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**WEDNESDAY, APRIL 20**

8:00 a.m.  5:00 p.m.  **REGISTRATION**  Crystal Foyer East  
(Courtesy Tyco Adhesives Corrosion Protection Group (Polykenfi, Powercretefi, AnodeFlex & Raychem Products)

7:45 a.m.  8:45 a.m.  **BREAKFAST BOARD MEETING**  Sunset 7

12:30 p.m.  5:30 p.m.  **DEEP SEA FISHING**  (Bus will leave from front of hotel)

6:30 p.m.  7:00 p.m.  **INTERNATIONAL RECEPTION**  Luna  (Courtesy The Bauhuis Group B.V.)

7:00 p.m.  8:30 p.m.  **PRESIDENT’S RECEPTION**  Sunset Deck  (Courtesy Associate Members)

**THURSDAY, APRIL 21**

7:45 a.m.  9:00 a.m.  **LINE PIPE MANUFACTURERS’ CLOSED MEETING AND BREAKFAST**  Leader  Rusty Fisher, Chairman, Line Pipe Manufacturers Committee and Vice President, Line Pipe Sales, Lone Star Steel Company, Dallas, Texas  
Sunset 7

7:45 a.m.  9:00 a.m.  **COAL TAR COATINGS BREAKOUT SESSION AND BREAKFAST**  Leader  George D. Stoddard, President, Mobile Pipe Wrappers and Coaters, Inc., Adelanto, California - Grande 1-2

7:45 a.m.  9:15 a.m.  **MEN’S AND LADIES’ CONTINENTAL BREAKFAST**  - Crystal Foyer  
(Courtesy CRC-Evans Pipeline International, Inc./PHI, Inc. and Caterpillar, Inc.)

8:00 a.m.  5:00 p.m.  **REGISTRATION**  Crystal Foyer East  
(Courtesy Tyco Adhesives Corrosion Protection Group (Polykenfi, Powercretefi, AnodeFlex & Raychem Products)

8:30 a.m.  11:30 a.m.  **"NAPLES PRINCESS CRUISE"**  (Bus will leave from front of hotel)

9:15 a.m.  **GENERAL SESSION**  Crystal 1-3  
President’s Report  Lee Evans, Vice President, ShawCor Pipe Protection LLC, Houston, Texas  
Managing Director’s Report  Merritt B. Chastain, Jr.  
"GAZING INTO THE CRYSTAL BALL  ECONOMIC OUTLOOK FOR THE NEXT TWO YEARS”
Speaker  Dr. Loren C. Scott, Economics Professor Emeritus, Louisiana State University and President, Loren C. Scott & Associates, Inc., Baton Rouge, Louisiana

10:30 a.m.  **COFFEE BREAK**  Crystal Foyer  (Courtesy Universal Minerals International, Inc.)


11:30 a.m.  **LUNCHEON FOR EVERYONE**  Sunset Deck  (Courtesy John Deere World Wide Construction & Forestry Division)

12:30 p.m.  **GOLF RUMMY TOURNAMENT**  Sunset 7  (Courtesy H.M.S. Corporation)

7:15 p.m.  8:15 p.m.  **RECEPTION**  Crystal Foyer  (Courtesy Halley Industries, Inc. and Hempel Coatings (USA), Inc.)

8:15 p.m.  11:15 p.m.  **"NAPCA HOT LATIN NIGHTS”**  Crystal Ballroom  South American theme in laid-back, fun atmosphere including refreshments, meal, dancing and great entertainment by a Latin band and dancers  (Courtesy Pipeline Inspection Co., Ltd. and DuPont Powder Coatings /Nap-Gard Pipe Coatings as principal sponsors. Other sponsors are American Steel Pipe Division of American Cast Iron Pipe Company, Dura-Bond Pipe LLC, IPSCO Tubulars Inc., Lone Star Steel Company, Maverick Tube Corporation, Oregon Steel Mills, Inc., Stupp Corporation and US Steel Tubular Products)

**FRIDAY, APRIL 22**

7:45 a.m.  9:30 a.m.  **MEN’S AND LADIES’ CONTINENTAL BREAKFAST**  Crystal Foyer  (Courtesy The Valpapar Corporation and Wheelabrator Grp.)

7:45 a.m.  8:45 a.m.  **PLURAL COMPONENT BREAKOUT SESSION AND BREAKFAST**  Leader  Michael A. Romano, Director of Business Dev., Tyco Adhesives Corrosion Protection Grp.

7:45 a.m.  9:00 a.m.  **"TWO RED KELLY'S BALL”**  Crystal Foyer  
(Courtesy The Valspar Corporation and Wheelabrator Grp.)

