc. Brian Lesinski

Emerson Process Management Jerry Brown

Energy Analysts International (EAI) Joseph Leto

Energy Maintenance Services Danette Pulis

ENGlobal Mike Harrison

ENVIRON International Corporation Andrew Edwards

Environmental Resources Management Shawn Doherty

Eurecat U.S. Incorporated Frederic Jardin

Evergreen Industrial Services Diana Roye

Excel Modular Scaffold Dylan Fulton

Exel Timothy English

Fellon-McCord & Associates, LLC Brian Habacivch

Firestone Polymers Mark Rymer

Fisher-Klosterman Joe Urban Fives North American Combustion, Inc. Ron Hypes

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Terence Easton

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Foster Wheeler USA Corporation Steve Beeston

Foundation Petroleum David Reed

Fuel Tech, Inc.

Terry Brown

Gallop Tower Field Service Tim ReBeau

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GP Strategies Corporation Ron Faciane

Gevo Dave Munz

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Guida, Slavich & Flores, P.C. Joseph Guida

Gulf Chemical & Metallurgical Corp. Jay Jaffe

Gulfspan Industrial, LLC Myron Smalley

Hagemeyer North America - Technical Services Dale Rudloff

Hahn & Clay Don B. Sheffield

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Haldor Topsoe A/S

Hargrove Engineers + Constructors Ralph Hargrove

HartEnergy Publishing, LP Kristine Klavers

Haverly Systems, Inc.

Haws Corporation Scot McLean HTI Jeffrey Gendler

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> Hertz Equipment Rental Corporation James Fiscus

Hunter Buildings & Manufacturing, LP Alisha Nash

Gulf Publishing - Hydrocarbon Processing John Royall

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ICIS Karl Bartholomew

ICL-IP America Richard Hooper

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Industrial Insulation Group, LLC Joe Ortiz

Infineum USA L.P. Steve Benwell

Ingenero Bill Waycaster

Innospec Fuel Specialties LLC Patrick McDuff

INOVx Solutions Costantino Lanza

Interchem USA Roberto Dahlgren

Intertek PARC Robert Absil

Intratec Solutions LLC Luiz Tavares

Invensys Operations Management Maxie Williams

ioMosaic Corporation Georges Melhem

Irex Contracting Group John Lamberton

J.J. White, Inc. James White

Jacobs Engineering Group Inc. Carlos Camacho

JCL Safety Services James Lefler Jo Tankers, Inc. Sammie Mooney

Johnson Controls Inc. Alastair Ryder

Johnson Matthey Catalysts Jamie Chisamore

JV Industrial Companies David Herzog

KBC Advanced Technologies, Inc. Andrew McMullan

KBR Doug Kelly

KH Neochem Americas, Inc. Toshiaki Fujima

Kiewit Oil, Gas and Chemical Teresa Phillips

KiOR, Inc. John Kasbaum

Kirby Inland Marine, LP Greg Binion

Kolmar Americas, Inc. Rafael Aviner

KP Engineering, LP Ric Steele

LANXESS Corporation Thomas O'Neill

LBC Houston, LP Michael McKinney

LG International Corporation Jane Choi

Liskow & Lewis Greg Johnson

Lloyd's Register North America Ed Mullings

Lucite International Inc. Robert Connolly

Lummus Technology Helion Sardina

MAHLE Industrial Filtration Steve Franke

Mansfield Oil Company of Gainesville, Inc. Michael Mansfield

Masterank America Inc. Janet Jordan

Matheson Lori McDowell Matrix Service Company DeAnna Starcher

Max Torque Industrial Angelo Mitlo

McJunkin Red Man Corporation Elaine Michael

McKinsey & Company Khush Nariman

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Middough Inc. Paul Riedl

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The Mundy Companies David Mundy

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Partnership (NWR)

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NovaPex

### **Associate Members**

(continued)

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PCL Industrial Construction Co. Michael Huddleston

PCS Sales Troy Erny

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Petrochem Insulation, Inc. Brian Benson

Pilko & Associates, Inc. George Pilko

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Porocel International, LLC Terence McHugh

Praxair Inc. Michael Jordan

PricewaterhouseCoopers Reid Morrison

Process Consulting Services Inc. Scott Golden

Procter and Gamble Chemicals George Koehnke

PSC Rick Pitman

Recon Refractory Engineering & Const. Dan Bellamy

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Safway Group Steve Wilson

Sage Environmental Consulting Steve Probst

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Saint-Gobain NorPro Paul Szymborski

