


The New RCM –
Reliable, Competitive
Manufacturing

**2009 NPRA Reliability & Maintenance
Conference and Exhibition:
Final Program and Show Directory**

Gaylord Texan
Grapevine, TX
May 19 – 22, 2009



NPRA



“ To make great strides in physical plant management you need detailed, auditable, timely data on daily spend. Once done, analytic and management initiatives fall into place. WorkTech’s CCTS made this all available to us. ”

DORIS PREWITT
BP TEXAS CITY REFINERY

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Hear it straight from BP. Doris Prewitt and WorkTech will be speaking at the Track 6 Workshop: *Control of Spend for Operations, Capital Projects, and Turnarounds*. Attend the session Thursday at 2:45 PM.

Visit Booth 424 to learn how WorkTech’s Contractor Cost Tracking System helps reduce costs and improve operational efficiencies.

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**2009 NPRA Reliability & Maintenance
Conference and Exhibition:
Final Program and Show Directory**

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Floor Plan is on the inside back cover.

Schedule of Events

Tuesday, May 19, 2009

8:00 am – 2:00 pm	Exhibitor Golf Tournament
9:00 am – 5:00 pm	Professional Development Session
1:00 pm – 8:00 pm	Registration
5:00 pm – 8:00 pm	Opening Reception in Longhorn Hall C-F

Wednesday, May 20, 2009

7:30 am – 6:00 pm	Registration Open
8:30 am – 9:45 am	General Session – Ray Everham
9:45 am – 10:00 am	Coffee Break
10:00 am – 11:15 am	Concurrent Workshop Sessions
11:15 am – 1:00 pm	Lunch in Exhibit Hall
1:15 pm – 2:30 pm	Maintenance Business Strategies Q&A Session / Concurrent Workshop Sessions
2:30 pm – 2:45 pm	Coffee Break
2:45 pm – 4:00 pm	Concurrent Workshop Sessions
4:00 pm – 6:00 pm	Reception in Exhibit Hall

Thursday, May 21, 2009

7:30 am – 6:00 pm	Registration Open
8:30 am – 9:45 am	General Session – Joe A. Mattox, Ph.D.
9:45 am – 10:00 am	Coffee Break
10:00 am – 11:15 am	Concurrent Workshop Sessions
11:15 am – 1:00 pm	Lunch in Exhibit Hall
1:15 pm – 2:30 pm	Reliability Q&A Session / Concurrent Workshop Sessions
2:30 pm – 2:45 pm	Coffee Break
2:45 pm – 4:00 pm	Concurrent Workshop Sessions
4:00 pm – 6:00 pm	Reception in Exhibit Hall

Friday, May 22, 2009

8:00 am – 8:30 am	Continental Breakfast
8:30 am – 10:00 am	Turnarounds Q&A Session
10:15 am – 11:30 am	Ethics Workshop

The New RCM –
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Manufacturing

General Information

Gaylord Texan
Grapevine, TX
May 19 – 22, 2009



NPRA

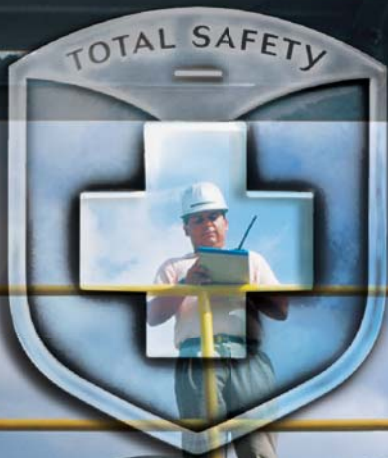
Turnaround Safety Services

Safety Attendants

Respiratory Protection

Gas Detection

Communication Solutions



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- Decrease turnaround time periods
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Welcome

On behalf of the NPRA Maintenance Committee, I am pleased to welcome you to Grapevine, Texas for NPRA's 38th annual Reliability & Maintenance Conference and Exhibition.

This year, the conference theme is "The New RCM – Reliable, Competitive Manufacturing" which is a euphemism for "how to stay alive in tough times". At this moment, survival is paramount and each one of us understands the importance of staying competitive.

However, short (we hope) term concerns about survival should not translate into neglect of the practices and technologies that have been put in place to improve reliability and productivity. These have to be maintained and improved upon so that our industry will have a solid foundation for profitable performance in the future.

I believe that this conference is one of those tools which should not be neglected even in tough times. The innovations and proven practices shared in conference workshops and the technology solutions being offered by the exhibitors are critical to our competitiveness now and into the future. Without the new ideas and concepts that we gather at this conference we risk treading water and being unprepared to emerge on the other side.

The conference emphasizes knowledge gained through experience – the positives and negatives – by refiners and petrochemical producers who are developing and refining their proven practices and new technology



Ron Engel

applications. I encourage you to network with the other attendees and to share your own insights in the workshops and the Q&A sessions.

The program committee sincerely appreciates your attendance at this conference and we encourage you to help us to continue improving its value to the industry by providing us with your thoughtful feedback on the evaluation forms and the digital survey that will be e-mailed to you after the conference. And while we're here, please take the opportunity to tell me and the other committee members how you feel about the conference. You can't miss us – we'll be wearing the vests with the NPRA logo.

Thank you for your continued support of the NPRA and the Reliability & Maintenance Conference.

A stylized, handwritten signature in black ink, appearing to read 'Ron Engel'.

Ron Engel
LyondellBasell Industries
Program Chairman
2009 NPRA Reliability &
Maintenance Conference

Reliability & Maintenance Conference and Exhibition:

The New RCM – Reliable, Competitive Manufacturing

Welcome to the 2009 NPRA Reliability & Maintenance Conference and Exhibition in Grapevine, TX. All events will be held at the Gaylord Texan Resort & Convention Center.

Reliability, mechanical integrity, and operating safely are critical to competitiveness and the petroleum refining and petrochemical industries' survival will depend on our resourcefulness and determination to implement new technologies, more efficient work practices, and a more deeply ingrained safety culture. The NPRA Reliability & Maintenance Conference enables you to identify strategies that enhance competitiveness and start on a path that will lead to improved reliability and safer operation.

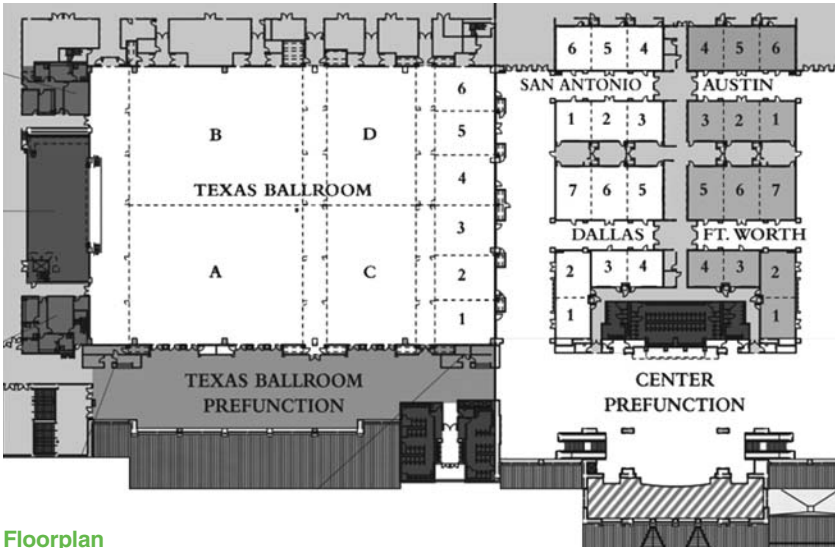
The program emphasizes sharing knowledge and benefiting from the experience of others so that you can improve performance. The program has expanded to 38 workshops in seven topic tracks: Analyzers, Electrical, & Instrumentation (AEI); Improving Maintenance Practices; Principles & Practices; Procurement; Reliability; Safety & Mechanical Integrity; and Turnarounds. The topic tracks that are new in 2009 – Improving Maintenance

Practices and Safety & Mechanical Integrity – allow us to emphasize safety and productivity which are always two of your top priorities. The workshops will be interactive and attendees will be encouraged to ask questions and share their own experiences and challenges. The Q&A sessions are formatted to maximize interaction and will offer attendees the opportunity to ask questions about their own specific challenges.

Workshop Sessions

Many of the workshop sessions will have a presentation followed by a group discussion on the topic while others include an informal panel. The workshops provide opportunities for smaller groups to have detailed discussions on topics of special interest to reliability, maintenance and operations personnel. You are encouraged to come to the workshops prepared to discuss your company's experiences or concerns on the topic.

This year you will be able to obtain the technical papers for the workshops from the NPRA website before the conclusion of the conference. Log on to the NPRA web site (using the same User ID and Password you used to register for the conference) and then use the My Meetings link on the "Meetings" page to obtain the conference papers.



Floorplan

Q&A Sessions

The program includes three Q&A sessions where panelists will lead a discussion of today's critical issues. The Maintenance Business Strategies Q&A session will focus on the big picture and preparing your organization for challenges that are still over the horizon. The Reliability Q&A will focus on the tools and proven practices used to improve reliability performance and the Turnaround Q&A will focus on the new challenges of turnaround planning and execution in a fluid and difficult business environment. The questions for the Q&A Sessions are taken from actual questions and problems that have been submitted by your peers. Panelists bring carefully prepared answers to the sessions and then use their experience and knowledge to respond to questions raised by session attendees.

Professional Development

The conference will be preceded by a one-day professional development program. A full-day seminar will be offered on:

- Effective Maintenance Planning by the Reliability Management Group
- There is an additional registration fee for this seminar.

Exhibition

The Conference Exhibition provides an opportunity to evaluate the equipment, services, and technologies of more than 250 companies. These companies are specialists in a specific aspect of reliability and can be valuable resources in solving plant problems and improving performance. Many of the exhibitors are first-timers offering novel solutions to your pressing problems. The 10-plus hours of exhibition time also offer an excellent opportunity to network with others and focus on your facility's particular needs.

Conference Policies

General

Dress Code

Attire for the Reliability & Maintenance Conference and Exhibition is business casual. This requires closed-toe shoes, collared shirts and slacks. No sandals, shorts, t-shirts, tank tops or blue jeans at conference sessions or in the exhibit hall, please.

Ribbons

Badge ribbons help identify your role in the conference. Ribbons are provided for the following designations:

- *Black with gold lettering* – Operating Company/ Plant Personnel
- *Neon Green* – Exhibitor
- *Yellow* – Speaker
- *Red* – Maintenance or Exhibitor Committee member
- *White with Gold lettering* – Sponsor
- *Green* – Press
- *Blue* – NPRA Staff
- *No ribbon* – indicates that the attendee works for a non-operating, non-exhibitor company (i.e. supplier or consultant that is not an exhibitor at this year's show).

Cell Phone/Pagers

As a courtesy to speakers and your fellow participants, please turn cell phones and pagers off or set to "silent" when attending any sessions. Thank you.

Email Stations

For your convenience, NPRA has provided eight email stations with high-speed Internet access to keep in touch with your office. Kiosks are located in the registration area and are available from 8:00 am to 8:00 pm on Tuesday and 8:00 am to 6:00 pm on Wednesday and Thursday.

Smoking

No smoking is permitted in the sessions or exhibit hall.

Recording Policy

Videotaping of the exhibit hall, general sessions, workshops, Q&A Sessions, and discussions is strictly prohibited. Audio taping is permitted only in the workshops and Q&A Sessions for the sole purpose of private use. Any recording for purposes of reproduction or distribution without the written consent of the NPRA is strictly prohibited.

Suitcasing Policy

All meeting registrants are invited to the exhibition. However, any non-exhibitor registrant 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 the show floor. Please report any violations you may observe to show management.

NPRA Anti-Trust Policy

The National Petrochemical & Refiners Association is a nonprofit, tax-exempt membership association organized to foster cooperation and the exchange of technical information among its members. These worthwhile activities are sanctioned by custom and law. It is important, however, to recognize that these activities are subject to the legal limits of federal and state antitrust laws. NPRA is committed to complying with the antitrust laws in all respects and has adopted the following guidelines in order to facilitate compliance with the antitrust laws at its meetings:

As a general matter, the antitrust laws prohibit competitors from agreeing on the prices they will charge, the products they will offer, the customers they will serve, or the markets in which they will compete. Therefore, there should be no discussion or disclosure of information with respect to (a) expected profits, premiums, prices, surcharges, or discounts; (b) specific customers or classes of customers, or whether you will or will not do business with them; (c) proposed product offerings; (d) allocation of geographic or product markets; (e) any refusal to deal with a customer or supplier; (f) how to deal with the market behavior of a competitor; or (g) any other topic involving a potentially anticompetitive practice.

Some subjects of discussion may lead to agreements that are not unlawful on their face but that may have an unlawful anticompetitive effect or may give rise to the inference of an anticompetitive act, depending upon their scope and how they are implemented. Other subjects may appear to be prohibited by the antitrust laws but in fact may be permitted because of the context or ultimate purpose of the communication. Whether discussing a subject is permissible may vary depending on factors such as the nature of the subject matter, its relationship to competition among NPRA members, the purpose of the communication, and the degree of restraint that NPRA members can be expected to exercise.

We cannot make a statement that will take the place of advice from your own company or that will cover every situation. We do suggest that those attending our meetings may avoid difficulties for themselves and for the Association by observing these principles and calling to NPRA's attention any violations you may observe at any of our meetings.

NPRA Ethical Responsibility and Professional and Personal Conduct Code

The National Petrochemical and Refiners Association (“NPRA”) has adopted the following “Ethical Responsibility and Professional and Personal Conduct Code” (hereinafter, “the Code”). Every member of NPRA, their designated representatives, and non-member attendees at all NPRA meetings and forums agree to abide by the Code as a condition of membership in NPRA and attendance and participation at NPRA meetings and forums.

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

- Adherence to the NPRA bylaws and the NPRA policies and procedures, as adopted by NPRA’s Board of Directors.
- Strict compliance with federal antitrust laws.
- Adherence to all applicable federal and state laws.
- Maintenance of the highest level of professional and personal ethical behavior while attending NPRA 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 with the highest level of integrity and courtesy.
- Sharing of knowledge and expertise as speakers at NPRA 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 NPRA.
- Refraining from scheduling general attendance meetings, receptions or other events at times that conflict with substantive programming or social events at NPRA meetings without express written permission of NPRA.

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

Entertainment Policy

We ask your cooperation in observing Association Policy on activities held in conjunction with any NPRA meeting:

- Meetings or social activities should not be scheduled that take registrants away from NPRA programs and NPRA-sponsored activities;
- Companies are asked to restrict entertainment outside hospitality suites to activities that do not include expensive or elaborate entertainment;
- Any company sponsoring a function to which 75 or more people are invited should outline its plans for advance NPRA approval. In general, such functions will be approved if they do not take registrants away from NPRA-sponsored activities;
- All representatives of companies sponsoring hospitality activities are expected to register for the meeting;
- Hospitality suites are expected to close by 1:00 am.;
- Food, beverage and service personnel (bartenders, hostesses, etc.) should be obtained through the hotel catering department;
- Suite promotional activities should 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 similar activities.

NPRA Reliability & Maintenance Conference and Exhibition

May 25 - 28, 2010	San Antonio, TX
May 24 - 27, 2011	Denver, CO
May 22 - 25, 2012	San Antonio, TX
May 21 - 24, 2013	Orlando, FL
May 20 - 23, 2014	San Antonio, TX

NPRA Cat Cracker Seminar

August 24 - 25, 2010 Houston, TX

Notes

The New RCM –
Reliable, Competitive
Manufacturing

Tuesday
May 19, 2009

Tuesday
May 19

Gaylord Texan
Grapevine, TX
May 19 – 22, 2009



NPRA

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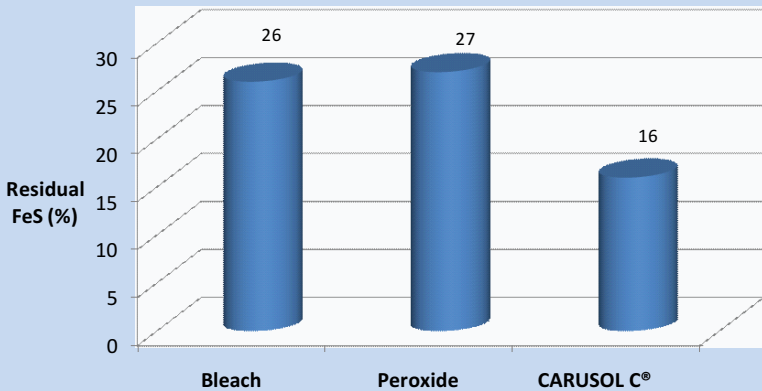
Reduce Turnaround time - Increase Shutdown Safety

Remove Pyrophoric Iron - Reduce Risk of Auto-Ignition

Minimize Environmental Impact - Remove Metals and Organics

Eliminate Malodor Compounds -
Minimize Neighborhood Complaints

15 minute Reaction Time



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Tuesday
May 19, 2009

**Exhibitor Golf
Tournament**

8:00 am – 2:00 pm
The Cowboys Golf Club

This annual event hosted by the exhibitors will provide a fun morning of golf and networking. Breakfast and lunch are provided at the golf course. Return transportation is also provided.

Buses depart from the tour lobby near the bellstand of the Gaylord Texan Resort & Convention Center at 7:00 am.

**Professional Development
Seminar**

9:00 am – 5:00 pm

Effective Maintenance Planning

Texas 1 - 2

This seminar will take place at the Gaylord Texan Resort & Convention Center.