9:30 a.m.  2:30 p.m.  **"MIROMAR OUTLETS SHOPPING AND LUNCH”**  (Bus will leave from front of hotel)

9:00 a.m.  **COFFEE BREAK**  Crystal Foyer  
"U.S. GAS MARKET AND NEW PIPELINE CONSTRUCTION”
Speaker  Bart Heijermans, Senior Vice President, Offshore and Gas Storage, Enterprise Products L.P., Houston, Texas

10:00 a.m.  **COFFEE BREAK**  Crystal Foyer  (Courtesy Universal Minerals International, Inc.)

10:15 a.m.  **"THE PROFIT STRATEGY”**  Speaker  John F. Graham, Chief Operating Officer, Pipeline Insp. Co., Ltd. and President, Frontline Resources, Inc., Houston, Texas

11:45 a.m.  **GOLD LUNCH AND GOLF TOURNAMENT**  Naples Grande Golf Club  (Lunch, green fees, carts, refreshments and prizes courtesy 3M Company and Specialty Polymer Coatings, Inc.)  (Buses will leave from front of hotel at 11:45 a.m.)

7:15 p.m.  8:15 p.m.  **RECEPTION**  Mangrove Pool  (Courtesy Norison Corporation and CANUSA-GPS)

**SATURDAY, APRIL 23**

7:45 a.m.  9:15 a.m.  **MEN’S AND LADIES’ CONTINENTAL BREAKFAST**  Crystal Foyer  (Courtesy CRTS, Inc. and Wheelabrator Abrasives, Inc.)

7:45 a.m.  9:00 a.m.  **FUSION BONDED EPOXY COATING BREAKOUT SESSION AND BREAKFAST**  Leader  Jason Norris, Sales Manager, Dura-Bond Coating, Inc., Export, Pennsylvania - Crystal 1

8:00 a.m.  9:00 a.m.  **TAPE COATINGS BREAKOUT SESSION AND BREAKFAST**  Leader  Richard F. Brust, Jr., President, Western Pipe Coaters & Engineers, Inc., Orem, Utah - Sunset 7

9:30 a.m.  1:30 p.m.  **"EAST INDIES WAREHOUSE SHOPPING AND LUNCH”**  (Bus will leave from front of hotel)

9:15 a.m.  **CLOSED SESSION**  REGULAR MEMBERS  Crystal 8

9:15 a.m.  **CLOSED SESSION**  ASSOCIATE MEMBERS  Crystal 2-3

10:15 a.m.  **BOARD OF TRUSTEES MEETING**  Crystal 8

12:15 p.m.  5:30 p.m.  **SPORTING CLAY SHOOT**  (Courtesy Ervin Industries, Inc. and Metal Parts and Equipments Co.)  
(Bus will leave from front of hotel)

1:00 pm.  5:00 p.m.  **TENNIS TOURNAMENT**  Resort Tennis Courts

7:15 p.m.  8:15 p.m.  **RECEPTION**  Lalique Foyer  (Courtesy Joton Powder Coatings A/S)

8:15 p.m.  **FINAL BANQUET**  Lalique Ballroom  (Entertainment and wine courtesy BASF NAFTA)

**ALL CONVENTION TRANSPORTATION**  (Courtesy Dan Transportation & Stripping, Inc., T.G. Mercer Consulting Services, Inc. and Montgomery Trucking, Co.)

**ALL CONVENTION AUDIO-VISUAL REQUIREMENTS**  (Courtesy Universal Minerals International, Inc.)
Members Of The National Association Of Pipe Coating Applicators Exert An Edifying Influence Over Worldwide Industry

Since Its Founding In 1965, The In-Plant Coating Association Has Seen Its Membership Rolls Grow As It Focuses On Fundamental Objectives Of Stimulating Use Of Permanent Coating Facilities, Standardizing Application Specifications And Demanding High Workmanship And Ethical Standards

The National Association of Pipe Coating Applicators (NAPCA) continued to deliver benefits to both the pipeline and energy industries during 2004. As they have every year since the Association’s founding in 1965, the members exerted their influence by performance quality work in safe and healthy environments while encouraging broad cooperation in areas of general concern.