Samsung Engineering America Inc. Howard Feintuch

Scheck Mechanical Corporation Joseph Lasky

SCS Energy LLC Joseph Swift

Securitas Security Services USA Inc. Vincent MacNeill

Sentinel Integrity Solutions Mike Shaw

Service Radio Rentals Chris Fergeson

SGS David Prince

SGS Petroleum Service Corporation Brian Haymon

The Shaw Group Cindy Viktorin

SI Group, Inc. Paul Tilley

Siemens Energy, Inc. -Water Solutions Thomas Schultz

SNC-Lavalin Hydrocarbons & Chemicals USA Dominick Trupia Sojitz Corporation of America Tadayuki Honda

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Total Safety U.S., Inc. Dave Fanta

Toyota Tsusho America, Inc. Takashi Fujiwara

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Tricon Energy, Ltd. Ignacio Torras

Trihydro Corporation Calvin Niss

Trinity Consultants, Inc. John Hofmann

Tristar Global Energy Solutions, Inc. Meghan Kidwell

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Turner, Mason & Company Malcolm Turner

Tyco Integrated Security Jennifer Carey

United Rentals, Inc. Michael Abbey

United Shutdown Safety Patricia Bareis

Univar USA Inc. Brian Jurcak Universal Environmental Services (UES) Juan Fritschy

Universal Plant Services, Inc. Brad Jones

URS Corporation Donald Nedanovich

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Waid Environmental Jason Graves

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William W. Rutherford & Associates William Rutherford

Wood Group Field Services, Inc. Steve Pairish

Wood Group Mustang Vikas Moharir

Wood Mackenzie Lorna Barnes

WorleyParsons James Powers

Yokogawa Maurice Wilkins

Zachry Industrial, Inc. Brandi Lambert

Zeeco, Inc. Stan Brander

Zimmermann & Jansen, Inc. Karen Frericks

### Advocacy

AFPM's Advocacy group combines the Government Relations, Regulatory Affairs, Legal, Communications and Outreach Departments to work together to inform, educate and advocate to external audiences on behalf of AFPM members.

The Government Relations Department communicates with members of Congress and their staffs.

The Regulatory Affairs Department represents AFPM member interests before federal regulatory agencies and the Executive branch.

The Legal Department provides support to all AFPM advocacy activities and advances AFPM's advocacy agenda through the federal and state courts.

The Communications Department works with the news media to publicize APFM positions and activities, writes material for AFPM's website and produces other written material about AFPM.

The Outreach Department works with APFM members and their employees, along with groups and individuals around the country that support and want to advocate AFPM's positions to government officials at the local, state and federal levels.

### **Safety Programs**

AFPM's comprehensive safety programs are focused on promoting occupational and process safety incident prevention in the petroleum refining and petrochemical manufacturing industries.

### **Advancing Process Safety**

In 2012, we launched new programs to advance process safety improvements by providing industry with more opportunities to communicate and share experiences and knowledge – vital components of our collective goal to improve process safety performance. Information on the programs is located at www.afpm.org/Safety-Programs or contact Lara Swett at Iswett@afpm.org.

### Safety Statistics

For more than 30 years, AFPM has collected occupational injury and illness data from our members' facilities in order to compile the AFPM Survey of Occupational Injuries & Illnesses. In 2011, AFPM began collecting facility data on Tier 1 and Tier 2 Process Safety Events to drive process safety performance improvements. This data is compiled into an annual AFPM Process Safety Event Statistics Report. Companies utilize the aggregated data in these reports as a vital tool in benchmarking their performance in both occupational and process safety.

### Awards & Recognition

The AFPM Safety Awards Program honors member companies whose facility operations and contractors meet a level of excellence based on records kept for employees in accordance with the Occupational Safety & Health Administration (OSHA) record keeping requirements and ANSI/API RP 754 Process Safety Performance Indicators for the Refining and Petrochemical Industries.

The Distinguished Safety Award is presented each year to the facility or facilities that have attained a superior safety performance throughout the year and shown continuous improvement from previous years. This award, along with the others, is presented during the Safety Award Celebration held in conjunction with the National Occupational and Process Safety Conference each spring.

For more information or questions concerning the Safety Statistics, Awards Program or the National Occupational and Process Safety Conference, please visit the AFPM website at www.afpm.org/Safety-Programs or contact Anna Scherer at ascherer@afpm.org. AFPM publications inform our members about industry statistics, technical innovations, environment and safety developments, security and many other relevant issues.

AFPM's online store allows you to search technical papers and reports by keyword, author, and/or meeting and directly download to your computer. Learn more at www.afpm.org/publications.