This seminar focuses on the best industrial and fundamental process practices when planning for routine preventive and corrective maintenance. Seminar participants will learn the importance of field job scoping and identifying accurate work scope and potential barriers or planning obstacles; proper use of equipment history, engineering technical notes, equipment procedures and maintenance support organizations (such as engineering, parts and material procurement, Vendor/OEM services, etc.); value of quality planning; standard job plans; and a clean organized backlog.

– Jeff Orberson *et al.*

Reliability Management Group

Tuesday
May 19, 2009

Exhibition Opening Reception

5:00 pm – 8:00 pm
Longhorn Hall C - F

The 2009 Exhibition officially opens at 5:00 pm. Renew old friendships and meet new people while viewing the latest technology developments offered by the exhibitors. Be sure to visit as many booths as possible to thank the exhibitors for their longstanding support of our show. Enjoy complimentary food and beverages while you explore the exhibition hall and plan your week.

The New RCM –
Reliable, Competitive
Manufacturing

Wednesday
May 20, 2009

Gaylord Texan
Grapevine, TX
May 19 – 22, 2009

Wednesday
May 20



NPRA

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Wednesday
May 20, 2009

General Session

8:30 am – 9:45 am
Texas A



Ray Evernham

Ray Evernham:

You're As Good As Your Crew

As a nationally known NASCAR crew chief, Ray knows the value of having a good maintenance crew. His presentation will show that in racing, as in the process industries, you will not go very far without effective maintenance. He also knows that a successful pit crew must have superior tools and skills and a commitment to working as a team to maximize the cars' performance. Attendees will see many parallels between racing and the refining and petrochemical industries when it comes to maintenance and reliability.

Concurrent Workshop Sessions

10:00 am – 11:15 am

Track 1:
Analyzer / Electrical / Instrumentation
San Antonio 1 - 3

RMC-09-33

Reducing the Downtime Cost in the Brazilian Refineries through Remote Induction Motor Health Monitoring and Induction Motor Management

Alessandro Marques, Petrobras
Erik Bonaldi, PS Solucoes

This work shows the benefits of using an equipment health monitoring system together with a motor management system to reduce downtime costs.

Track 2:
Improving Maintenance Practices
Texas 3 - 4

RMC-09-19

More with Less: Automating Maintenance Practices in the Chemical and Refining Industry

Robert Skeirik, Emerson Process Management
Gary Bowles, Eastman Chemical

Process optimization brings big benefits to the bottom line, but even highly optimized plants suffer big losses when machinery fails without warning. This session covers the ROI for technologies that enable the use of predictive diagnostics to monitor machinery health, diagnose developing failures, and then use this information to optimize maintenance, production, and overall plant profitability.

Track 3:
Procurement
San Antonio 4 - 6

RMC-09-31

E-Sourcing and Other Tools

Rosemary Boisclair, SAP

Doug Sterenberg, LyondellBasell Industries

Automating the procurement process can yield benefits such as a reduction in maverick spend and the realization of negotiated cost savings. The application of RFx tools and decision making tools such as Business Warehouse within a defined contract management system will be discussed.

Track 4:
Principles & Practices
Texas 1 - 2

RMC-09-07

**Optimum Furnace
Tube Replacements**

Jimmy Cleavinger, LyondellBasell Industries

A Weibull analysis is an extremely powerful statistical tool that can be used to predict failures of components. When you can accurately predict the time to failure of a component, the next logical step is to determine the most cost effective way to deal with this failure, and optimize the replacement to minimize the cost. This session will present a tool which has been developed to predict the optimum replacement interval for ethylene radiant tubes. The basics of Weibull analysis will also be covered. The concept presented here can be applied to any type of component.

Concurrent Sessions
continue on page 16.

Concurrent Sessions

10:00 am – 11:15 am

Track 5:
Reliability
Texas 5 - 6

RMC-09-08

**Piping Inspections Using
Low Frequency
Electromagnetic Technique**

Shawn Gowatski, TesTex

This presentation will discuss the use of the Low Frequency Electromagnetic Technique (LFET) for pipe inspections. An inspection to find seam welded pipes at a Sunoco refinery will be discussed. The inspection of a 34" transit line for BP in Prudhoe Bay, AK will also be discussed.

Track 6:
Safety & Mechanical Integrity
Dallas 5 - 7

RMC-09-43

**Lesson Learned from the
Lyondell Houston Refinery
Crane Incident**

*Gary Jones and Jerry Forest,
LyondellBasell Industries*

The investigation team's results are summarized in this presentation and in a video: "Collapse of a VersaCrane™ TC-36000 at the Houston Refining LP Refinery in Houston, Texas on July 18, 2008." The video report focuses exclusively on the investigation team's findings as related to the crane; root causes and solutions. The overall presentation takes the investigation root causes and solutions and applies them to LyondellBasell plant operations and potentially to others as "Lessons Learned."

Exhibition and Lunch

11:15 am – 1:00 pm

Longhorn Hall C - F

**Track 7:
Turnarounds
Texas D**

RMC-09-09

**Achieving Accurate and
Competitive Turnaround Outcomes**

Hunter Mayo, Independent Project
Analysis

This workshop will use Independent Project Analysis' research and methodology to illustrate what is required to accurately predict turnaround outcomes, thereby enabling business success.

Concurrent Sessions

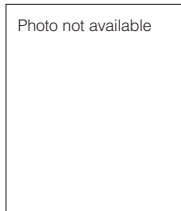
1:15 pm – 2:30 pm

Track 2:
Improving Maintenance Practices
Texas C

Maintenance Business Strategies
Q&A Session

Panelists

Barry Holtzman



Jim Irwin has recently been named Refinery Maintenance Manager at the ConocoPhillips Borger, TX refinery.



His previous assignment was Manager of COP's Maintenance Functional Excellence Team where he worked with Refinery Maintenance Managers to implement company-wide maintenance and reliability improvements. He has 20 years of refinery maintenance and reliability experience and has worked in a variety of engineering and leadership roles. Jim holds a BS degree in Mechanical Engineering from Montana State University.

Jimmy Jernigan is a Maintenance Superintendent in the Central Maintenance and Reliability Group of Specialty



Engineering at LyondellBasell. Jimmy began his career as a project engineer at (BP) Amoco's Texas City Refinery where he worked for seven years in several project, reliability, maintenance and turnaround roles. Jimmy joined Lyondell through the ARCO Bayport plant as a Reliability Engineer and later moved to the Inspection Supervisor position. He has held positions of both Maintenance Superintendent and Reliability Superintendent and served in these capacities at the Bayport Underwood Plant, Beaumont Plant, and the Chocolate Bayou Complex. He led the Reliability Superintendent Team for the company and currently leads the Maintenance Superintendent Team. Jimmy earned his BS degree in Mechanical Engineering from Lamar University.

Leonard Scott is the Unit Maintenance Department Manager at ExxonMobil, Baytown, TX. He



began working for ExxonMobil in 1985 as a Mechanical Engineer at the Baytown Refinery and held several developmental and supervisory assignments. Prior to his current position, Leonard participated on a team that implemented a new global reliability system within the company with a focus on maintenance planning, scheduling and execution. Leonard holds a degree in Mechanical Engineering from Southern University in Baton Rouge and a MBA from the University of St. Thomas.

Questions start on page 20.

Concurrent Sessions

1:15 pm – 2:30 pm

Track 2:
Improving Maintenance Practices
Texas C

Maintenance Business Strategies
Q&A Session

Questions

1. What is your company's approach to routine maintenance planning and scheduling?
2. What internal and external benchmarking do you conduct to measure performance and how do you set your targets?
3. How is your maintenance organization structured?
4. Describe your maintenance craft training and qualification process including owner company and contract crafts.
5. How do you develop your maintenance budget and who is responsible for budget compliance?
6. What contracting strategies do you use for routine maintenance activities?
7. How do you ensure consistency of your critical maintenance programs through the bottom of the business cycle?

Q & A Session Notes

Concurrent Sessions
continue on page 22.

Concurrent Sessions

1:15 pm – 2:30 pm

Track 1:
Analyzer / Electrical / Instrumentation
San Antonio 1 - 3

RMC-09-36

**Extending Power Cable Life an
Additional 40 Years**

Richard Brinton, Novinium

For more than 20 years, cable rejuvenation has been used at electric utilities to extend power cable life. It is now being adopted by industrial plants that were built in the 1970s and 1980s as an insurance policy against power cable failures. For about half the cost of replacement, cable life can be extended up to 40 years.

Track 3:
Procurement
San Antonio 4 - 6

RMC-09-46

**Contract Administration Techniques
In An Uncertain Economy**

Teresa Magnus, Vulcan
*Ned Parrott, Watt, Tieder, Hoffar &
Fitzgerald*

Consciously changing the nature of the owner-contractor relationship to one that is collaborative reduces costs and minimizes project risks for both parties. Rather than establishing the relationship on the basis of a low cost bid, the relationship is built on common values such as safety, experience, and relationships. Within a collaborative relationship difficult issues such as material escalation and dispute resolution are less likely to derail a project's success.

Track 4:
Principles & Practices
Texas 1 - 2

RMC-09-12

**Top Ten Maintenance
Best Practices –
Why You Should Implement Them**

*Alan Poling, Society for Maintenance
and Reliability Professionals*

This workshop is intended to share maintenance and reliability best practices that can provide a competitive advantage to those who use them.

Track 5:
Reliability
Texas 5 - 6

RMC-09-29

**Plant-Health Monitoring &
Reliability Intelligence**

Alex Kent, Chevron

A key element of the standardized reliability model is the system for Dynamic Plant-Health Monitoring or “Unit Reliability Briefs.” This process helps the operating areas assimilate the data from seemingly disparate methodologies into a single report. The goal of the process is then to review and analyze performance, identify health threats and adverse trends, prioritize them appropriately, and implement corrective actions.

Concurrent Sessions
continue on page 24.

Concurrent Sessions

1:15 pm – 2:30 pm

Track 6:
Safety & Mechanical Integrity
Dallas 5 - 7

RMC-09-30

Crane Safety Panel

Ted Blanton Sr., NACB

Paul Kuber, ExxonMobil

Joe Collins, Zachry

Mike Eggenberger, Bay Ltd.

A panel of owner companies and crane operators will address crane safety initiatives and practical steps for safer lifts.

Track 7:
Turnaround
Texas D

RMC-09-11

**Trade-Off Economics In
Plant Turnarounds**

Brett Shroeder and Bob Vichich,
AP-Networks

This paper presents a framework to evaluate the impact of specific trade-off decisions on the overall economic viability of plant turnarounds. The analysis is based on a database of actual turnaround performance and quantifies the relationships between such key factors as shift patterns, labor productivity, turnaround duration, fixed costs, safety, oil price and lost opportunity costs. The intent is to help companies adopt an optimal strategy that minimizes the costs of the turnaround.

Break

2:30 pm – 2:45 pm

Concurrent Sessions

2:45 pm – 4:00 pm

Track 1:
Analyzer / Electrical / Instrumentation
San Antonio 1 - 3

RMC-09-32

Artesis – Simplifying Predictive Maintenance Using Modeling Techniques for Condition Monitoring

Jack Hamilton, Motor Diagnostic Systems

Artesis has developed a new approach that makes the benefits of predictive maintenance accessible to a wide range of users for the first time. Focusing on three phase electric motors, generators and alternators, the Artesis system does not require specialized sensors. Instead, its model-based approach allows it to detect and diagnose electrical and mechanical problems based only on measurements of current and voltage taken from the supply cables. The system trains itself in a few days, and is then able to provide the user with concise information about developing faults, recommended actions, and the probable time to failure.

Track 2:
Improving Maintenance Practices
Texas 3 - 4

RMC-09-15

Utilizing SAP Notification Types and Task Fields to Capture Reliability Data

Rod Jenkins, ConocoPhillips

In order to reduce failures and improve uptime of equipment, the reasons for the failures need to be understood. Data collection is a key component when performing a failure analysis. SAP has the potential to be a reliable evidence source when the information captured in the database has value, is accurate, and considered user-friendly. This session will focus on capturing data in SAP for future use as evidence in reliability improvement efforts and failure investigations.

Track 3:
Procurement
San Antonio 4 - 6

RMC-09-44
Unit Rate Contracts
Paul Collins, EC Harris

Track 4:
Principles & Practices
Texas 1 - 2

RMC-09-14
**Using Handheld Devices to
Assess and Quantify
Asset Performance**
John Renick, Meridium

Eastman Chemical implemented an innovative operator rounds program to capture data electronically in the field through a handheld application. The program which has yielded a 40% reduction in reactive maintenance is part of Eastman's Reliability Based Operations and Maintenance (RBOM) strategy and involved a dedicated team from both Operations and Maintenance departments working jointly to be more proactive in mitigating failures.

Concurrent Sessions
continue on page 28.

Concurrent Sessions

2:45 pm – 4:00 pm

Track 5:
Reliability
Texas 5 - 6

RMC-09-13

**Specifying and Obtaining Pumps
for Uninterrupted Six-Year Runs**

Heinz Bloch, Process Machinery
Consulting

This presentation will explain and delineate how a few best-of-class pump users are consistently achieving superior run lengths, low maintenance expenditures, and unexcelled safety and reliability of their centrifugal pumps.

Track 6:
Safety & Mechanical Integrity
Dallas 5 - 7

RMC-09-37

**Fatigue Risk Management
in the Refining, Petrochemical and
Chemical Industries**

Ron Chittim, American Petroleum
Institute

This presentation will review the status of the ANSI RP755 Committee which is developing a standard for Fatigue Management in the refining, petrochemical and chemical industries. The presentation will include background regarding the causes and consequences of fatigue, the composition and organization of the ANSI RP 755 Committee and a review of the draft consensus standard.

Exhibition and Reception

4:00 pm – 6:00 pm

Exhibit Hall

Track 7: Turnarounds Texas D

RMC-09-28

New Technology for Complex Fit-ups

James Bohuslav, ExxonMobil Refining
& Supply

Mike Norton, Wyatt Field Service

Jerry Crawford, Texas Gulf Coast
Engineers

Reactor components are typically difficult to replace in the field because of the inability to measure and fabricate the large irregular geometry of these elements well.

Precision measurement technology utilizing photogrammetry and laser total stations allows the final modifications to be completed on the ground before the elements are lifted into place for installation.

Wednesday
May 20, 2009

Notes

The New RCM –
Reliable, Competitive
Manufacturing

Thursday
May 21, 2009

Gaylord Texan
Grapevine, TX
May 19 – 22, 2009

Thursday
May 21



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General Session

8:30 am – 9:45 am

Texas A



Joe A. Mattox, Ph.D.

**Unleashing the Power of
Multi-Generations in the Workplace**

Joe A. Mattox, Ph.D.

Workplace Innovation Consultants

Today's workforce is comprised of multiple generations – Traditionalists, Baby Boomers, Generation Xers and the newly arriving Millennials. Each generation has its own unique values, preferences, and motivators which require new and more flexible approaches to recruit, retain, communicate and adapt to generational differences and achieve aligned performance across the workforce. Dr. Mattox, founder of Workplace Innovation consultants, has spent several years researching, training and coaching leaders in several industries to manage these intergenerational differences. During this keynote, Dr. Mattox will explore the myriad challenges and issues associated with having four different generations working side by side in the workplace. Attendees will increase their understanding of the different generations and intergenerational risks and learn about best practices in recruitment, retention and techniques for communicating effectively across generations.

Concurrent Sessions

10:00 am – 11:15 am

Track 1:
Analyzer / Electrical / Instrumentation
San Antonio 1 - 3

RMC-09-34

**Lessons From
Flood Recovery Projects**

Gerald East, CP Chemical
Kevin Landreth, ConocoPhillips

One of the more difficult issues for facilities that were flooded by Hurricanes Ike (2008) and Katrina (2005) was the mitigation of damage to analyzers, electrical equipment, and instruments and how best to recover from a plant wide flooding event. Chevron Phillips Chemical will review their recent experience dealing with salt water intrusion into cables, electrical equipment, and instruments including corrosion issues, oxidation, chemically cleaning and treating the systems, and evaluating whether to replace or repair equipment. ConocoPhillips will review their experience at the Belle Chasse refinery (2005) including what they did and did not do well and the types of long term issues that can be traced back to the flooding and the decisions that were made at that time.

Track 2:
Improving Maintenance Practices
Texas 3 - 4

RMC-09-16

**Craft Performance Improvement
Using Mentoring Processes**

Clarence Trowbridge, BP
*Barbara Trautlein, Systems Research
and Consulting*

This workshop will discuss a new mentor model and processes for apprentices that support both the technical and business challenges of the modern maintenance organization. We will discuss how new mentoring programs deliver the required technical and behavioral skills needed for maintenance organizations to capitalize on their training and technology investments.

Track 3:
Procurement
San Antonio 4 - 6

RMC-09-41

Rental Equipment Management

Gordon McDonald and Bill Newman
RSC Equipment Rental

This workshop will cover key components of rental management which are defined as equipment utilization, internal cost allocations, and invoice validations and then why rental rate is only one factor in calculating and projecting rental costs. The challenges of managing rentals on P/O by P/O transaction basis will also be reviewed as well as the components of cost savings and what can be done to drive efficiencies.

Track 4:
Principles & Practices
Texas 1 - 2

RMC-09-17

Energy Maintenance

Mike Carlson, LyondellBasell Industries

This workshop will describe energy maintenance programs including economic evaluation and incentives for maintaining steam traps, repairing steam leaks and repairing insulation in hot and cryogenic services.

Concurrent Sessions
continue on page 34.