OBJECTIVES
The Association’s objectives, business standards and ethics adopted and listed in the bylaws, are as follows:

“The Association shall seek to promote the general welfare of the plant pipe coating application industry; to stimulate the use of plant-applied pipe coating and related materials; to standardize and improve specifications and materials; to aid consumers and manufacturers in their coating material research; to cooperate with other industries and organizations; to disseminate information to the members of the plant-applied pipe coating application industry, its customers and the public; and to encourage high standards of workmanship and business ethics in the plant pipe coating industry and particularly among its members, such business standards and ethics to include, but not be limited to, the following:

- To conduct business using good business practices so as not to commit any misrepresentation to a customer or anyone else;
- To abide by the customer and/or NAPCA specifications applicable to each job;
- To conduct one’s business with financial responsibility;
- To not deviate from the high standards of performance generally accepted in the plant pipe coating industry.”

CURRENT OFFICERS
NAPCA officers this year are Lee Evans, President; James T. Shea, Vice President; and Steve O. Carlson, Secretary/Treasurer. Evans is vice president of ShawCor Pipe Protection LLC, Houston; Shea is managing partner of the Bayou Companies, L.L.C., New Iberia, LA; and Carlson is a vice president and director of Commercial Resins Company, Tulsa, OK.

BOARD OF DIRECTORS
Trustees of NAPCA, serving along with the officers mentioned above, are Merry L. Brumbaugh, Larry McKinney, Jason Norris, and Rick Schok. Also, Joseph H. Hoffman serves as advisory trustee and associate member chairman and Peter Blome serves as foreign member chairman.

Merry L. Brumbaugh is vice president, Tubular Products, L.B. Foster Co., Pittsburgh, PA; Larry McKinney is general manager of Womble Company, Inc., Houston; Jason Norris is sales manager for Dura-Bond Coating, Inc., Export, PA; and Rick Schok is owner of Flowline Alaska, Fairbanks.

NAPCA MANAGING DIRECTOR
L.B. Irish (now deceased) served as the Association’s managing director from 1967 until April 1979 when Merritt B. Chastain, Jr., assumed the duties and continues to serve. Chastain also has represented NAPCA as its general counsel since 1971. Richard F. Johnston serves as executive secretary.

RECOMMENDED SPECIFICATIONS
A complete list of current recommended NAPCA specifications, covering a broad range of plant-applied coatings, a recommended practice for surface cleanliness of pipe received at the coating plant and other matters appears on the Association’s page on the Web at http://www.napca.com/specifications.html.

MEMBERSHIP CLASSES
NAPCA has seven membership classes. Qualifications for membership in each class are:

- Regular member. Any business entity located in the U.S.A. engaged in the manufacture or sale of materials, supplies, equipment or services used by applicators of protective pipe coatings, any steel pipe manufacturer located in the U.S. which manufactures pipe coated by business entities qualified to be regular or foreign members and any distributor of new steel line pipe located in the U.S.A. which maintains a substantial inventory of such pipe in stock.
- Foreign associate member. Any business entity located outside the U.S.A. engaged in a substantial way in the application of protective pipe coatings to steel pipe at permanently established facilities employing permanently located equipment, which pipe is used for the construction of distribution and/or transmission pipelines (as those terms are customarily defined in the oil and gas industry) for crude oil, natural gas and associated products and other hydrocarbons, including any business entity which applies concrete weight coatings or insulation coatings.
- Associate member. Any business entity located in the U.S.A. engaged in the manufacture or sale of materials, supplies, equipment or services used by applicators of protective pipe coatings, any steel pipe manufacturer located in the U.S. which manufactures pipe coated by business entities qualified to be regular or foreign members and any distributor of new steel line pipe located in the U.S.A. which maintains a substantial inventory of such pipe in stock.
- Foreign associate member. Any business entity located outside the U.S.A. which otherwise meets the qualifications for associate membership set forth above and any registered agent of a foreign steel pipe manufacturer which meets the qualifications for foreign associate membership.
- A listing of members is included in this issue. Other association membership classes are industry member and honorary member.

Industry member. Any individual regularly employed as a consultant or as an employee,
NAPCA’s Hall of Fame Members

NAPCA’s Hall of Fame award can be awarded to members or non-members, living or deceased. Annually, members may nominate individuals for this honor. Then, a select committee, consisting of the board of trustees, associate member chairman, managing director and all living recipients of the award, selects recipients of the Hall of Fame award, if any, by secret written ballot. Since its inception in 1965, NAPCA has honored the following with its Hall of Fame award:

- R.E. Henry
- W.C. Hall, Sr.
- G.W. Abernathy
- Robert P. White
- W.W. Hay, Jr.
- Joe Cunningham
- E.R. Anderson
- C.W. Pillow
- W.E. Rowland
- L.B. Irish
- James D. Porter
- William G. Creel
- John M. Holliman, Jr.
- Robert Nee
- Tom Fauntleroy
- John H. Royston
- Robert C. (Bob) Stephens
- Bob Theisen
- Jerry E. Shea, Sr.
- Ronald E. Carlson, Sr.
- Robert W. Sigle
- E.A. (Tony) Lawson
- S.J. Galdo
- John E. Pfeiffer
- George B. Wren, Jr.
- Joseph H. Hoffman
- Merritt B. Chastain, Jr.
- Mike Reizer