### **Newsletters and General Publications**

- Annual Report
- AFPM Member Newsletter
- Daily Alert
- Fuel Line
- Green Room Report
- Security Watch
- Tech Update

### **Statistics**

- Annual Survey of Occupational Injuries & Illnesses
- U.S. Refining Capacity Report
- Lubricating Oil and Wax Capacity Report
- Process Safety Event Report

### **Subscription Publications**

The AFPM Petrochemical Programs has a new, secure online data portal to give all survey participants and subscribers a centralized site for submitting, viewing and analyzing the statistics reports that can be accessed from anywhere at any time. To view the Petrochemical Statistics Publications listing, visit http://afpm. org/petrochemical-statistics/

### **Technical Papers**

- Annual Meeting Papers
- Reliability & Maintenance Conference Papers
- Environmental Conference Papers
- National Occupational and Process Safety Conference Papers
- Clean Fuels Challenge Papers
- Plant Automation and Decision Support Conference Papers
- International Lubricants & Waxes
  Meeting Papers

### Transcripts

- Q&A and Technology Forum
- Biennial Cat Cracker Seminar Q&A

### **Meetings**

AFPM is widely recognized for organizing national conferences and meetings held annually that are devoted to examining the critical issues facing fuel and petrochemical manufacturers. These comprehensive, information packed meetings offer a wide array of opportunities for member participation from all levels of company personnel.

In addition to the annual line-up of conferences, AFPM periodically hosts meetings on timely topics, alone or in conjunction with government agencies, other trade associations and industry groups.

Each meeting focuses on a different discipline and is organized around general sessions, panel discussions, workshops, roundtable discussions, vendor exhibitions and numerous networking activities.

At the meetings, critical information and industry practices are exchanged to help members meet the challenges of modern business. Specific program information on AFPM's meetings may be found at www.afpm.org/meetings.



Annual Meeting March 17 - 19 Marriott Rivercenter San Antonio, TX



International Petrochemical Conference March 24 - 26 Grand Hyatt San Antonio, TX



Labor Relations/Human Resources Conference May 22 - 23 World Center Marriott Orlando, FL



**Board of Directors Meeting** September 8 - 10 Suncadia Resort Cle Elum, WA

### **MEMBERSHIP** JOIN TODAY!

The vast majority of American petroleum refiners and petrochemical manufacturers, along with hundreds of industry service companies, are already members of AFPM.

To find out more contact LaToya Blackburn at: membership@afpm.org 202.457.0480 www.afpm.org/benefits-of-membership



**Security Conference** April 15 - 17 Hilton Palacio del Rio San Antonio, TX



National Occupational & Process Safety Conference May 14 - 15 Woodlands Waterway Marriott The Woodlands, TX



Reliability & Maintenance Conference and Exhibition May 21 - 24 World Center Marriott Orlando, FL



**Q&A and Technology Forum** October 7 - 9 Sheraton Dallas Dallas, TX



Environmental Conference October 20 - 22 Hilton Riverside New Orleans, LA



International Lubricants & Waxes Meeting November 14 - 15 Hilton Post Oak Houston, TX

### **Standing Committees**

The AFPM Board of Directors relies on the counsel and support of experts among its membership to accomplish specific Association functions and plan for the Association's future. There are 20 standing committees that serve to assist the Board in achieving AFPM's goals.

Please visit the AFPM website for a complete description of all committees and their rosters at www.afpm.org/committees.

The **Issues Committee** advises the Executive Committee and provides direction and guidance to AFPM staff on current policy issues important to the refining and petrochemical industries. **Chair:** Gregory Goff, Tesoro Corporation **AFPM Secretary:** Brendan Williams

### The Associate Steering Committee

provides a forum for the Association's contractors, suppliers, vendors and consultants, to communicate with the Board of Directors on items of mutual interest and support. **Chair:** Jeff Davis, Brock Group **AFPM Secretary:** Susan Yashinskie

### The Communications Committee shares

information, ideas and communications strategies to increase support by external audiences for policy positions established by the Executive Committee and adopted by the AFPM Board. **Chair:** Jim Temple, Ergon, Inc. **AFPM Secretary:** Diana Cronan

The **Environmental Committee** provides a forum for members to exchange views and discuss environmental activities and advises the AFPM Board and staff on current environmental laws/regulations. **Chair:** Cynthia Gleason, Chevron Phillips Chemical Company LP **AFPM Secretary:** David Friedman

The **Fuels Committee** provides information and policy recommendations concerning legislative, regulatory and motor fuel specification developments. **Chair:** Marla Benyshek, Phillips 66 **AFPM Secretary:** Tim Hogan

### The **Government Relations Committee** serves as the principal forum for sharing information, ideas and strategies on legislative and regulatory issues important to the refining and petrochemical industries.