Concurrent Sessions

10:00 am – 11:15 am

Track 5:
Reliability
Texas 5 - 6

RMC-09-10

**Owner-User Experiences with
Heat Exchanger Tubular
Inspection Techniques**

John Reynolds, Pro-Inspect
Frank Furillo, ExxonMobil (ret)

A panel discussion outlines owner-user experiences and technical assessment of numerous methods of examining the condition of heat exchanger tubulars after they have been in hydrocarbon process services. We will comment on what we believe are the advantages and limitations of the techniques and will also cover inspection planning, data analysis needs, consequence rating method of prioritization, tubular cleaning methods and NDE technician qualification for heat exchanger examination.

Track 6:
Safety & Mechanical Integrity
Dallas 5 - 7

RMC-09-40

Options for Protecting the Workforce

Harold Warner, Dynamic Airshelters
David Ritzel, Dyn Fx Consulting

Owner companies have used a number of different tactics to protect a turnaround workforce that is in proximity to an operating plant. The workshop will present some information on blast-resistant air shelters and then a panel of owner companies will discuss other options that they have used such as blast-resistant temporary buildings and transporting workers rather than providing shelters in the work area.

Exhibition and Lunch

11:15 am – 1:00 pm

Longhorn Hall C - F

Track 7:**Turnarounds**

Texas D

RMC-09-20

**Using Hot Work Technologies to
Reduce Critical Path**

Thomas Scott, Frontier El Dorado

Roger Rankin, TIMEC-HRI

This workshop will show you how to utilize hot work technologies to reduce turnaround duration and achieve better operating efficiencies.

Concurrent Sessions

1:15 pm – 2:30 pm

Track 2:
Improving Maintenance Practices
Texas 3 - 4

RMC-09-21

Importance of Culture Change in Meeting Reliability Goals within a Manufacturing Environment

Ron Leonard and Mike Aroney,
Life Cycle Engineering

This presentation will discuss the key risks encountered in attempting to achieve the return on investment from the business case for change, and how the stakeholders are being engaged within the organization through consistent, effective and meaningful communication.

Track 3:
Procurement
Dallas 5 - 7

RMC-09-18

The North American Substance Abuse Program (NASAP)

Amanda Allred, Houston Safety Council

The Houston Business Roundtable (HBR) owners and the Houston Area Safety Council (HASC) have developed two programs to reduce the burden of administering background checks (North American Background Screening Consortium, NABSC) and drug testing (North American Substance Abuse Program, NASAP) for owners and contractors in Houston. This presentation will describe early experiences with these programs.

Track 4:
Principles & Practices
Texas 1 - 2

RMC-09-22

Fireproofing Fundamentals

Tom Kline, Structural Group
Don Fore, ConocoPhillips

This workshop will feature different types of fireproofing and the pros and cons of various systems from an engineering and application contractor's perspective. Assessment techniques, as well as case histories, will be highlighted throughout the workshop.

Track 6:
Safety & Mechanical Integrity
Dallas 5 - 7

RMC-09-18

The North American Substance Abuse Program (NASAP)

Amanda Allred, Houston Safety Council

The Houston Business Roundtable (HBR) owners and the Houston Area Safety Council (HASC) have developed two programs to reduce the burden of administering background checks (North American Background Screening Consortium, NABSC) and drug testing (North American Substance Abuse Program, NASAP) for owners and contractors in Houston. This presentation will describe early experiences with these programs.

Track 7:
Turnarounds
Texas D

RMC-09-24

Beyond Decon: Strategic Chemistry for Turnarounds

Cody Nath, Refined Technologies, Inc.
Uwe Klingler, BP

BP Texas City and Refined Technologies wish to share how they implemented their team strategy on BP's recent PipeStill 3A outage so that other refiners can apply the best practices to their own shutdowns.

Concurrent Sessions
continue on page 38.

Concurrent Sessions

1:15 pm – 2:30 pm

Track 5:
Reliability
Texas C

Reliability Q&A Session

Panelists

Alex Kent is a team member of the Chevron Corporate Reliability Center of Excellence in Pascagoula, MS. He is responsible for



the development and deployment of integrated reliability strategies in manufacturing while also providing direct reliability support. Alex joined Chevron in 2005 as the Reliability Advisor for Global Manufacturing/Refining after a 30 year career in the nuclear power industry. His previous experience includes an extensive background in maintenance, operations, engineering, and leadership at Naval, research and commercial nuclear facilities. Alex holds a BS in Nuclear Engineering and Science from the University of Maryland.

Nolan Miller is a Mechanical Engineer responsible for Inspection and Mechanical Integrity of fixed equipment for Sasol



North America. He has been in the Petrochemical Industry for 25 years. His previous experience has included major rotating equipment reliability at Dow Chemical, instrumentation and controls maintenance at Enron, project management, and fixed equipment integrity at Sasol North America.

Coby Stewart is the
Manager,
Maintenance and
Reliability for
Frontier El Dorado
Refining Co. Coby is
responsible for all



maintenance, reliability, turnaround and small capital construction activities at Frontier's El Dorado, Kansas facility. Before joining Frontier, Coby spent over 28 years in construction, turnarounds and maintenance in the oil & gas, petrochemical and refining industries. He is the author of numerous technical papers and trade journal articles and patent holder for designs related to equipment reliability. Coby holds degrees from Texas State Technical College and LeTourneau University.

Questions start on page 40.

Concurrent Sessions

1:15 pm – 2:30 pm

Track 5:
Reliability
Texas C

Reliability Q&A Session

Questions

Measuring Performance

1. To what extent are you utilizing quantitative risk assessment tools (including numerical scoring systems) to assess priority in fixed equipment integrity, electrical equipment, rotating equipment, and instrumentation?

Clamps

2. What procedures and/or systems do you use to manage the installation and subsequent removal of clamps?

CUI

3. What advanced techniques and technologies are used to identify and measure corrosion under insulation in piping systems?

Operating Envelope

4. How do you integrate risk-based inspection (RBI) and reliability-centered maintenance (RCM) analyses with operating envelope expansions and what methodologies do you use to ensure reliability while expanding operating envelopes?

Reliability-centered Maintenance

5. How have remaining life assessments of fired heater tubes improved reliability and what methods of inspection and tracking have you utilized to determine failure?

Risk-based Inspection

6. What reliability strategies have you employed for infrastructure utilities including process lines outside unit battery limits?
7. What available best practices or technologies do you prefer for the inspection of process piping and pipelines within your facility? Is your facility installing plugged header inserts to allow passage of intelligent pigs for inspection purposes and what are the piping size limitations?

Valves – Low Fugitive Emissions

8. What types of valves and packing configurations do you use for meeting fugitive emissions requirements in frequent-cycle applications?

Q & A Session Notes

Thursday
May 21, 2009

Q & A Session Notes

Concurrent Sessions

2:45 pm – 4:00 pm

Track 2:
Improving Maintenance Practices
Texas 3 - 4

RMC-09-25

Flexible Aerogel Insulation for Industrial Applications

John Williams, Aspen Aerogels
Amaro Bustamante, LyondellBasell Industries

This presentation will provide an introduction to the use of flexible aerogel blankets for thermal insulation in the petrochemical environment. Several applications and case studies will be discussed.

Track 3:
Procurement
San Antonio 4 - 6

RMC-09-42

Strategic Supplier Scorecards

Richard Benyon, Decideware

This workshop will look at how to structure a strategic supplier performance management program and develop and deploy best practice strategic supplier scorecards to become a better client using 360 feedback.

Track 4:
Principles & Practices
Texas 1 - 2

RMC-09-39
**Real World Application of
Key Performance Indicators**
Randy Scherer, Meridium

It is important to understand key performance indicators (KPIs) and how to select KPIs that measure performance that can be clearly linked to actions and behaviors so that they illuminate the path to improved performance. Effective use of KPIs also requires systematic follow-up and documentation of changes that are made to improve performance.

Track 5:
Reliability
Texas 5 - 6

RMC-09-27
**Risk-Based Asset Management –
Delivering and Sustaining
Value Across a Mid-Sized
Refining Enterprise**
Jim McVay, Tesoro Refining

This workshop will describe the steps Tesoro took to implement a comprehensive fixed equipment risk-based asset management program across the enterprise. We will describe the business case development for the RBI project and go on to describe some of the realized benefits to date and how value of the program is measured and maintained.

Concurrent Sessions
continue on page 46.

Concurrent Sessions

2:45 pm – 4:00 pm

Track 6:
Safety & Mechanical Integrity
Dallas 5 - 7

RMC-09-38

**Next Generation PSM –
Integrating Management of Change
with Loss Prevention Measures**

David Drerup, PSRG, Inc.

This workshop will focus on best practices for operational risk management including EH&S, process safety and reliability.

Track 7:
Turnarounds
Texas D

RMC-09-26

**Predictability and Control of Spend
at BP Texas City**

Doris Prewitt, BP

Jack Kistenmacher, BP (retired)

Jack Hall, WorkTech

Mark White, Faithful+Gould

BP Texas City Refinery has made great strides since 2005 in efficient, accurate and timely gathering of cost data in fine detail for virtually all of its contractors at the refinery. In addition, the refinery has improved its ability to analyze the information and act on it to control all asset maintenance and upgrades. BP continues to work on all aspects of this new direction to better control its spend for its assets.

Exhibition and Reception

4:00 pm – 6:00 pm

Longhorn Hall C - F

Thursday
May 21, 2009

Notes

The New RCM –
Reliable, Competitive
Manufacturing

Friday
May 22, 2009

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Friday
May 22



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The New RCM –
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Friday
May 22



NPRA

Q&A Session

8:30 am – 10:00 am

Track 7:
Turnarounds
Texas C

Turnarounds Q&A Session / Panelists

Kirk Kallenberger is

Site Turnaround Manager for Motiva Enterprises, LLC, Norco Refinery. Kirk began his professional career in the refining industry over 18 years ago. He has worked in four refineries serving in a variety of roles primarily focused on major projects, maintenance and turnarounds. For the past five years he has been working in turnaround leadership roles at the two Motiva refineries in Louisiana. Kirk has been a part of or led the planning and execution of over 15 Turnarounds at the four sites where he has worked. These turnarounds have included cat crackers, hydrocrackers, hydrotreaters, sulfur plants, alkylation units, fluid cokers and reformers.



Rodney Landry is

project manager for the maintenance and turnaround division for Turner Industries Group, LLC. He has over 25 years experience and is responsible for all maintenance, capital projects, and turnarounds at the Shell/Motiva Convent and Norco sites.



Matt Lawrence is

the Mechanical Manager at the Chalmette Refinery, a joint venture between ExxonMobil & PDVSA. He has 28 years of refinery experience, including assignments at ExxonMobil's Baytown and Beaumont Refineries. He has over 15 years of management experience in both routine maintenance and turnarounds. Other experience includes staff and management positions in engineering and operations. Matt holds a BS in Mechanical Engineering from Texas A&M University.



Ryan Miller is a

Superintendent at Houston Refining LP in Houston, TX. His background includes experience in process engineering support, Operations, and Maintenance. Ryan's process engineering background includes Operations support, capital project design and execution, and turnaround planning and execution for various process units. Ryan's Operations experience was focused at the FCC where he was responsible for all facets of production, financial, and personnel performance on the process unit. Ryan's maintenance experience includes responsibilities for all maintenance production, financial, and personnel performance for various business areas of the refinery. Ryan holds a degree in Chemical Engineering from Texas A&M University.



Questions start on page 50.

Q&A Session

8:30 am – 10:00 am

Track 7:
Turnarounds
Texas C

Turnarounds Q&A Session

Questions

Safety

1. What unique or special approaches to safety do you use during turnarounds?
2. Do you have any special permitting provisions during turnarounds?
3. Does your company have a fatigue policy that applies to turnaround workers? How do you enforce the policy?

Scope Development

4. How are you utilizing results from risk-based inspection and risk-based analyses (RBI/RBA) to develop the turnaround work list?

Contracting Strategy

5. Given the dramatic change in overall economic conditions since last year and the amount of large projects that are being shelved or delayed, what commercial strategy (i.e. T&M, lump sum, cost plus fixed fee, or a hybrid approach) do you recommend for turnaround work and how far in advance of the turnaround do you have to commit to tie-up key resources?
6. How do you manage Operations preparation in the four weeks prior to feed out? Do you stop all pre-turnaround maintenance work so that Operations is not burdened with permitting responsibilities or do you bring in additional resources so that Operations can monitor pre-turnaround work while making their own turnaround preparations? Do you include Operations activities in the turnaround schedule?

Operations

- 7.** Do you clear and clean the process units in stages, i.e. do you allow maintenance work to begin before the entire process unit is ready?
- 8.** Given the recent advances in NDE technologies, are any of these proven technologies impacting work list development, discovery phase scheduling, and inspection execution planning before and during the turn-around?

Inspection Contingency Planning

- 9.** How do you develop contingency plans for work that involves materials or specialty items with long lead times such as alloys or engineered components?
- 10.** How do you integrate capital construction work during your turnaround with respect to managing the work activities during the turnaround window and planning, scheduling, and tracking the costs?

Friday
May 22, 2009

Q & A Session Notes

Friday
May 22, 2009

Q & A Session Notes

Ethics Workshop

10:15 am – 11:30 am

Dallas 5 - 7

David Karp, LRN

The ethics workshop will review engineers' roles and responsibilities in applying professional engineering ethics to their professional conduct. The discussion will begin with a definition of ethics and then discuss situations where ethics are brought to bear.

This workshop is intended to provide the training needed to maintain a professional engineer's license in those states that require one hour of training per renewal period. NPRA will provide certificates to those that attend.

Friday
May 22, 2009

Notes

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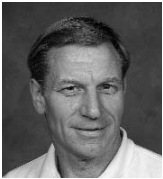
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Manager, Mechanical
Integrity & Reliability
ConocoPhillips



Bubbie Anderson
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Marathon Petroleum Company LLC



Kevin Bauman
Maintenance IT Strategy Lead
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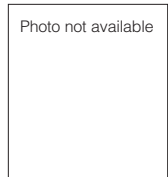
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Tim Gaustad
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Brad Hase
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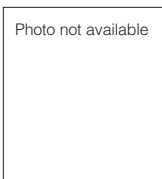
David Jones
Manager of Turnarounds
and Reliability
Murphy Oil USA, Inc.



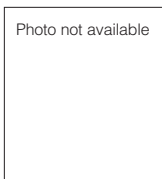
John Kmetz
Corporate Manager - Turnarounds /
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Chevron Phillips Chemical Company



Chris Knotts
Maintenance Manager
Delek Inc.



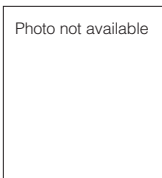
Jeff Krafve
Motiva Enterprises LLC



Scott Lemoine
Texas Petrochemicals



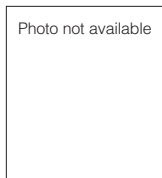
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Manager Reliability and
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Steve Ridge
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Coby Stewart
Manager – Maintenance &
Reliability
Frontier El Dorado
Refining Company



Ted Tolleson
Maintenance and Reliability Leader
E.I. DuPont de Nemours & Co.



Ewan Warbeck
Maintenance Practices Manager
BP p.l.c.



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Exhibition Hours

Tuesday, May 19

Reception

5:00 pm – 8:00 pm

Wednesday, May 20

Lunch

11:15 am – 1:00 pm

Reception

4:00 pm – 6:00 pm

Thursday, May 21

Lunch

11:15 am – 1:00 pm

Reception

4:00 pm – 6:00 pm

**Floor Plan on
Inside Back Cover**

List of Exhibitors: By Description

360training (1833)

13801 N Mopac Expy.
Suite 100
Austin, TX 78727
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570-459-1112

Ed Thompson
ethompson@dbiservices.com
www.dbiservices.com

Vegetation management solutions such as bareground, broadleaf, brush and vine control, pgr, aquatic and invasive species. Programs to oil terminals, manufacturing facilities and other large industrial sites throughout North America.

Dehumidification Technologies, Inc. (508)

6609 Ave U
Houston, TX 77011
713-939-1166

Brian Battle
bbattle@rentdh.com
www.rentdh.com

Service Company which supplies dehumidifiers (desiccant and refrigerant) and temperature control equipment.

List of Exhibitors: By Description

Delta Rigging & Tools (637)

122 West Way
Suite 300
Lake Jackson, TX 77566
979-285-6100
Anthony Piwonka
apiwonka@deltarigging.com
www.deltarigging.com
Delta Rigging & Tools specializes in the rental of lifting & rigging equipment. Air chain hoists & trolleys up to 100 ton capacity available with lengths of lift up to 200'. Complete turnaround tool up for turnarounds & outages, including special applications for FCCU lifts.

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281-821-3006
Paul Gugenheim
paul@fiberwrap.com
www.fiberwrap.com
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Delta Tech Service, Inc. (306)

397 W. Channel Road
Benicia, CA 94510
707-745-2080
Joe Blood
jblood@deltatechservice.com
www.deltatechservice.com
Plant Decontamination, Modular Low Point Drain Manifold Rentals, Acid Cleaning, Chemical Cleaning, Oil Flushing, Hydro-Blasting, Hydro-Testing, Proprietary Chemical Sales.

Deltak Manufacturing Inc (1725)

39455 John Lanier Rd.
Walker, LA 70785
225-777-4775
Johnny Curtis
johnny.curtis@deltak.com
Small section industrial duct. Fabricated screen filters, Examples of precision laser cutting (tray tower parts).