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President’s Message

Pipe Coaters Win By Shining A Bright Light On Managing Employee Safety

by Lee Evans, NAPCA President and Vice President, ShawCor Pipe Protection LLC, Houston, TX.
Bayou Flow Technologies promises the most cost-effective, rapid delivery of state-of-the-art flow assurance solutions for the offshore oil and gas market. Look to BFT as your sole source for:

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- Fabrication and Testing
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Fax: (281) 591-0284
info@bayouflow.com

This could result in civil fines and jail time against individuals who fail to provide employees with a safe and healthy workplace. Earlier this year, a contract maintenance worker was severely burned when a corroded pipe nipple blew out of a boiler. The contractor had been called in to repair it because the company maintenance personnel were afraid to attempt repairs due to the corroded nature of the connection. However, they did not advise the contract mechanic of the hazard. As a result of the incident, the company was sued and a $12 million judgment issued against them.

GOOD BUSINESS

Then there are our clients who are scrutinizing safety performance more and more closely on many contracts. They no longer just ask a few questions. They now actively participate in the safety process and audit to verify we are doing what we say and what they want. As a case in point, a major oil and gas company now has a policy that they will not work with contractors who have a Total Recordable Incident Rate above 3.5 (per 200,000 man hours following OSHA calculations).

Clearly, a workplace where employees see and believe that management is involved and cares about them will be a motivated and efficient workplace. This will lead to lower costs, better vertical communication, improved morale and better safety performance.

As a case in point, just over three years ago, we at Bredero Shaw embarked on a journey to raise the level of involvement, responsibility and accountability of management in the HSE process. Our goal is to eliminate workplace incidents and injury. That’s right, I said eliminate. With that clear vision, and the implementation of a HSE program that demands and requires management input and leadership, the U.S. operation has seen total workplace incidents and injury drop by more than 50%. At the same time, our current year worker’s comp incurred costs are more than $500,000 less per year than they were three years ago.

Finally, I have been amazed at the profound impact we can have on our staff. Employee perception surveys indicate a workforce that recognizes management commitment to improving HSE. They see management accepting responsibility for safety and they are appreciative of the improvements made to their personal well being. In return, they are delivering improved efficiency and offering continued suggestions for raising our game.

That is good for business.
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Steve O. Carlson Was Present At The Beginning

Steve O. Carlson is now retired from his position as an operating officer of Commercial Resins Company, Tulsa, but he retains an ownership interest and holds the position of vice president and director. He serves on the board of trustees of NAPCA, helping direct the affairs of the industry’s influential trade association employing the insights gained from almost three decades of pipe-coating experience.

He was born in Titusville, PA and studied geology at the University of Oklahoma. He graduated with a B.S. degree in education. After 15 years teaching chemistry and other sciences at Will Rogers High School in Tulsa, Steve joined his brother Ron at Commercial Resins Company.

His work with Commercial Resins has included construction and operation of the 24-inch FBE plant in Tulsa; managing Resource Engineering and Manufacturing, a company formed to construct coating plants worldwide; and general administration of the company. Steve continues to serve as director.

NACE Instructor

For the past 10 years, Steve has supported his membership in NACE International by teaching Level III Courses at the Annual Midwest Regional Training Seminar. At the Great Bend, KS seminar he teaches “In Plant Application, Specifications and Quality Control for both ID and OD surfaces.” He also organizes demonstrations of girth weld coating applications including FBE, tape and shrink sleeves.

Steve is married to the former Nancy Hempel Smart. They were married on Oct. 16, 1999. In his retirement, his outside interests include golf, wood-working and helping Nancy with landscaping and gardening at their home in Tulsa.

Commercial Resins was founded in 1967 by Ronald E. Carlson, Sr., when FBE coatings were beginning to appear on large-diameter gas pipelines. Girth welds were immediately seen as the weak link in FBE application. The first spread of coating equipment was out the need for cumbersome electrostatics. First Field Application

The first spread of coating equipment was tested on a TGPL 36-inch pipeline in Louisiana and soon the liquid epoxy methods gave way to powder for coating girth welds on large-diameter pipelines.