Chair: Jeff Reamy, Phillips 66 AFPM Secretary: Geoff Moody

The **Legal Committee** provides legal and litigation strategy recommendations to advance the interests of the Association membership. **Chair:** Steve Forsyth, Exxon Mobil Corporation **AFPM Secretary:** Richard Moskowitz

### The Labor Relations & Human Resources Committee facilitates the exchange of

information on matters related to industrial and labor relations, human resources practices and collective bargaining. **Chair:** Hope VonBorkenhagen, National Cooperative Refinery Assoc. **AFPM Secretary:** Daniel Strachan

### The Lubricants & Waxes Committee

provides oversight and assistance on matters related to automotive oils, lubricants and waxes. **Chair:** Jamey Steinhauser, Flint Hills Resources, LP **AFPM Secretary:** Daniel Strachan

The **Waxes Subcommittee** promotes the benefits of current and new wax uses and technologies to the marketplace as well as issues related to the safe handling, transportation and specifications of petroleum wax.

**Chair:** Greg Vascik, HollyFrontier Corporation **AFPM Secretary:** Daniel Strachan

The **Maintenance Committee** promotes the exchange of technical information and proven practices on reliability, maintenance, inspection, procurement, project engineering and turnarounds.

**Chair:** Dan Flake, CVR Energy, Inc. **AFPM Secretary:** Gordon Robertson

### The Exhibitor Subcommittee provides

overall support to the Reliability & Maintenance Conference exhibits by reviewing booth layouts and providing recommendations for continuous improvement of the show.

**Chair:** Tobie Craig, Turner Industries Group **AFPM Secretary:** Helen Kutska

### The Manufacturing Committee provides

technical support and recommendations on matters that affect facility operations and products including federal, state and local laws and regulations.

**Chair:** Steve Jackson, Hunt Refining Company **AFPM Secretary:** Jeff Hazle

### The Petrochemical Committee advises

the AFPM Board and staff on current issues of importance to the petrochemical industry. **Chair:** G.R. Cardillo, Enterprise Products Operating LLC **AFPM Secretary:** James Cooper

### The Petrochemical Statistics

Subcommittee advises and assists the Petrochemical Committee and AFPM staff on matters pertaining to the collection and dissemination of statistics on petrochemicals, including trade, production and inventories. Chair: Michael E. Williamson, ExxonMobil Chemical Co. AFPM Secretary: James Cooper

### The Plant Automation & Decision Support

**Committee** focuses on sharing practical experience with the application, management, and integration of computing technology in areas including process control and automation, modeling, real-time optimization and Internetbased applications.

**Chair:** Michael Wroe, Enterprise Products Operating LLC **AFPM Secretary:** Daniel Strachan

### The Safety and Health Committee provides

a forum for members to exchange views and share occupational and process safety best practices and developments in safety related legislation and regulation. **Chair:** Mike Mayo, Enterprise Products Operating LLC **AFPM Secretary:** Lara Swett

### Staff

The **Industrial Hygiene Subcommittee** provides a forum for the exchange of information on industrial hygiene, regulatory and legislative trends and developments as well as other matters concerning industrial hygiene standards and practices **Chair:** Karen Jones, TOTAL Petrochemicals & Refining USA **AFPM Secretary:** Daniel Strachan

The **Security Committee** solicits and assembles recommendations on securityrelated practices and policies, standards and guidelines, and regulatory and legislative trends and ensures recommendations receive consideration by appropriate governmental bodies, industry or trade groups. **Chair:** Kent Steed, Chevron Corporation **AFPM Secretary:** Jeff Gunnulfsen

The **Cyber Security Subcommittee** provides information and recommendations on matters pertaining to cyber security and cyber threats. **Chair:** Steve Elwart, Ergon **AFPM Secretary:** Daniel Strachan Charles T. Drevna President

James R. Cooper Vice President, Petrochemicals

**David N. Friedman** Vice President, Regulatory Affairs

**Sarah K. Magruder Lyle** Vice President, Strategic Initiatives

**Richard S. Moskowitz** General Counsel

Gerald R. Van De Velde Chief Financial Officer

**Brendan E. Williams** Vice President, Advocacy

Susan E. Yashinskie Vice President, Member Relations & Development

**Rebbie Riley** Executive Assistant

Rebecca Adler Senior Director, Communications

**Diana Cronan** Director, Communications

Wade Easter Director, Accounting & Office Administration

**Jeff Gunnulfsen** Director, Security & Risk Management

**Jeff Hazle** Senior Director, Refining Technologies

**Steve Higley** Director, Outreach

**Tim Hogan** Director, Motor Fuels

Julia Gregg Kramer, SPHR Director, Human Resources

Helen Kutska Director, Convention Services

**Geoff Moody** Director, Government Relations

Joanne Shore Chief Industry Analyst

**Daniel Strachan** Director, Industrial Relations & Programs Lara Swett Director, Health & Safety Programs

Michael Birsic Manager, Government Relations

**Suzanne Matwyshen Gillen** Manager, Government Relations

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