DeltaValve (413)

857 W. South Jordan Pkwy.
South Jordan, UT 84095
801-495-5850
Michael Gonzales
sales@deltavalve.com
www.deltavalve.com
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604-984-3674
Jeff Leake
info@desmaint.com
www.desmaint.com
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nrstelly@drakespec.com
www.drakespec.com
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DSI Valve (608)

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866-229-4374
Ed Acevedo
michael.donoghue@dsivalve.com
www.dsivalve.com
DSI Valve manufactures cast and forged steel Gate, Globe and Check valves – All grades of materials for Refining and Petrochemical Industries.

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410-21st Street South, PO Box 3028
Texas City, TX 77592
409-948-1704
Jim Fonte
info@dunnheat.com
www.dunnheat.com

Dunn specializes in the cleaning, repair, design, fabrication and testing of shell and tube-type heat exchangers and unfired pressure vessels.

EIMCO (1733)

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Houston, TX 77058
281-480-7955 ext.38
Claire Madson
claire.madson@glv.com
www.glv.com

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Kim Nichols
info@emersonprocess.com
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707-206-2757
Steve Holmstrom
steve.h@envtechinc.com
envtechinc.com

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985-851-5350
Harry Keesing
doc@esandh.com
www.esandh.com

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EST Group, Inc. (1201)

2701 Township Line Road
Hatfield, PA 19440
215-721-1100
Jack Metzger
info@estgrp.com
www.estgrp.com

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20600 Chagrin Blvd.

Suite 1200

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216-283-9519

Gary Frantz

gprantz@equityeng.com

www.EquityEng.com

The Equity Engineering Group (E2G) is an engineering services firm that is internationally recognized as a leader in developing fixed equipment engineering standards and advanced technologies that help keep oil refining and petrochemical plants safe and operating at top capacity. Our focus is on aging infrastructure service and support.

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Houston, TX 77017

713-534-8656

Chris Boase

chris.boase@evereadyenergy.com

www.evereadyenergy.com

Pigging Decoking, Industrial Services.

Everlasting Valve (1724)

108 Somogyi Court

South Plainfield, NJ 07080

908-769-0700

David Jenkins

djenkins@everlastingvalveusa.com

www.everlastingvalveusa.com

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www.goinfrared.com

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Innovative Turnaround Controls (1524)

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KBR (113)

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beth.mitchell@lr.org
www.cap-eng.com

Lloyd's Register Capstone offers engineering services with recognized expertise in Risk Based Inspection, Risk/Reliability, Materials Engineering, Maintenance/Inspection, and Project Management. We are committed to providing value-added services and technology that will improve equipment integrity and reliability within the process industry. Our experience includes Refining, Petrochemical, Chemical, and Pulp & Paper industries.

Lubrication Systems Company (1101)

1740 Stebbins Drive
Houston, TX 77224
713-464-6266

Chris Berthiaume
chris.berthiaume@colfaxcorp.com
www.lsc.com

LubriMist; oil mist lubrication for improving rotating equipment MTBR. ThermoJet oil purifier for degassing of sour seal oil and 100% water removal. LOS pre engineered lube oil systems for compressors, large motors and other rotating equipment.

M.E.A., Inc. (425)

2600 American Ln.
Elk Grove Village, IL 60007
847-766-9040

Marge Dombrowski
contact@meaincorporated.com
www.meaincorporated.com
Redundant Digital controlled actuator for slide and plug valves used on FCCU's worldwide.

Maintenance Enterprises, Inc. (631)

52410 Clark Road
White Castle, LA 70788
225-545-4104

A.J. Angelloz
angellozaj@crownterprises.com
www.crownterprises.com/m/index.htm
General Contractor specializing in the

maintenance and construction of fired equipment and boilers; emergency response and turnaround services in refineries and chemical plants.

Management Resources Group, Inc. (932)

555 Heritage Road
Southbury, CT 06488
203-264-0500

Pam Lynch
sales@mrginc.net
www.mrginc.net

MRG is a professional services firm dedicated to assisting our clients in their effort to optimize the reliability and performance of their physical assets, thereby maximizing the financial and business return on those assets.

The Manufacturing Game (1400)

7702 FM 1960 East
Suite 226
Humble, TX 77346
281-812-4148

Carol Braun
info@mfg-game.com
www.mfg-game.com

Through an interactive workshop and simulation, The Manufacturing Game introduces a cross functional approach to engage the workforce in equipment reliability through elimination of defects. It employs organizational learning to collapse time and move from reactive to proactive maintenance and operations in order to increase production while reducing outages, waste and high costs.

Mascoat Products (1038)

4310 Campbell Road
Houston, TX 77041
713-465-0304

Chad Davis
info@mascoat.com
www.mascoat.com

Mascoat Products, manufacturer of Delta T Marine, Delta~dB, Delta T Industrial and WeatherBloc Insulating Coatings, has been designing, distributing and manufacturing insulating coatings since 1995. It is Mascoat's belief that there is no "catch-all" insulation, so each coating is made specifically for its intended purpose, whether it be industrial, marine, commercial or residential.

Lloyd's Register Capstone, Inc. – McJunkin Red Man Corporation

Mass Transfer Limited (406)

521 S. 16th Street
La Porte, TX 77571
281-991-8866
Amy Amman
amy.amman@mtl-us.com
www.mtl-us.com
Manufacturers of trays, packing, mist eliminators, reactor internals, consignment hardware and related mass transfer equipment and products.

Matrix Inspection & Engineering (1100)

10607 Haddington, Suite 100
Houston, TX 77043
713-722-7177
John Janzen
jjanzen@irisndt.com
www.matrixie.com
Guide wave (GUL), Tube Inspection, Data Management, AUT.

Matrix Service Company (1119)

5100 E. Skelly Drive - Ste 700
Tulsa, OK 74135
918-838-8822
DeAnna Starcher
dstarcher@matrixservice.com
www.matrixservice.com
Full service contractor specializing in construction, repair, maintenance, and fabrication services for the refining and petrochemical industries. Services include turnarounds, industrial cleaning, plant maintenance, ASME repairs and modifications, electrical, instrumentation, fabrication and construction.

MB Industries (419)

1148 E. Texas Avenue
P.O. Box 809
Rayne, TX 70578
337-334-1900
Shawn Istre
info@mbindustries.com
mbindustries.com
MBI is the largest manufacturer of protective building systems in the world. Our buildings provide protection from blast overpressures, projectiles, ballistics, forced entry, thermal, chemical release, hurricane/tornado/earthquakes and noise. Buildings are available for purchase or lease.

McDonough Construction Rentals, Inc. (1308)

8411 Villa Drive
Houston, TX 77061
713-574-8100
Steve Ridout
steve.ridout@mcdrentals.net
www.mcdrentals.net
Rental, installation and maintenance of industrial rack and pinion elevators for temporary use during turnarounds and new construction in refinery applications.

McGrath RentCorp (436)

5700 Las Positas Rd.
Livermore, CA 94551
800-344-9442
Martin Nutt
information@mgrc.com
www.mgrc.com
McGrath RentCorp was founded in 1979 and is headquartered in Livermore, California. The Company is a diversified business-to-business rental provider that is comprised of the following units: Adler Tank Rentals, Mobile Modular Management Corp., Mobile Modular Portable Storage, TRS-RenTelco, TRS-Environmental and Enviroplex.

McJunkin Red Man Corporation (1601)

835 Hillcrest Drive
Charleston, WV 25311
304-348-5211
Jennifer Hatten
info@mcjunkinredman.com
www.mcjunkinredman.com
McJunkin Red Man is an international distributor of industrial carbon, stainless, alloy and corrosion resistant pipe, valves, flanges, fittings, tubing, oil and gas supplies, valve automation, instrumentation, and steam products.

List of Exhibitors: By Description

Meridium Inc. (407)

10 S. Jefferson Street
11th Floor
Roanoke, VA 24011
540-344-9205
Tina Scott
info@meridium.com
www.meridium.com

Meridium, Inc. is the global leader in asset performance management solutions for the process industries. With Meridium software and services, companies can improve profitability and achieve predictable production capacity without additional capital expense by increasing reliability and improving the performance of their production assets.

Metegrity (1631)

5715 - 76 Ave
Edmonton, AB T6B 0A7 Canada
780-485-8502
Michael McConnell
dpelletier@metegrity.com
www.visions-enterprise.com

Metegrity delivers lifecycle asset solutions designed to increase safety and long-term reliability while reducing operating costs. Visions software provides engineering data/design analysis, RBI management, inspection planning/scheduling and thickness monitoring.

Modern EPC, Inc. (537)

550 Fannin, Suite 845
Beaumont, TX 77701
409-813-3700
Danny Trahan
danny.trahan@modernepc.com
Engineering, procurement, fabrication and construction for the refining and petrochemical industries.

Modular Security Systems, Inc. (1638)

1804 N. 2nd Street
Ironton, OH 45638
740-532-7822
Steve Shelton
sshelton@modularsecuritysystems.com
www.modularsecuritysystems.com
Modular Access Control (MAC) Portals are instantly deployable access control gates for use on critical job sites. The MAC Portal is the modern day brass shack.

MOST (1625)

753 State Avenue
Suite 800
Kansas City, KS 66101
800-395-1089
Bridget Connors
bconnors@mostprograms.com
www.mostprograms.com
Drug testing, PFT/RFT, Safety Training, eyeglasses, welding, recruitment, internship.

Mourik LP (1825)

2230 Pansy ST
Pasadena, TX 77503
281-479-4449
Robin Franco
rfranco@mourik-usa.com
www.mourik-usa.com
Catalyst Handling

The Mundy Companies (807)

11150 South Wilcrest Drive
Houston, TX 77099
281-530-8711
Bobby Massengale
CrystalCedo@mundycos.com
www.mundycos.com
Privately held, Mundy's open-shop work force handles supplemental maintenance, capital projects, outages, turnarounds and related contract services. With five STAR sites, the Mundy name stands for Safety, Quality and Productivity

Nantong Special Steel Company (1830)

111 Anza Blvd.
Suite 350
Burlingame, CA 94010
707-980-0799
Yi Dong
ydong@kurtorbanpartners.com
Nantong is one of the top quality stainless and chrome pipe producer in the world. An independent integrated steel mill approved by Lyondell, ConocoPhillips and Techip(KTI).

Meridium Inc. – Oilind Safety

NDT Seals (1206)

1333 Sterrett Street
Houston, TX 77002
713-222-7584
Deal Moore
info@ndtseals.com
www.ndtseals.com

We manufacture the patented NDT Inspection Plug for inspection of insulated pipe and equipment.

The Newdell Company (1817)

13750 Hollister Road
Houston, TX 77086
713-590-1312
Teresa Bruton
tbruton@newdellco.com
Smith Forged Steel Valves and PK Cast and Alloy Valves.

Nooter Construction Company (1107)

1500 South 2nd Street
St. Louis, MO 63104
314-421-7600
Alan Yarosh
ahyarosh@nooter.com
www.nooterconstruction.com
Nooter Construction is an FCC Turnaround/Revamp expert. In addition Nooter services include refinery turnarounds, new equipment erection and capital project construction. Our subsidiary Delta Nooter provides exchanger services. We are known for customer satisfaction, safety performance and quality workmanship.

Novinium (1731)

22019 70th Avenue South
Kent, WA 98032
206-529-4828
Richard Brinton
rich.brinton@novinium.com
www.novinium.com
Novinium, the technology leader in power cable restoration, offers a product for cable life extension, which is safe use and extends power cable life 40-years. The installation is very quick, the injected fluid acts fast, and you get a 40-year money back warranty. Don't replace older power cables, rejuvenated them for one-half the cost.

Nutec Fibratec (532)

Blvd. Industrias 1900
Ramos Arizpe, Coahuila 25900 Mexico
52-81-81514632
Rafael de la Torre
rafaeldelatorre@nutec.com
www.nutecfibratec.com

Nutec Fibratec is a world player in the production of high temperature insulation materials such as Ceramic & Soluble Fibers (Blanket, Modules, Vacuum Formed Shapes, bulk, Boards, Papers). Also we offer our customers our expertise on solving heating problems by giving them a value added service and products.

Ohmstede, Ltd. (501)

895 N. Main Street
Beaumont, TX 77701
409-981-6609
Bill Reid
breid@ohmstede.net
www.ohmstede.com
Ohmstede is the largest manufacturer of shell and tube heat exchangers in North America. Ohmstede offers 24/7 repair capabilities from its 5 Gulf Coast shops. Ohmstede provides turnaround planning, turnarounds, and specialty call-out field service work.

Oilind Safety (825)

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Phoenix, AZ 85040-3979
602-459-3031
Rusty Coker
corporate@oilind.com
www.oilind.com
Safety equipment and rentals; safety consulting; plant on-site stores; safety supervision and training; gas monitor sales, rental and repairs; safety auditing; supplied breathing air and breathing air equipment rentals; safety personnel/teams and confined space rescue services.

List of Exhibitors: By Description

Onis Inc. (307)

One Riverway, Suite 1700
Houston, TX 77056
713-840-6377
Ben Losack
onisinc@onislineblind.com
www.onislineblind.com

The Onis Line Blind is an inline blind that replaces spectacle and slip blinds for positive isolation. Only one person is needed to operate the blind using zero tools and blinding is complete in less than 2 minutes. Improve safety by reducing exposure and increase production by minimizing downtime. Plant operators can perform blinding in minutes; very reliable equipment with 30 years of service. (Size: 1/2"-50", Pres: 150#-2500#, Temp: -152F to 1400F).

Oreco (936)

Lejrvej 25
Vaerloese, DK-3500 Denmark
45-4332-0200
Christine Qvistorff
info@oreco.com
www.oreco.com

Oreco A/S develops and markets automated, non-man-entry tank cleaning and oil recovery solutions. The mobile and fully integrated process systems combine cleaning of aboveground oil storage tanks with simultaneous sludge separation for recovering of hydrocarbons and minimizing polluting by-products. Oreco also markets mobile, on-site nitrogen generators for tank blanketing and other downstream or upstream applications needing an inert atmosphere.

P.A. Inc. (1208)

6626 Gulf Freeway
Houston, TX 77087
713-570-4923
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bobcountryman@painc.com
www.painc.com

Leading pipe, fitting and flange stocking distributor of Nickel 200; Monel 400; Inconel 600,601,625,690; Incoloy 800,800H/HT,825; Alloy 020; Hastelloy C-276; Duplex 2205 and SS 304H. May also provide custom fabricated components per your drawings. In-house PMI and LPT available by certified technicians.

PAC West Supply (1829)

14393 Roadrunner Lane
Burlington, WA 38233
360-588-3284
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info@gorillaguardonline.com
Gorilla Guard Ladder Cage Enclosure – the only commercially available retrofit kit designed to meet OSHA Retrofit requirements of 1910.27 Fig D-9.

Pala-Interstate, LLC (732)

16347 Old Hammond Highway
Baton Rouge, LA 70816
225-226-7400
Michael Leblanc
info@palagroup.com
www.palagroup.com
PALA-Interstate, LLC is a Gulf-Coast based Merit Shop Industrial Contractor which performs construction, maintenance, storage tank and vessel design / fabrication. PALA employs an average of 1000 employees with annual sales of \$100 Million. We are licensed throughout the Southern United States.

Patent Plant Services (1718)

14942 Talcott
Houston, TX 77015
281-452-1600
Kenneth Chevis
kchevis@harsco.com
Patent Plant Services (Harsco Industrial Service) is the world's leading contractor for Access and Frowork Services to the Petrochemical, Power Generation and Process Industry's.

Paul Mueller Company (313)

PO Box 828
1600 W. Phelps St.
Springfield, MO 65802
417-575-9392
Steven McEntire
smcentire@muel.com
The Paul Mueller Company, established in 1940, specializes in the design and manufacture of Shell & Tube Heat Exchangers and Pressure Vessels for a broad range of hydrocarbon applications and industries. Product line is designed and manufactured in accordance to ASME & TEMA.

Onis Inc. – Process Industry Practices (PIP)

PdMA Corporation (702)

5909 - C Hampton Oaks Parkway

Tampa, FL 33610

813-621-6463

Tim Owens

pdma@pdma.com

www.pdma.com

Since 1983, PdMA Corporation has been the foremost leader in the area of predictive maintenance. With the MCE, EMAX and MCEMax motor testers, MTAP2, and the revolutionary new software MCEGold.

PECOFacet (437)

118 Washington Street

P.O. Box 640

Mineral Wells, TX 76067

707-869-0310

Laura Lynne

lauly@pecofacet.com

www.pecofacet.com

Filter, Coalescer Elements, Sintered Metal Filters, Liquid-Liquid Coalescer Demonstration, Videos showing how coalescers and filters work, technical assistance for selecting elements to clean liquids and gases (e.g. amine, fuel gas).

Peinemann Equipment (931)

2230 Pansy

Pasadena, TX 77503

713-748-9937

Sean Baker

sean.baker@peinemann.nl

www.peinemannequipment.com

Manufacturer of heat exchanger maintenance equipment for removing, replacing, and cleaning tube bundles. Products include aerial, truck mounted and self propelled bundle extractors and rigid and flex lancing machines for cleaning bundles.

Petro-Chem Development Co. (1811)

8310 East 73rd Street South

Tulsa, OK 74133

918-254-8000

Danny Hayes

dhayes@petro-chemusa.com

Petro-Chem provides engineering, design, supply and revamps of process furnaces for refining and petrochemical plants worldwide. We also provide emissions reduction using combustion and SCR technology.

Petrochem Field Services (1230)

2429 Wilson Road

Humble, TX 77396

281-441-2550

Howard Smith

smithh@pfs-us.com

www.pfs-us.com

Tower Tray and Packing Installation;
Tower and Vessel Revamp and Repair;
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PetroChem Inspection Services (1706)

1475 E. Sam Houston Parkway

Suite, Suite 100

Houston, TX 77503

281-884-5100

Del Richie

del_richie@petrochemintl.com

www.petrochemintl.com

MI, Turnaround Inspection, NDE Services, ACFM, CR, CAD Drawing, Helium Leak Testing, PMI, VQA, Tank Inspection and Tank Calibration along with a complete array of Non-Destructive Testing Services.

Pressure Equipment Engineering Service (1632)

402 Wild Peach Place

Missouri City, TX 77459

281-261-4628

Bharat Batra

bharat@peesi.com

Specializes in design, analysis, re-rating and fitness-for-service evaluations for pressure vessels, boilers, heat exchangers, storage tanks and piping. Analysis is performed to assure Mechanical Integrity of above equipment. Finite Element analysis, Piping stress analysis etc. are used for solutions to the problems. PEESI also specializes in Structural, fatigue and failure analysis.

Process Industry Practices (PIP) (606)

3925 West Braker Lane

(R4500)

Austin, TX 78759

512-232-3010

Nancy Rushing

manager@pip.org

www.pip.org

Examples of our practices in 8 engineering disciplines will be displayed.

List of Exhibitors: By Description

PROGNOST Systems, Inc. (1700)

1020 Bay Area Blvd.
Suite 118
Houston, TX 77058
281-480-9300
Skip Morrison
smorrison@prognost.com
www.prognost.com

Prognost is the recognized leader in online condition monitoring and diagnostic technology specifically for reciprocating machinery. Prognost "SILver," the new fully SIL 2 certified machinery protection system can virtually eliminate instances of false trips and missed detects all too common with conventional rack based systems.

Pro-Inspect (1130)

1710 Sens Road
La Porte, TX 77571
281-470-7783
Steve Wells
proteam@pro-inspect.com
www.pro-inspect.com
Pro-Inspect offers world class inspection services in maintenance T/A's, mechanical integrity and vendor surveillance.

Project Assurance (1624)

2000 S. Dairy Ashford Dr., Suite 296
Houston, TX 77077
281-496-0100
A. Bobby Singh
excel@projectassurance.com
www.projectassurance.com
Turnaround management, consulting and training services.

Q.Pro Technical Services (213)

10620 Rockley Rd
Houston, TX 77099
713-366-0700
James Arnett
james.arnett@qpro.us
www.qpro.us
Q.Pro Technical Services specializes in advanced nondestructive testing (NDT), mechanical integrity inspection, and asset management services, providing cutting edge corrosion assessment and weld inspection of plant piping systems, insulated, coated, and buried transmission lines, pressure vessels, and above ground storage tanks.

Quest Integrity Group (Quest TruTec) (1431)

16920 Texas Avenue #C-14
Webster, TX 77598
281-557-2255 ext.102
Margo Reyna
m.reyna@questtrutech.com
www.questtrutech.com
Quest Integrity Group (Quest TruTec) provides specialty NDT inspection, performance modeling and process solutions to the global refining, pipeline, chemical and gas processing and power generation industries utilizing its highly quantitative and proprietary, data-centric technologies and software.

Rain for Rent (1815)

3404 State Road
Bakersfield, CA 93308
661-399-9124
Gwenetta Hogg
info@rainforrent.com
www.rainforrent.com
Rain for Rent combines rental pumps, pipes, tanks and filtration systems into creative solutions for your temporary liquid handling needs.

Raschig-Jaeger Technologies (519)

1611 Peachleaf St.
Houston, TX 77039
281-449-9500
John Halbirt
jhalbirt@jaeger.com
www.jaeger.com
Raschig-Jaeger manufacturers and markets a complete line of high performance packing and column internals including Reactor Internals.

Reliability Management Group (906)

151 W. Burnsville Parkway, Suite 224
Burnsville, MN 55337
952-882-8122
Pam Jacobs
pwensmann@rmgmpls.com
www.rmgmpls.com
RMG specializes in delivering bottom line results to our customers through improvements in Human and Equipment Reliability. RMG's Analysis (cr), Foundation Building (cr), Masters of Implementation (cr) skills ensure that results are captured.

**PROGNOST Systems, Inc. –
Robert J. Jenkins & Company**

REMOSA - UNITED VALVE (531)

10010 Gulf Freeway
Houston, TX 77034
713-947-4526
William Cathriner
wcat20@swbell.net
www.remosa-valves.com
Repair FCCU slide, butterfly, diverter valves & internal parts. Supervise field repair & installation. Repair gate, globe and butterfly valves for refineries and petrochemical plants.

Remote Access Technology USA (1408)

124 Parker Avenue
Rodeo, CA 94572
510-245-8728
Mark Howe
markhowe@tcirat.com
www.ratsonline.com
Remote Access Technology specializes in Industrial Rope Access for inspection, maintenance and NDE services. Multi-disciplined technicians use rope access methods to safely reach areas of concern and perform work from small tasks to major projects. RAT provides a flexible, cost-effective alternative to scaffolding for industries with difficult to reach locations.

Rentech Boiler Services, Inc. (1113)

5025C East Highway 80
Abilene, TX 79604
325-672-2900
Lee King
david@rentechservices.com
www.rentechservices.com
Repair, rebuild and engineered upgrades of boilers, superheaters, and economizers.

RepconStrickland (1219)

1605 S. Battleground Road
La Porte, TX 77571
281-478-6200
Whitney Strickland
wstrickland@altairstrickland.com
www.repconstrickland.com
RepconStrickland is a group of independent speciality contractors servicing the refining, petrochemical, power and paper industries.

Resco Products, Inc. (706)

2-Penn Center West
Suite 430
Pittsburgh, PA 15276
812-631-4945
Eric Nedreberg
Eric.Nedreberg@RescoProducts.Com
www.rescoproducts.com
Manufacturer of high quality refractory products for the HPI industry. Resco has engineered new products for this ever changing industry for the past 62 years.

Revak Turbomachinery Services (1238)

12204 Fairmont Parkway
La Porte, TX 77571
281-474-4458
Glenda Palermo
sales@hoerbiger.com
The Revak Companies offer manufacturing and repairs of rotating equipment, turbines, pumps, hydraulic governors and Babbitt bearings. Our parts division, L-Mart, supplies surplus or reconditioned equipment and part. We offer a humidity-controlled storage to service our customers worldwide.

RHI (536)

3155 Fir Tree Dr.
North Royalton, OH 44133
440-582-0661
Allen Jurowski
allen.jurowski@vra.ca
Refractory products for the hydrocarbon processing market worldwide.

Robert J. Jenkins & Company (700)

906 Medical Center Blvd.
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281-332-2566
Tony Sims
tsims@rjjenkins.com
www.rjjenkins.com
The world leader in refractory project solutions since 1977. Consulting, Inspection, Testing and Training.

List of Exhibitors: By Description

Royal Purple (1025)

1 Royal Purple Lane
Porter, TX 77365
281-354-8600 ext.231
Aline Peeples
rptech@royalpurple.com
www.royalpurple.com
Royal Purple manufactures premium quality, energy efficient synthetic lubricants. Royal Purple Lubricants feature the unique ability to provide noncorrosive extreme pressure protection in moist environments.

RSC Equipment Rental (1013)

8787 Highway 225
LaPorte, TX 77571
281-228-6972
Katrell McNeil
Rent@RSCrental.com
www.rscrental.com
RSC Equipment Rental is a leading provider of equipment rental services with over 465 locations. RSC delivers loyal customer support needed to build the future. Contact 800.222.7777 or visit RSCrental.com.

Satellite Shelters, Inc. (1508)

2530 Xenium Lane North
Minneapolis, MN 55441
763-551-7308
Sabrina Ferber
inquiry@satelliteco.com
www.satelliteco.com
For over 35 years, Satellite Shelters, Inc. has been a national provider of temporary and permanent space solutions including mobile offices, modular buildings, ground level offices, containers and blast resistant modules.

Scaffold Engineering Inc. (1824)

631 Northlake Drive
New Braunfels, TX 78130
830-708-0529
Ed Foster
info@scaffengineering.com
www.scaffengineering.com
Scaffolding and shoring design services for all aspects of plant maintenance, repair and construction.

Scaffold Industry Association, Inc. (636)

400 Admiral
Kansas City, MO 64106
816-595-4860
Elouise Schultz
elouise@scaffold.org
www.scaffold.org
Safety & Training.

Senior Flexonics Pathway (1126)

2400 Longhorn Industrial Dr.
New Braunfels, TX 78130
830-629-8080 ext.632
David Peterson
dpeterson@pathwayb.com
www.myej.com
Engineered metal expansion joints for process piping applications, fabric expansion joints for flue gas ducting, damper products for control and isolation of flue gas and On-Site-Services for field servicing of expansion joint and damper products.

Sentinel Integrity Solutions (626)

3636 South Alameda
Suite B #213
Corpus Christi, TX 78411
361-877-2755
Mike Shaw
mike.shaw@sentinel-is.net
www.sentinel-is.net
Sentinel Integrity Solutions is a full service inspection co. Offering Asset integrity management/RBI, turn key turnaround inspection service. Specialized non destructive testing and run and maintain services.

SKF USA Inc. (1502)

1510 Gehman Road
Kulpsville, PA 19443
215-513-4400
Sally Yundt
skfusainfo@skf.com
www.skf.com
SKF Reliability Systems offers a comprehensive approach to optimizing asset efficiency. Combining high skill, applications expertise and advanced maintenance and reliability products and services, SKF helps facilities improve processes and transform culture to increase productivity and profitability.

Royal Purple – SRR-IBS (Service Radio Rentals/ Industrial Blind Solutions)

Smithco Engineering Inc (724)

6312 South 39th West Avenue
Tulsa, OK 74132
918-388-0303
Jim Matthews
info@smithco-eng.com
www.smithco-eng.com

Smithco Engineering, Inc. engineers and fabricates air-cooled heat exchangers, serving refineries, gas processors, gas transmission markets, petrochemical manufacturers, utilities, power generation and other heavy industries. The comprehensive range of custom-built air-cooled heat exchangers includes forced and induced draft, vertical and horizontal, motor or engine driven, steam condensers and high pressure applications.

SNC-Lavalin (725)

9009 West Loop South
Suite 800
Houston, TX 77096-1719
713-667-9162
Meg Leachman
meg.leachman@sncl.us
www.snclavalin-gds.com
Engineering, procurement and construction services.

Solon Manufacturing Co. (930)

P.O. 207
Chardon, OH 44024
440-286-7149
Fran Pugliese
fpugliese@solonmfg.com
www.solonmfg.com
Solon Manufacturing's Belleville Springs and Flange Washers are used for live loading of valves, flanges and heat exchangers where vibration, differential thermal expansion, relaxation and bolt creep are problematic. They significantly reduce the risk of failure by maintaining more of the original bolt preload. Solon Pressure Switches are used on high pressure oil and gas applications. Highly specialized switches can be ordered and shipped the next day.

Southeast Texas Industries (838)

35911 S. Hwy 96
Buna, TX 77612
409-994-3570
Matt Buchanan
mbuchanan@setxind.com
www.setxind.com

Custom fabrication: pipe and cylindrical, sheet metal, plate and structural. Field Services including turnarounds, maintenance, turnkey projects, specialty welding, heat tracing, & insulation. ASME coded shops and carry the API-4F monogram stamp. Serving the gulf coast region for over 30 years

Specialty Maintenance Products (1526)

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713-667-4402
Mark Goodman
mark@flangespreaders.com
www.flangespreaders.com
Specialty Maintenance Products supplies specialty tools that provide a safer and more efficient means of spreading and aligning flanges. We also carry the Valve-Out Tool to safely remove valves, meters, regulators, etc. We also represent the Piper hands free back-up tool.

SRR-IBS (Service Radio Rentals/ Industrial Blind Solutions) (1607)

39510 Babin Road
Gonzales, LA 70737
800-255-3349
sales@SRR-IBS.com
www.serviceradio rentals.com
SRR-IBS currently Inventories over 8500 Motorola(IS)Two-Way Radios and 500 Tons of Isolation Blinds & Flanges. SRR-IBS has 9 Service/Support Offices Nationwide on the Gulf Coast, West Coast, and East Coast to handle your Communications and Blinding Needs 24/7 (365).

List of Exhibitors: By Description

Standard Alloys (1202)

KCS and 4th St.
PO Box 969
Port Arthur, TX 77641
409-983-3201
Gary Brooks
sales@standardalloys.com
www.standardalloys.com
Manufacturer of pump parts and pump repairs. Factory certified to ISO 9001:2000. All parts made in Port Arthur, TX.

STARCON (1519)

260 Market Place
Manhattan, IL 60442
815-478-4615
Steve Saboe
customercare@starcon.org
www.starcon.org
STARCON is a general mechanical contractor providing routine maintenance, capital construction and turnarounds. Our services include project management, execution, planning & scheduling. Our performance is truly driven by our focus on safety and quality.

Stress Engineering Services (1030)

13800 Westfair East Drive
Houston, TX 77041
281-955-2900
Bobby Wright
bobby.wright@stress.com
www.stress.com
Stress Engineering Services, Inc. is an engineering consulting company founded in 1972. A full service, multi-discipline engineering firm committed to providing technical excellence to the upstream and downstream industries.

Structural Preservation Systems (1401)

1003 Clay Court
Deer Park, TX 77536
410-850-7000
Beth Capuzzi
ecapuzzi@structural.net
www.spsindustrial.com
Structural Preservation System is the nation's largest contracting firm dedicated to the repair, restoration, strengthening and corrosion protection of concrete and steel structures. Since 1976, we have successfully and safely completed more than 14,000 repair projects for a variety of structures including cokers, sulfur pits, cat crackers and other plant infrastructure.

Sulzer Chemtech USA, Inc. (1419)

8505 E. North Belt Drive
Humble, TX 77396
281-441-5838
Patricia Baries
patricia.baries@sulzer.com
www.sulzer.com
Sulzer Chemtech USA, Inc. is the mass transfer experts in equipment and installation. Sulzer understands the sense of urgency to meet all your challenges. We offer a complete line of product and services – packing, trays, internals, and installation.

Superheat FGH Services (301)

1424 Sens Road
La Porte, TX 77571
888-508-3226
Gerry McWeeney
sales@superheatfgh.com
www.superheatfgh.com
Superheat is the world leader in on-site heat treatment and temperature control systems and services. Superheat FGH specializes in successful execution of large plant turnarounds, new plant construction, fabrication, and advanced nuclear "mega-projects". Superheat's advanced wireless technology provides superior Safety, Security, Performance and the most comprehensive Quality control package available in the industry.

Standard Alloys – Thermal Ceramics

T.D. Williamson, Inc. (1407)

5727 S. Lewis Suite 300
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918-447-5000 ext.0
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steve.appleton@tdwilliamson.com
www.tdwilliamson.com
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TapcoEnpro International (1319)

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Channelview, TX 77530
281-247-8230
Mark Taylor
tapcoenpro@curtisswright.com
www.tapcoenpro.com
FCCU slide & butterfly valves, ASME vessels, hydrotreaters, reactors, electro hydraulic actuators and isolations valves.

Taper-Lok Corporation (1537)

13770 Industrial Road
Houston, TX 77015
713-393-4200
Rick Stanford
rstanford@taper-lok.com
www.taper-lok.com
Taper-Lok is a world leader in metal-to-metal flange sealing technology and has provided "leak-free" products to some of the most extreme oil and gas exploration, discovery, transfer environments and petrochemical plants.

TASC (1608)

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Seabrook, TX 77586
281-474-3232
Toni Graham
tgraham@tascorp.com
www.tascorp.com
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Team Industrial Services (1019)

200 Hermann Drive
Alvin, TX 77511
281-889-0206
Mike Grimes
mgrimes@teamindustrialservices.com
www.teamindustrialservices.com
Team provides industry with on-stream leak sealing, hot tapping, line freezing, field machining, mobile machine shops, field heat treating services and equipment, technical bolting, emissions control (LDAR), NDE/NDT/Inspection programs and turnaround services.

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Houston, TX 77015
281-249-2956
Rick Harper
rharper@technip.com
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Testex Inc. (1719)

535 Old Frankstown Road
Pittsburgh, PA 15239
412-798-8990
Michael Nguyen
testex-ndt@verizon.net
www.testex-ndt.com
Non-Destructive Inspection Services, Boiler Waterwall Scanning, Ultra High Speed Condenser Tube Inspections, Heat Exchanger Inspections, Pressure Vessel Inspections. Service Piping Inspections.

Thermal Ceramics (1132)

2102 Old Savannah Road
PO Box 623,30903
Augusta, GA 30906
706-796-4313
Wendy Evans
northamerica@thermalceramics.com
www.thermalceramics.com
Thermal Ceramics is a worldwide leader in refractory and insulation technology. We can provide the Global Petrochemical market engineered product solutions for reducing energy and maintenance costs.

List of Exhibitors: By Description

Thermbond Refractories / Stellar Materials Inc. (1732)

7777 Glades Road
Suite 200
Boca Raton, FL 33434
561-330-9300
Ted Hagberg
info@thermbond.com
www.thermbond.com

Thermbond® Refractories are manufactured and distributed internationally by Stellar Materials Incorporated. Thermbond delivers unique bonding properties, including the ability to bind to existing substrates, fast dry-out, rapid heat up, and abrasion resistance insuring the strongest repairs and the fastest turn-arounds.

Thermo Scientific NITON Analyzers (502)

900 Middlesex Turnpike, Building 8
Billerica, MA 01821
541-388-0779
Tom Anderson
niton@thermo.com
www.thermo.com/niton
XRF portable alloy analyzer.

ThyssenKrupp Safway, Inc (1525)

N19 W24200 Riverwood Dr.
Waukesha, WI 53189
262-523-6525
Steve Weron
marketing@safway.com
www.safway.com

With more than 90 North American locations, ThyssenKrupp Safway, Inc. has been a leader in scaffold services since 1936, offering scaffold rental, sales, labor, engineering, training and project management assistance.

TIC - The Industrial Company (1501)

2211 Elk River Road
Steamboat Springs, CO 80487
970-879-2561
Alison Nicksic
anicksic@ticus.com
www.tic-inc.com

TIC – The Industrial Company provides a full range of maintenance, general services and small capital improvements to a variety of industrial clients and markets throughout North America.

TIMEC (813)

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La Porte, TX 77521
281-471-3209 ext.2259
Roger Brennan
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Tool Center Inc. (1812)

1447 N. Yale
Tulsa, OK 74115
918-838-7411
Greg Valdez
gregv@toolcenterinc.com
www.toolcenterinc.com
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Total Industrial Plant Services, Inc. (1800)

2121 S. Columbia
Suite 103
Tulsa, OK 74114
918-379-0440
Tara Bevens
tbevens@tipsus.com
Total Industrial Plant Services is a specialty contractor that provides a broad scale of services such as scaffolding, industrial insulation and fireproofing. We are a minority certified business ready to meet your safety goals and service needs.

Total Industrial Services (1138)

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Houston, TX 77034
281-484-0554
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www.totalindserv.com
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Thermbond Refractories / Stellar Materials Inc. – Turner Industries Group

Total Safety U.S., Inc. (1619)

1111 Wilcrest Green Dr.

Suite 300

Houston, TX 77042

337-853-0141

Rick Speights

rspeights@totalsafety.com

www.totalsafety.com

Total Safety is the leading provider of integrated safety strategies and the products necessary to support them. Our Mission: To ensure the safe well being of workers worldwide.

Tracerco (701)

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Pasadena, TX 77507

281-291-7769

Jim Bramlett

tracerco@tracerco.com

www.tracerco.com

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Tray-Tec, Inc. (1814)

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281-441-7314

Porfirio Hernandez

phernandez@traytec.com

www.traytec.com

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Trumbull Industries (1730)

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www.trumbull-mfg.com

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413-593-0500

Robert Betsold

rbetsold@turbocare.com

www.turbocare.com

TurboCare provides turbomachinery solutions and maintenance support to owners and operators of rotating equipment (gas and steam turbines, compressors and generators) manufactured by all major industry OEMs.

The Turnaround Management Co. (507)

17629 El Camino Real

Suite 125

Houston, TX 77058

281-956-5710

Mike Bischoff

frinsco@tamanagement.com

www.tamanagement.com

The Turnaround Management Company is a project controls knowledge shop specializing in project controls staffing, training and expertise. Since 1998 we have provided project controls expertise and technical project support staff to refining and petrochemical clients across the U.S. Our depth of expertise, our values and performance on the job have earned us the position as "the industry's professionals."

Turner Industries Group (1213)

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Baton Rouge, LA 70809

225-214-2472

Tobie Craig

tcraig@turner-industries.com

www.turner-industries.com

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United Laboratories International LLC (907)

1206 N Highway 81
Suite 26B
Duncan, OK 73533
580-252-8500
Susan Moore
susan.moore@zymeflow.com
www.zymeflow.com
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United Rentals, Inc. is the largest equipment rental company in the world, with an integrated network of over 650 rental locations in 48 states, 10 Canadian provinces and Mexico. The company offers for rent over 2,900 classes of rental equipment with a total original cost of \$4.3 billion. United Rentals is a member of the Standard & Poor's MidCap 400 Index and the Russell 2000 Index® and is headquartered in Greenwich, Conn.

Universal Plant Services, Inc. (619)

801 Georgia Avenue
Deer Park, TX 77536
281-479-6000
Kelli Motley
kmotley@universalplant.com
www.universalplant.com
Universal Plant Services (UPS) is a leading provider of millwright and field machining services to the refining, petrochemical and power generation industries specializing in the maintenance and repair of all type of rotating equipment including steam and gas turbines, compressors and pumps.

ValvTechnologies (1801)

5904 Bingle Road
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713-860-0400
Abby Peterson
sales@valv.com
www.valv.com
ValvTechnologies, inc. is the global leader in the design and manufacturing of integral, ZERO-leakage valves used in severe-service applications for fossil power, nuclear process, mining and the oil and gas industries.

Vapor Point, LLC (538)

1400 S. 16th Street
La Porte, TX 77571
281-867-8186
Jeff StAmant
jstamant@vaporpoint.net
www.vaporpoint.net
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Velan Valve (607)

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Tracy Fairchild
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757-966-2307
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sales@ventil-usa.com
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Webb, Murray & Associates (1538)

2525 Bay Area Blvd
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281-218-8484 ext.297
Sheryl Kuhfeldt
janna.gregory@webb-murray.com
www.webb-murray.com
Webb, Murray & Associates provides fire protection engineering consultation, design and management of installation projects, and NFPA compliant inspections, testing, and maintenance programs. WMA also provides facilitators and recorders for PHAs. Methodology and reports are customized to each sites needs. Process and Industrial Safety consulting including auditors are also available.

WinWare, Inc. (1805)

1955 West Oak Circle
Marietta, GA 30062
770-419-1399 ext.312
Robert Holmes
robert.holmes@wwga.com
www.cribmaster.com
Indirect Tools.

Wood Group Field Services, Inc. (1701)

3444 E. Pasadena Freeway
Pasadena, TX 77503
281-686-4653
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roger.ford@woodgroup.com
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Work Technology Corporation (424)

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W. Somerville, MA 02144
617-625-5888
John Tobin
info@worktech.com
www.worktech.com
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Wyatt Field Service Company (1001)

10810 West Little York Rd
#130-A
Houston, TX 77041
713-570-2000
Kenny Goodgame
sales@wyattfieldservice.com
www.wyattfieldservice.com
Wyatt performs constructability reviews relating to the planning and execution of FCCU turnarounds whose scope is comprised of routine maintenance and major revamps; including "head offs" on both the regenerator and reactor.

List of Exhibitors: By Description

Xtreme Bolting Services – Zimmermann & Jansen, Inc.

Xtreme Bolting Services (938)

13515 South 4190 Rd.
Claremore, OK 74017
918-361-2082
Pete Fuller
tdtti@aol.com

Xtreme Bolting is a leader in competent thermal bolting technology and services through out tooling partner, Torkworx, a complete solution to all critical bolting applications is offered.

Yarmouth Research and Technology (1727)

434 Walnut Hill Rd
North Yarmouth, ME 04097
207-829-5359
Matthew Wasielewski
info@yarmouthresearch.com
www.yarmouthresearch.com

Yarmouth Research and Technology is a third-party independent testing laboratory providing fugitive emission, fire, cryogenic, flow and leakage testing services to the valve, gasket and packing industries.

Zeeco, Inc. (600)

22151 East 91st Street
Broken Arrow, OK 74014
281-345-4110
Lee Wiltz
sales@zeeco.com
www.zeeco.com

Design and manufacturer of custom burners, flores, incinerators. Provides service on equipment and quality spare parts.

Zimmermann & Jansen, Inc. (908)

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K.Frericks@zjinc.com
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**360training –
Emerson Process Management**

Companies listed in green are recipients of the NPRA Contractor Award for Meritorious Safety Performance for achieving an incident rate of 1.0 or less during calendar year 2008 for job sites with a minimum of 20,000 hours worked in the process areas of the plant.

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Jacobs	513
KBC Advanced Technologies, Inc.	625
Lloyd's Register Capstone, Inc.	730
Management Resources Group, Inc.	932
Matrix Inspection & Engineering	1100
Meridium Inc.	407
Metegrity	1631
PdMA Corporation	702
PROGNOST Systems, Inc.	1700
Q.Pro Technical Services	213
SKF USA Inc.	1502
TIMEC	813
WinWare, Inc.	1805
Work Technology Corporation	424

Cleaning Services:

Chemical, Mechanical, Pigging

Apex Engineering Products Corp.	837
Aquilex	1613
Baker Petrolite Corporation	525
CEDA/Catalyst Services, Inc.	1131
CETCO Oilfield Services Company	1823
CTK-EURO	638
Cudd	1702
Curran International, LLC	624
D. D. Technology, Inc.	1102
Delta Tech Service, Inc.	306
Dunn Heat Exchangers	836
EnvTech, Inc.	430
Eveready Energy Services	1708
Hotwork-USA	1226
J.J. White, Inc.	337
Matrix Service Company	1119
Ohmstede, Ltd.	501

Oreco	936
Sulzer Chemtech USA, Inc.	1419
Turner Industries Group	1213
United Laboratories International	907
SKF USA Inc.	1502
TIMEC	813
WinWare, Inc.	1805
Work Technology Corporation	424

Computer Applications/Systems

ABB	1802
Advanced Reliability Technologies	1712
AEC Design Group	1536
BlueCielo ECM Solutions	718
Clyde Bergemann Power Group	1818
Design Maintenance Systems Inc.	402
INOVx Solutions	308
InterPlan Systems Inc.	524
Jacobs	513
Meridium Inc.	407
Metegrity	1631
WinWare, Inc.	1805
Work Technology Corporation	424

Consulting

A Box 4 U	107
ABB	1802
ABS Consulting	1008
Adhesive Services Company	506
Advanced Reliability Technologies	1712
Aptech Engineering	400
Asset Performance Networks	1031
CH2M HILL	1507
Clyde Bergemann Power Group	1818
Consulting & Field Services (CFS)	1636
The Equity Engineering Group	1500
FMF Engineering	412
Greenman-Pedersen Inc.	438
Hydratight	826
Industrial Ceramics Ltd.	1000
Innovative Turnaround Controls	1524
InterPlan Systems Inc.	524
Jacobs	513
KBC Advanced Technologies, Inc.	625
KnightHawk Engineering, Inc.	1406
Life Cycle Engineering	1820
Lloyd's Register Capstone, Inc.	730
Management Resources Group, Inc.	932

**Asset Management –
Contractor: General, Routine, Turnarounds**

The Manufacturing Game	1400	Southeast Texas Industries	838
Meridium Inc.	407	STARCON	1519
Metegrity	1631	Structural Preservation Systems	1401
Pressure Equipment Engineering Service	1632	Sulzer Chemtech USA, Inc.	1419
Project Assurance	1624	Team Industrial Services	1019
Q.Pro Technical Services	213	TIMEC	813
Reliability Management Group	906	Tray-Tec, Inc.	1814
Revak Turbomachinery Services	1238	Turner Industries Group	1213
Robert J. Jenkins & Company	700	Wood Group Field Services, Inc.	1701
Scaffold Engineering Inc.	1824	Contractor:	
Sulzer Chemtech USA, Inc.	1419	General, Routine, Turnarounds	
The Turnaround Management Co.	507	A and L Industrial Services, Inc.	1506
Tool Center Inc.	1812	A Box 4 U	107
Work Technology Corporation	424	Adhesive Services Company	506
Contractor: Construction		Air Products	1007
A Box 4 U	107	Aquilex	1613
Austin Industrial, Inc.	919	Austin Industrial, Inc.	919
Brand Energy & Infrastructure Services	613	Bay Area Industrial Contractors, LTD	1402
Cajun Industries, LLC	1532	Bolttech Inc.	319
CB&I	801	Brand Energy & Infrastructure Services	613
CH2M HILL	1507	Cajun Industries, LLC	1532
Delta Structural Technology	331	CAR-BER Testing Services	207
Deltak Manufacturing Inc	1725	CEDA/Catalyst Services, Inc.	1131
Excel Modular Scaffold and Leasing Corporation	1827	CH2M HILL	1507
FLUOR Corporation	1313	Conex International Corporation	924
Foster Wheeler USA Corporation	401	Consulting & Field Services (CFS)	1636
Greenman-Pedersen Inc.	438	COT-PURITECH	526
Hunter Buildings & Manufacturing	937	Delta Tech Service, Inc.	306
Industrial Surfacing Corporation	1720	FLUOR Corporation	1313
Integra Service Technologies	1306	Godwin Pumps	1037
Integrated Service Company LLC (InServ)	119	Hotwork-USA	1226
J.J. White, Inc.	337	Hunter Buildings & Manufacturing	937
Jacobs	513	Hydratight	826
Johnson Screens	1637	Infinity Maintenance Services, LP	1300
KBR	113	Integra Service Technologies	1306
Koch Specialty Plant Services	713	Integrated Service Company LLC (InServ)	119
Matrix Service Company	1119	J.J. White, Inc.	337
Modern EPC, Inc.	537	Jacobs	513
Modular Security Systems, Inc.	1638	Johnson Screens	1637
Nooter Construction Company	1107	Katy Spring & MFG, Inc.	1831
Pala-Interstate, LLC	732	KBC Advanced Technologies, Inc.	625
Q.Pro Technical Services	213	Koch Specialty Plant Services	713
RepconStrickland	1219	Matrix Service Company	1119
		Modular Security Systems, Inc.	1638

List of Exhibitors: By Category

Contractor:

General, Routine, Turnarounds (continued)

The Mundy Companies	807
Ohmstede, Ltd.	501
Pala-Interstate, LLC	732
Q.Pro Technical Services	213
RepconStrickland	1219
Southeast Texas Industries	838
STARCON	1519
Structural Preservation Systems	1401
Sulzer Chemtech USA, Inc.	1419
Team Industrial Services	1019
TIC - The Industrial Company	1501
TIMEC	813
Total Industrial Services	1138
Tracerco	701
Tray-Tec, Inc.	1814
Turner Industries Group	1213
Wood Group Field Services, Inc.	1701
Wyatt Field Service Company	1001

Contractor: Specialty, Asbestos Abatement, Catalyst Handling, etc.

A and L Industrial Services, Inc.	1506
Alltite, Inc.	926
Brand Energy & Infrastructure Services	613
Brock Group	913
Cat Tech LLC	1713
CEDA/Catalyst Services, Inc.	1131
Industrial Gunite, Inc.	900
Katy Spring & MFG, Inc.	1831
Mourik LP	1825
Southeast Texas Industries	838
Sulzer Chemtech USA, Inc.	1419
TIMEC	813
Turner Industries Group	1213
Xtreme Bolting Services	938

Electrical Equipment & Motors: Fabrication, Parts, Services

A & A Machine & Fabrication, LLC	902
AZZ/RAL	1826
Emerson Process Management	719
PdMA Corporation	702
Solon Manufacturing Co.	930
Wood Group Field Services, Inc.	1701

Engineering Contractors

Aptech Engineering	400
CDI Engineering Solutions	824
CH2M HILL	1507
Clyde Bergemann Power Group	1818
Cooling Tower Depot, Inc.	1513
Delta Structural Technology	331
FLUOR Corporation	1313
FMF Engineering	412
Foster Wheeler USA Corporation	401
Greenman-Pedersen Inc.	438
Hydro, Inc.	1137
Integra Service Technologies	1306
Integrated Service Company LLC (InServ)	119
Jacobs	513
KBC Advanced Technologies, Inc.	625
KnightHawk Engineering, Inc.	1406
Modern EPC, Inc.	537
Pressure Equipment Engineering Service	1632
Revak Turbomachinery Services	1238
Scaffold Engineering Inc.	1824
SNC-Lavalin	725
Stress Engineering Services	1030
Sulzer Chemtech USA, Inc.	1419

Environmental Services

360training	1833
A Box 4 U	107
CETCO Oilfield Services Company	1823
CH2M HILL	1507
Clyde Bergemann Power Group	1818
Greenman-Pedersen Inc.	438
Industrial Surfacing Corporation	1720
Innov-X Systems Inc.	1136
KBC Advanced Technologies, Inc.	625
McGrath RentCorp	436
Team Industrial Services	1019
TIMEC	813
Tracerco	701
Turner Industries Group	1213
Vapor Point, LLC	538

**Contractor: General, Routine, Turnarounds (continued) –
Fired Heaters, Furnaces & Boilers**

Equipment Rentals		Pala-Interstate, LLC	732
A Box 4 U	107	Southeast Texas Industries	838
Atlas Copco Prime Energy	431	STARCON	1519
BearCom	408	Sulzer Chemtech USA, Inc.	1419
Bolttech Inc.	319	Team Industrial Services	1019
Brand Energy & Infrastructure Services	613	Tracerco	701
CETCO Oilfield Services Company	1823	Turner Industries Group	1213
Dehumidification Technologies, Inc.	508	Universal Plant Services, Inc.	619
Delta Rigging & Tools	637	FCCU Equipment Design	
FLUOR Corporation	1313	BLAC INC	737
General Marine Leasing	414	Boardman, Inc.	1002
Godwin Pumps	1037	Contract Fabricators, Inc.	720
Greenman-Pedersen Inc.	438	Excel Modular Scaffold and Leasing Corporation	1827
Hertz Equipment Rental Corporation	819	FMF Engineering	412
Hunter Buildings & Manufacturing	937	Integrated Service Company LLC (InServ)	119
Hydratight	826	Jayne Industries, Inc.	1026
Integra Service Technologies	1306	Koch Specialty Plant Services	713
MB Industries	419	Maintenance Enterprises, Inc.	631
McDonough Construction Rentals	1308	Onis Inc.	307
McGrath RentCorp	436	TapcoEnpro International	1319
Modular Security Systems, Inc.	1638	Team Industrial Services	1019
Patent Plant Services	1718	Tracerco	701
Rain for Rent	1815	Wood Group Field Services, Inc.	1701
RSC Equipment Rental	1013	Wyatt Field Service Company	1001
SRR-IBS (Service Radio Rentals / Industrial Blind Solutions)	1607	Fired Heaters, Furnaces & Boilers: Fabrication, Parts, Services	
Tool Center Inc.	1812	A & A Machine & Fabrication, LLC	902
Turner Industries Group	1213	ACS Industries, LP	1531
United Rentals, Inc.	1835	Adhesive Services Company	506
Universal Plant Services, Inc.	619	Aquilex	1613
Xtreme Bolting Services	938	Brand Energy & Infrastructure Services	613
Expansion Joints		Clyde Bergemann Power Group	1818
Expansion Joint Systems, Inc.	1207	Consulting & Field Services (CFS)	1636
FMF Engineering	412	Expansion Joint Systems, Inc.	1207
Garlock Sealing Technologies	802	Foster Wheeler USA Corporation	401
Senior Flexonics Pathway	1126	Furnace Improvements	1606
Fabrication Services		Graphite Metallizing Corp.	1302
Aquilex	1613	Hason Steel Products Inc.	1626
Clyde Bergemann Power Group	1818	Hotwork-USA	1226
Deltak Manufacturing Inc.	1725	Integrated Service Company LLC (InServ)	119
Hahn & Clay	901	Jayne Industries, Inc.	1026
Integra Service Technologies	1306	Koch Specialty Plant Services	713
Matrix Service Company	1119	KTI Corporation	925
Modern EPC, Inc.	537		
Ohmstede, Ltd.	501		

List of Exhibitors: By Category

Fired Heaters, Furnaces & Boilers:

Fabrication, Parts, Services (continued)

Maintenance Enterprises, Inc.	631
Onis Inc.	307
P.A. Inc.	1208
Petro-Chem Development Co., Inc.	1811
Quest Integrity Group (Quest TruTec)	1431
Rentech Boiler Services, Inc.	1113
RepconStrickland	1219
Southeast Texas Industries	838
Standard Alloys	1202
Team Industrial Services	1019
TesTex Inc.	1719
Tool Center Inc.	1812
Tracerco	701
ValvTechnologies	1801
Zeeco, Inc.	600

Flare Systems/Incinerators

Consulting & Field Services (CFS)	1636
Jayne Industries, Inc.	1026
Onis Inc.	307
Southeast Texas Industries	838
Vapor Point, LLC	538
Zeeco, Inc.	600

Gaskets, Packing & Seals

Drake Specialties, LLC	738
Flexitallic	1125
Garlock Sealing Technologies	802
Lamons Gasket Company	1236
Revak Turbomachinery Services	1238
SKF USA Inc.	1502
Solon Manufacturing Co.	930

Heat Exchangers:

Fabrication, Parts, Services

Brand Energy & Infrastructure Services	613
Contract Fabricators, Inc.	720
CTI Industries, Inc.	800
Curran International, LLC	624
Cust-O-Fab, Inc.	1425
EIMCO	1733
EST Group, Inc.	1201
Expansion Joint Systems, Inc.	1207
Graphite Metallizing Corp.	1302

Hahn & Clay	901
Hason Steel Products Inc.	1626
J.J. White, Inc.	337
Jayne Industries, Inc.	1026
Koch Specialty Plant Services	713
Maintenance Enterprises, Inc.	631
Ohmstede, Ltd.	501
Onis Inc.	307
Paul Mueller Company	313
Peinemann Equipment	931
Pressure Equipment Engineering Service	1632
RepconStrickland	1219
Revak Turbomachinery Services	1238
Smithco Engineering Inc	724
Solon Manufacturing Co.	930
Southeast Texas Industries	838
STARCON	1519
Team Industrial Services	1019
TesTex Inc.	1719
Tool Center Inc.	1812
Tracerco	701
Xtreme Bolting Services	938
Zeeco, Inc.	600

Heat Treating

Graphite Metallizing Corp.	1302
Hotwork-USA	1226
Hydratight	826
Jayne Industries, Inc.	1026
Katy Spring & MFG, Inc.	1831
Revak Turbomachinery Services	1238
Superheat FGH Services	301
Team Industrial Services	1019
Xtreme Bolting Services	938

Inspection

Access Plug Flange, Inc.	1200
All Tech Inspection	1437
Aptech Engineering	400
Aquilex	1613
Base Line Data, Inc.	831
CAR-BER Testing Services	207
CATSI, Inc.	1108
Clyde Bergemann Power Group	1818
Construction & Turnaround Specialists	1726
Consulting & Field Services (CFS)	1636

**Fired Heaters, Furnaces & Boilers (continued) –
Piping: Fabrication, Parts, Services**

Design Maintenance Systems Inc.	402	Metallurgy & Materials	
FLIR Systems	1006	American Alloy Steel	708
Greenman-Pedersen Inc.	438	Aquilex	1613
Lloyd's Register Capstone, Inc.	730	Consulting & Field Services (CFS)	1636
Matrix Inspection & Engineering	1100	Jayne Industries, Inc.	1026
NDT Seals	1206	KnightHawk Engineering, Inc.	1406
PetroChem Inspection Services	1706	Lloyd's Register Capstone, Inc.	730
Pro-Inspect	1130	Q.Pro Technical Services	213
Q.Pro Technical Services	213	Quest Integrity Group (Quest TruTec)	1431
Quest Integrity Group (Quest TruTec)	1431	Revak Turbomachinery Services	1238
Remote Access Technology USA	1408	Standard Alloys	1202
Revak Turbomachinery Services	1238		
Robert J. Jenkins & Company	700	Misc. Process Equipment	
Senior Flexonics Pathway	1126	ACS Industries, LP	1531
Sentinel Integrity Solutions	626	EIMCO	1733
Sulzer Chemtech USA, Inc.	1419	Integrated Service Company	
Team Industrial Services	1019	LLC (InServ)	119
TesTex Inc.	1719	Johnson Screens	1637
Thermo Scientific NITON Analyzers	502	Koch Specialty Plant Services	713
Tracerco	701	Onis Inc.	307
Turner Industries Group	1213	Oreco	936
Xtreme Bolting Services	938	PECOFacet	437
Zeeco, Inc.	600	Raschig-Jaeger Technologies	519
		Revak Turbomachinery Services	1238
Instrumentation and Process Control		Southeast Texas Industries	838
ABB	1802	Tool Center Inc.	1812
Bently Pressurized Bearing Co.	1832		
Clyde Bergemann Power Group	1818	Painting, Coatings & Fireproofing	
Daily Thermetrics	432	Adhesive Services Company	506
FLIR Systems	1006	Brand Energy & Infrastructure	
FLUOR Corporation	1313	Services	613
GE Energy	601	Brock Group	913
McJunkin Red Man Corporation	1601	Curran International, LLC	624
SKF USA Inc.	1502	Industrial Gunite, Inc.	900
Solon Manufacturing Co.	930	Mascoat Products	1038
Southeast Texas Industries	838	Total Industrial Plant Services, Inc.	1800
TASC	1608	Turner Industries Group	1213
Tracerco	701		
Voith Turbo Inc.	315	Piping: Fabrication, Parts, Services	
Zeeco, Inc.	600	A & A Machine & Fabrication, LLC	902
		Access Plug Flange, Inc.	1200
Lifting Equipment & Aerial Work Platforms		AEC Design Group	1536
FLUOR Corporation	1313	Aptech Engineering	400
Hertz Equipment Rental Corporation	819	Aquilex	1613
Peinemann Equipment	931	Bonney Forge Corporation	1307
RSC Equipment Rental	1013	CAR-BER Testing Services	207
Turner Industries Group	1213	Deltak Manufacturing Inc	1725
		EST Group, Inc.	1201

List of Exhibitors: By Category

Piping: Fabrication, Parts, Services (continued)

Expansion Joint Systems, Inc.	1207
Hason Steel Products Inc.	1626
Hydratight	826
InduMar Products, Inc.	500
Integrated Service Company LLC (InServ)	119
J.J. White, Inc.	337
Maintenance Enterprises, Inc.	631
McJunkin Red Man Corporation	1601
Nantong Special Steel Company	1830
Ohmstede, Ltd.	501
P.A. Inc.	1208
Pala-Interstate, LLC	732
Pressure Equipment Engineering Service	1632
Q.Pro Technical Services	213
Quest Integrity Group (Quest TruTec)	1431
RepconStrickland	1219
Southeast Texas Industries	838
STARCON	1519
Team Industrial Services	1019
Tool Center Inc.	1812
Tracerco	701
Turner Industries Group	1213
ValvTechnologies	1801
Wyatt Field Service Company	1001

Process Gas Suppliers

Air Products	1007
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Process Vessels & Columns: Fabrication, Parts, Services

A & A Machine & Fabrication, LLC	902
Access Plug Flange, Inc.	1200
ACS Industries, LP	1531
Aptech Engineering	400
Boardman, Inc.	1002
Brand Energy & Infrastructure Services	613
Contract Fabricators, Inc.	720
Cust-O-Fab, Inc.	1425
Delta Tech Service, Inc.	306
Deltak Manufacturing Inc	1725
EST Group, Inc.	1201
Hahn & Clay	901
Hi-Tech Industrial Services, Inc.	1124

Koch Specialty Plant Services	713
Maintenance Enterprises, Inc.	631
Mass Transfer Limited	406
Ohmstede, Ltd.	501
P.A. Inc.	1208
Pala-Interstate, LLC	732
Paul Mueller Company	313
PECOFacet	437
Petrochem Field Services	1230
Pressure Equipment Engineering Service	1632
Raschig-Jaeger Technologies	519
RepconStrickland	1219
STARCON	1519
Sulzer Chemtech USA, Inc.	1419
TapcoEnpro International	1319
Team Industrial Services	1019
TesTex Inc.	1719
Tool Center Inc.	1812
Tracerco	701
Tray-Tec, Inc.	1814
Turner Industries Group	1213
Wyatt Field Service Company	1001

Refractory & Insulation: Material, Repair, Services

A and L Industrial Services, Inc.	1506
Access Plug Flange, Inc.	1200
Aspen Aerogels	1602
Brand Energy & Infrastructure Services	613
Brock Group	913
Consulting & Field Services (CFS)	1636
Hi-Tech Industrial Services, Inc.	1124
Hotwork-USA	1226
Industrial Ceramics Ltd.	1000
Industrial Gunite, Inc.	900
Industrial Insulation Group, LLC	1813
Integrated Service Company LLC (InServ)	119
Jayne Industries, Inc.	1026
Maintenance Enterprises, Inc.	631
Mascoat Products	1038
Nutec Fibratec	532
RepconStrickland	1219
Resco Products, Inc.	706
RHI	536
Robert J. Jenkins & Company	700

**Piping: Fabrication, Parts, Services (continued) –
Safety Products and Services**

Southeast Texas Industries	838	Rotating Equipment & Compressors:	
Team Industrial Services	1019	Fabrication, Parts, Services	
Thermal Ceramics	1132	A & A Machine & Fabrication, LLC	902
Thermbond Refractories/ Stellar Materials Inc.	1732	Adhesive Services Company	506
Total Industrial Plant Services, Inc.	1800	Bently Pressurized Bearing Co.	1832
Tracerco	701	Boulden Company, Inc.	1530
Visionary Insulation Products, Ltd.	1714	Burckhardt Compression	726
Xtreme Bolting Services	938	COT-PURITECH	526
		Delta Tech Service, Inc.	306
		Elliott Company	1024
		Emerson Process Management	719
Reliability, Availability		FLUOR Corporation	1313
ABB	1802	GE Energy	601
ABS Consulting	1008	Graphite Metallizing Corp.	1302
Access Plug Flange, Inc.	1200	Hahn & Clay	901
Advanced Reliability Technologies	1712	Revak Turbomachinery Services	1238
All Tech Inspection	1437	SKF USA Inc.	1502
Aptech Engineering	400	Standard Alloys	1202
Aquilex	1613	Structural Preservation Systems	1401
Bently Pressurized Bearing Co.	1832	TurboCare	1301
Brand Energy & Infrastructure Services	613	Universal Plant Services, Inc.	619
COT-PURITECH	526	Voith Turbo Inc.	315
Design Maintenance Systems Inc.	402	Wood Group Field Services, Inc.	1701
Emerson Process Management	719		
Fluid Defense Systems	530	Rotating Equipment: Monitoring	
FLUOR Corporation	1313	Bently Pressurized Bearing Co.	1832
KBC Advanced Technologies, Inc.	625	Emerson Process Management	719
Life Cycle Engineering	1820	GE Energy	601
Lloyd's Register Capstone, Inc.	730	KnightHawk Engineering, Inc.	1406
Maintenance Enterprises, Inc.	631	PROGNOST Systems, Inc.	1700
Management Resources Group, Inc.	932	Revak Turbomachinery Services	1238
The Manufacturing Game	1400	SKF USA Inc.	1502
Matrix Inspection & Engineering	1100	TurboCare	1301
MB Industries	419	Wood Group Field Services, Inc.	1701
Meridium Inc.	407		
Metegrity	1631	Safety Products and Services	
Novinium	1731	360training	1833
PdMA Corporation	702	A Box 4 U	107
PECOFacet	437	ABS Consulting	1008
PROGNOST Systems, Inc.	1700	Auburn Manufacturing, Inc.	1600
Q.Pro Technical Services	213	Beaed Corporation	630
Quest Integrity Group (Quest TruTec)	1431	The Blast Bag Company, Inc	1630
Revak Turbomachinery Services	1238	Brady Corp.	602
SKF USA Inc.	1502	Brand Energy & Infrastructure Services	613
TIMEC	813	CAR-BER Testing Services	207
Tracerco	701	Drake Specialties, LLC	738
Turner Industries Group	1213	ES&H Turnaround Services, Inc.	1106
Wood Group Field Services, Inc.	1701		

List of Exhibitors: By Category

Safety Products and Services

(continued)

Greenman-Pedersen Inc.	438
Hagemeyer North America - Technical Services	632
Hertz Equipment Rental Corporation	819
Hunter Buildings & Manufacturing, LP	937
Industrial Gunite, Inc.	900
Innov-X Systems Inc.	1136
Integrated Service Company LLC (InServ)	119
MB Industries	419
MOST	1625
Oilind Safety	825
PAC West Supply	1829
RSC Equipment Rental	1013
Satellite Shelters, Inc.	1508
Thermo Scientific NITON Analyzers	502
TIMEC	813
Total Safety U.S., Inc.	1619
Tracerco	701
Webb, Murray & Associates	1538
Scaffolding	
A and L Industrial Services, Inc.	1506
Brand Energy & Infrastructure Services	613
Brock Group	913
Deltak Manufacturing Inc	1725
Excel Modular Scaffold and Leasing Corporation	1827
Hertz Equipment Rental Corporation	819
Hi-Tech Industrial Services, Inc.	1124
Industrial Gunite, Inc.	900
JV Industrial Companies	1413
Patent Plant Services	1718
Scaffold Engineering Inc.	1824
Scaffold Industry Association, Inc.	636
STARCON	1519
ThyssenKrupp Safway, Inc	1525
Total Industrial Plant Services, Inc.	1800
Turner Industries Group	1213

Specialty Process Equipment

ACS Industries, LP	1531
EIMCO	1733
Johnson Screens	1637
Koch Specialty Plant Services	713
Ohmstede, Ltd.	501
Onis Inc.	307
Oreco	936
Paul Mueller Company	313
PECOFacet	437
Raschig-Jaeger Technologies	519
Taper-Lok Corporation	1537
Tool Center Inc.	1812

Steam Systems

McJunkin Red Man Corporation	1601
Paul Mueller Company	313
Revak Turbomachinery Services	1238

Tanks: Fabrication, Parts, Services

A & A Machine & Fabrication, LLC	902
Access Plug Flange, Inc.	1200
ACS Industries, LP	1531
Aquilex	1613
Brand Energy & Infrastructure Services	613
Consulting & Field Services (CFS)	1636
Contract Fabricators, Inc.	720
Deltak Manufacturing Inc	1725
EST Group, Inc.	1201
Hahn & Clay	901
Hason Steel Products Inc.	1626
Integrated Service Company LLC (InServ)	119
J.J. White, Inc.	337
Matrix Service Company	1119
McGrath RentCorp	436
Oreco	936
P.A. Inc.	1208
Pala-Interstate, LLC	732
Paul Mueller Company	313
Pressure Equipment Engineering Service	1632
Q.Pro Technical Services	213
RepconStrickland	1219

**Safety Products and Services (continued) –
Warehousing & Material Handling**

Solon Manufacturing Co.	930	Revak Turbomachinery Services	1238
Southeast Texas Industries	838	Solon Manufacturing Co.	930
STARCON	1519	TapcoEnpro International	1319
Sulzer Chemtech USA, Inc.	1419	Team Industrial Services	1019
Team Industrial Services	1019	Tracerco	701
TesTex Inc.	1719	Trumbull Industries	1730
Tracerco	701	ValvTechnologies	1801
Turner Industries Group	1213	Velan Valve	607
United Laboratories International LLC	907	Yarmouth Research and Technology	1727
		Zimmermann & Jansen, Inc.	908

Tools & Specialty Repair Equipment

A Box 4 U	107
Bolttech Inc.	319
EST Group, Inc.	1201
Hydratight	826
InduMar Products, Inc.	500
Integra Service Technologies	1306
Revak Turbomachinery Services	1238
RSC Equipment Rental	1013
Specialty Maintenance Products	1526
T.D. Williamson, Inc.	1407
Team Industrial Services	1019
Xtreme Bolting Services	938

Warehousing & Material Handling

Clyde Bergemann Power Group	1818
McJunkin Red Man Corporation	1601
Turner Industries Group	1213
WinWare, Inc.	1805

Valves & Actuators:

Fabrication, Parts, Services

A & A Machine & Fabrication, LLC	902
Babbitt Steam Specialty Co.	1232
Bonney Forge Corporation	1307
Cameron Valves	1032
Clyde Bergemann Power Group	1818
Crane Flow Solutions	219
DeltaValve	413
DSI Valve	608
Emerson Process Management	719
Everlasting Valve	1724
Hemiwedge Valve Corporation	736
HOERBIGER Compression Technology	426
Kitz Corporation of America	1224
McJunkin Red Man Corporation	1601
The Newdell Company	1817
Onis Inc.	307
REMOSA - UNITED VALVE	531

List of Exhibitors: By Booth Number

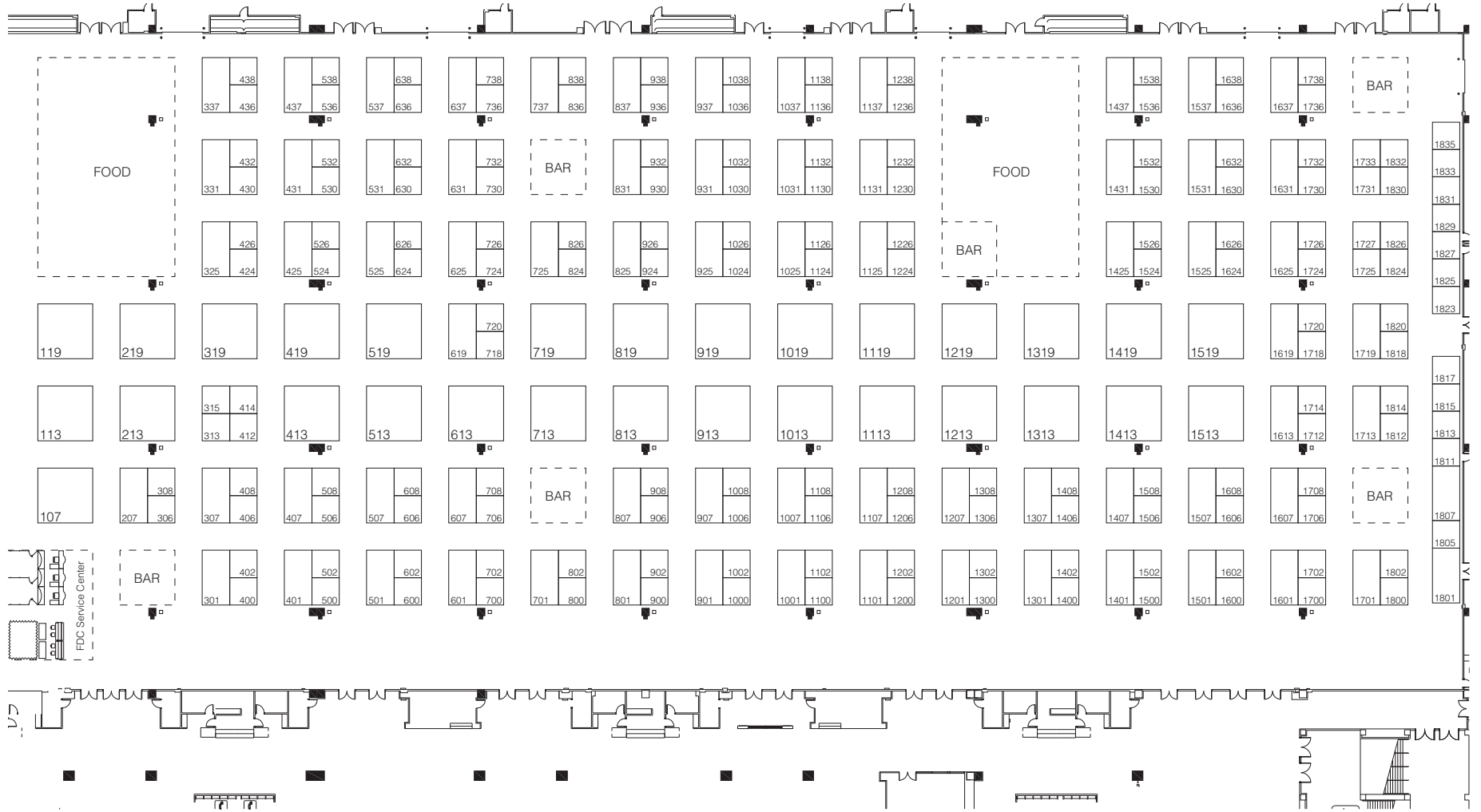
107	A Box 4 U	525	Baker Petrolite Corporation
113	KBR	526	COT-PURITECH
119	Integrated Service Company LLC (InServ)	530	Fluid Defense Systems
207	CAR-BER Testing Services	531	REMOSA - UNITED VALVE
213	Q.Pro Technical Services	532	Nutec Fibratex
219	Crane Flow Solutions	536	RHI
301	Superheat FGH Services	537	Modern EPC, Inc.
306	Delta Tech Service, Inc.	538	Vapor Point, LLC
307	Onis Inc.	600	Zeeco, Inc.
308	INOVx Solutions	601	GE Energy
313	Paul Mueller Company	602	Brady Corp.
315	Voith Turbo Inc.	606	Process Industry Practices (PIP)
319	Bolttech Inc.	607	Velan Valve
325	Technip-Coflexip® Products	608	DSI Valve
331	Delta Structural Technology	613	Brand Energy & Infrastructure Services
337	J.J. White, Inc.	619	Universal Plant Services, Inc.
400	Aptech Engineering	624	Curran International, LLC
401	Foster Wheeler USA Corporation	625	KBC Advanced Technologies, Inc.
402	Design Maintenance Systems Inc.	626	Sentinel Integrity Solutions
406	Mass Transfer Limited	630	Beaed Corporation
407	Meridium Inc.	631	Maintenance Enterprises, Inc.
408	BearCom	632	Hagemeyer North America - Technical Services
412	FMF Engineering	636	Scaffold Industry Association, Inc.
413	DeltaValve	637	Delta Rigging & Tools
414	General Marine Leasing	638	CTK-EURO
419	MB Industries	700	Robert J. Jenkins & Company
424	Work Technology Corporation	701	Tracerco
425	M.E.A., Inc.	702	PdMA Corporation
426	HOERBIGER Compression Technology	706	Resco Products, Inc.
430	EnvTech, Inc.	708	American Alloy Steel
431	Atlas Copco Prime Energy	713	Koch Specialty Plant Services
432	Daily Thermetrics	718	BlueCielo ECM Solutions
436	McGrath RentCorp	719	Emerson Process Management
437	PECOFacet	720	Contract Fabricators, Inc.
438	Greenman-Pedersen Inc.	724	Smithco Engineering Inc
500	InduMar Products, Inc.	725	SNC-Lavalin
501	Ohmstede, Ltd.	726	Burckhardt Compression
502	Thermo Scientific NITON Analyzers	730	Lloyd's Register Capstone, Inc.
506	Adhesive Services Company	732	Pala-Interstate, LLC
507	The Turnaround Management Co.	736	Hemiwedge Valve Corporation
508	Dehumidification Technologies, Inc.	737	BLAC INC
513	Jacobs	738	Drake Specialties, LLC
519	Raschig-Jaeger Technologies	800	CTI Industries, Inc.
524	InterPlan Systems Inc.	801	CB&I

802	Garlock Sealing Technologies	1100	Matrix Inspection & Engineering
807	The Mundy Companies	1101	Lubrication Systems Company
813	TIMEC	1102	D. D. Technology, Inc
819	Hertz Equipment Rental Corp.	1106	ES&H Turnaround Services, Inc.
824	CDI Engineering Solutions	1107	Nooter Construction Company
825	Oilind Safety	1108	CATSI, Inc.
826	Hydratight	1113	Rentech Boiler Services, Inc.
831	Base Line Data, Inc.	1119	Matrix Service Company
836	Dunn Heat Exchangers	1124	Hi-Tech Industrial Services, Inc.
837	Apex Engineering Products Corp.	1125	Flexitallic
838	Southeast Texas Industries	1126	Senior Flexonics Pathway
900	Industrial Gunite, Inc.	1130	Pro-Inspect
901	Hahn & Clay	1131	CEDA/Catalyst Services, Inc.
902	A & A Machine & Fabrication, LLC	1132	Thermal Ceramics
906	Reliability Management Group	1136	Innov-X Systems Inc.
907	United Laboratories International	1137	Hydro, Inc.
908	Zimmermann & Jansen, Inc.	1138	Total Industrial Services
913	Brock Group	1200	Access Plug Flange, Inc.
919	Austin Industrial, Inc.	1201	EST Group, Inc.
924	Conex International Corporation	1202	Standard Alloys
925	KTI Corporation	1206	NDT Seals
926	Alltite, Inc.	1207	Expansion Joint Systems, Inc.
930	Solon Manufacturing Co.	1208	P.A. Inc.
931	Peinemann Equipment	1213	Turner Industries Group
932	Management Resources Group	1219	RepconStrickland
936	Oreco	1224	Kitz Corporation of America
937	Hunter Buildings & Manufacturing	1226	Hotwork-USA
938	Xtreme Bolting Services	1230	Petrochem Field Services
1000	Industrial Ceramics Ltd.	1232	Babbitt Steam Specialty Co.
1001	Wyatt Field Service Company	1236	Lamons Gasket Company
1002	Boardman, Inc.	1238	Revak Turbomachinery Services
1006	FLIR Systems	1300	Infinity Maintenance Services, LP
1007	Air Products	1301	TurboCare
1008	ABS Consulting	1302	Graphite Metallizing Corp.
1013	RSC Equipment Rental	1306	Integra Service Technologies
1019	Team Industrial Services	1307	Bonney Forge Corporation
1024	Elliott Company	1308	McDonough Construction Rentals
1025	Royal Purple	1313	FLUOR Corporation
1026	Jayne Industries, Inc.	1319	TapcoEnpro International
1030	Stress Engineering Services	1400	The Manufacturing Game
1031	Asset Performance Networks	1401	Structural Preservation Systems
1032	Cameron Valves	1402	Bay Area Industrial Contractors
1036	AIMM Technologies, Inc.	1406	KnightHawk Engineering, Inc.
1037	Godwin Pumps	1407	T.D. Williamson, Inc.
1038	Mascoat Products	1408	Remote Access Technology USA
		1413	JV Industrial Companies

List of Exhibitors: By Booth Number

1419 Sulzer Chemtech USA, Inc.	1712 Advanced Reliability Technologies
1425 Cust-O-Fab, Inc.	1713 Cat Tech LLC
1431 Quest Integrity Group (Quest TruTec)	1714 Visionary Insulation Products, Ltd.
1437 All Tech Inspection	1718 Patent Plant Services
1500 The Equity Engineering Group	1719 TesTex Inc.
1501 TIC - The Industrial Company	1720 Industrial Surfacing Corporation
1502 SKF USA Inc.	1724 Everlasting Valve
1506 A and L Industrial Services, Inc.	1725 Deltak Manufacturing Inc
1507 CH2M HILL	1726 Construction & Turnaround Specialists
1508 Satellite Shelters, Inc.	1727 Yarmouth Research and Technology
1513 Cooling Tower Depot, Inc.	1730 Trumbull Industries
1519 STARCON	1731 Novinium
1524 Innovative Turnaround Controls	1732 Thermbond Refractories/ Stellar Materials Inc.
1525 ThyssenKrupp Safway, Inc	1733 EIMCO
1526 Specialty Maintenance Products	1736 DeAngelo Brothers, Inc.
1530 Boulden Company, Inc.	1738 Ventil USA Inc.
1531 ACS Industries, LP	1800 Total Industrial Plant Services, Inc.
1532 Cajun Industries, LLC	1801 ValvTechnologies
1536 AEC Design Group	1802 ABB
1537 Taper-Lok Corporation	1805 WinWare, Inc.
1538 Webb, Murray & Associates	1807 AMISTCO Separation Products
1600 Auburn Manufacturing, Inc.	1811 Petro-Chem Development Co.
1601 McJunkin Red Man Corporation	1812 Tool Center Inc.
1602 Aspen Aerogels	1813 Industrial Insulation Group, LLC
1606 Furnace Improvements	1814 Tray-Tec, Inc.
1607 SRR-IBS(Service Radio Rentals / Industrial Blind Solutions)	1815 Rain for Rent
1608 TASC	1817 The Newdell Company
1613 Aquilex	1818 Clyde Bergemann Power Group
1619 Total Safety U.S., Inc.	1820 Life Cycle Engineering
1624 Project Assurance	1823 CETCO Oilfield Services Company
1625 MOST	1824 Scaffold Engineering Inc.
1626 Hason Steel Products Inc.	1825 Mourik LP
1630 The Blast Bag Company, Inc	1826 AZZ/RAL
1631 Metegrity	1827 Excel Modular Scaffold and Leasing Corporation
1632 Pressure Equipment Engineering Service	1829 PAC West Supply
1636 Consulting and Field Services, LLC	1830 Nantong Special Steel Company
1637 Johnson Screens	1831 Katy Spring & MFG, Inc.
1638 Modular Security Systems, Inc.	1832 Bently Pressurized Bearing Co.
1700 PROGNOST Systems, Inc.	1833 360training
1701 Wood Group Field Services, Inc.	1835 United Rentals, Inc
1702 Cudd	
1706 PetroChem Inspection Services	
1708 Eveready Energy Services	

Floor Plan



Exhibition Hours

Tuesday, May 19

Reception
5:00 pm – 8:00 pm

Wednesday, May 20

Lunch
11:15 am – 1:00 pm

Reception
4:00 pm – 6:00 pm

Thursday, May 21

Lunch
11:15 am – 1:00 pm

Reception
4:00 pm – 6:00 pm



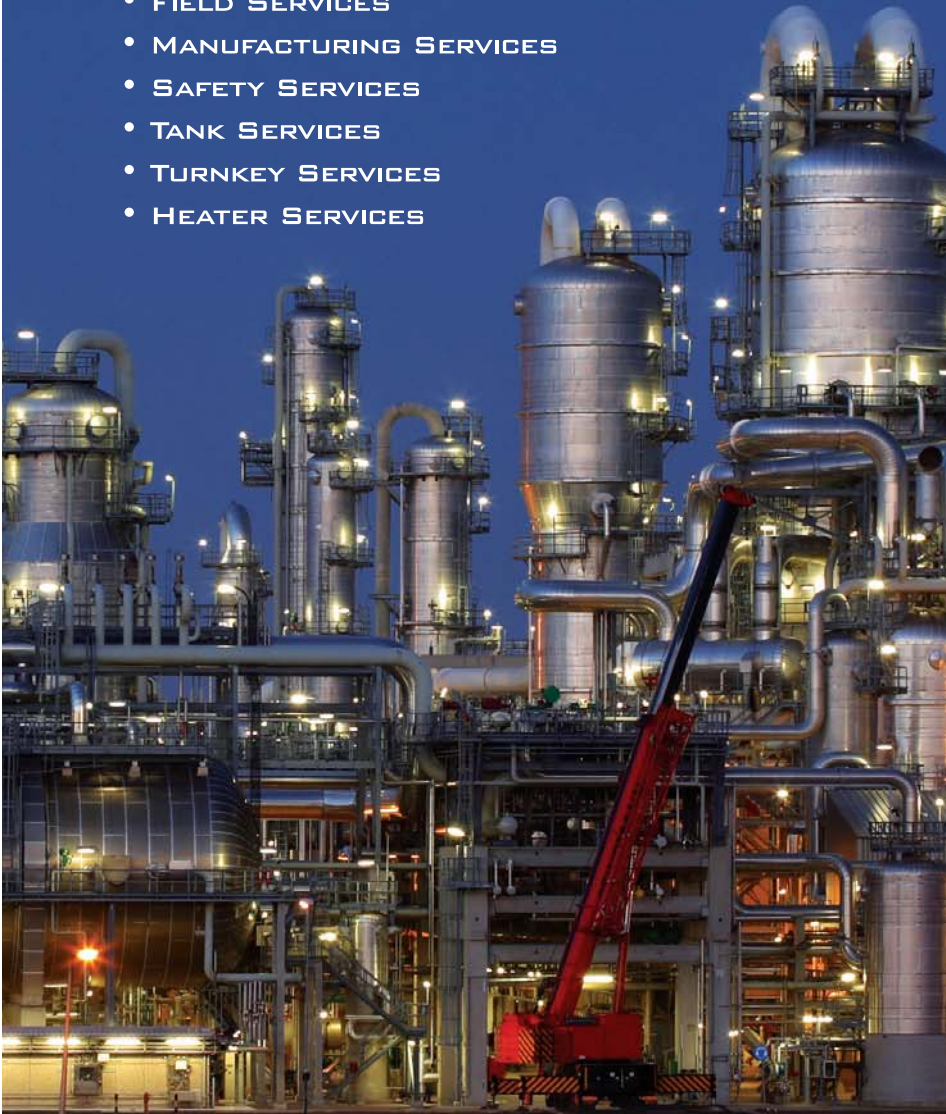
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That's innovative. And that's what comes with experience.

Auto-Switch Coke Cutting Tool

- Pump pressure up to 5400 psi
- Cast construction
- Switch force: nitrogen spring
- Dimensions: 32.375" x 22" (may vary due to connection)
- Mode switch pressure: <400 psi
- Body/nozzle materials: A-487 Gr CA6NM
- Approximate weight: 850 lbs.