The company expanded into other areas of the corrosion-coating field but remained true to its origins by continuing to improve its welding equipment. Without leaving the inside of the pipe to chance, Commercial Resins responded to a request from Tennessee Gas Pipe Line to develop the means to also coat the inside surface of the weld during construction.

From the early, somewhat crude robots tested on TGPL pipe at Grand Isle, LA the technology has continued to develop until today, 25 years later, it is possible to clean and coat at higher production rates and higher quality levels than ever thought possible.

The technology continues to develop. Effective in 2004, the coated internal field joint can be tested for coating thickness and have a high voltage holiday inspection sweep. In addition to the real-time video monitoring process for quality control, a digital video record becomes part of the customer’s permanent project file.

Because of the success of their FBE coating plant in Tulsa, Commercial Resins has constructed and installed 25 coating plants in Australia, South Africa, Colombia, U.S., Saudi Arabia, Dubai, Qatar, Abu Dhabi, China, Mexico and the United Kingdom, among others.

True Innovators

The employees of Commercial Resins have been true innovators in corrosion protection of pipelines and, throughout the years, the company has been the station of many of the leaders in our industry today.

As a continuous supporter of NAPCA, six of the company’s personnel have been past presidents, officers and directors and two have been inducted into the Hall of Fame. Five of the company’s current or divested businesses remain active as members of NAPCA, including Commercial Resins, Midwestern Pipeline Services, Flowline Alaska, Commercial Coating Services International, and CRTS, Inc.

We at Commercial Resins see a bright future for the pipe-coating industry. We will continue to improve and develop our core pipe-coating technologies and special added services for our customers. Our partnership with Maverick Tube allows us a base of operations in the central U.S. From this base we are expanding into the Rocky Mountain region and other strategic locations in the Western Hemisphere.

As we move forward, NAPCA will always have a significant role in our industry-wide relationships. We thank the many NAPCA members, suppliers and friends that have supported the efforts of Commercial Resins through the years.
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Keith Coulson Is At Peak Of Notable Career

Keith Coulson's 30-year career in the pipeline business has encompassed a wide range of activities relating to both pipeline protection and maintenance. His early formal education took place at the University College of Swansea (Wales) and the University of Aston (Birmingham, England) where he graduated with a master of science degree.

His initial activities saw him undertake Corrosion Research Studies at the British Steel Laboratories in the UK before accepting a position with the Alberta Gas Trunk Line Company (later NOVA and now TransCanada) in Canada. Here he served in a variety of technical and managerial roles, both within Canada and overseas. Through the consulting arm of NOVA, he was active in numerous domestic and overseas pipeline projects accepting short-term assignments in Malaysia, India, Pakistan, Australia, Japan, Thailand, throughout Europe and the U.S.

His initial responsibilities at NOVA were in pipeline coating evaluations. It was at this time that he helped organize the initial Canadian Standard Association's (CSA) Work Team that — in 1983 — started preparing national standards for plant-applied external pipeline coatings.

First English Language Standard

The first Canadian pipeline coating standard for fusion-bonded epoxy (FBE) was published in 1986 and marked a major milestone in the development of international pipeline coating standards, as the CSA document was the first English language national standard to be published in the world. This standard ultimately laid the foundation for a series of publications of FBE specifications from NACE, API and the Australian Standards Association.

Under Keith's direction as chairman of the CSA Pipeline Coating Committee, they subsequently published in 1992 another pipeline coating standard. This additional specification was for the plant application of external extruded polyethylene coatings.

Both the FBE and extruded polyethylene documents have since undergone several reviews and revisions with both documents re-issued in 1998 and 2002. For this work he has been awarded both the CSA Certificate of Recognition for Pipeline Materials Standards and Certificate of Achievement for Pipeline Standards.

In the late '90s, the International Standards Organization (ISO) began to recognize the benefits of having pipeline coating standards. The ISO group responsible for writing standards initially highlighted three coatings for consideration: three-layer extruded polyethylene, fusion-bonded epoxy, and field joint coatings.

Since that initial review, both the two-layer extruded polyethylene and external concrete coatings have been added to the list of coatings that ISO is going to be preparing as material standards. To this end, Keith was invited to head the ISO TC67/SC2 group responsible for preparing the standard on FBE coatings.

This work has progressed smoothly with representatives from the U.S., Canada, UK, Germany, Italy, France and Norway contributing to the preparation of the first draft standard. This effort, which includes coating manufacturers, coating applicators, specifiers, consultants and end users from all over the world, will hopefully lead to the publication of the first national standard.
ISO Pipeline Coating Standard.

In addition to pipeline coatings, Keith’s involvements have extended to a wider spectrum of pipeline corrosion and management activities including stress corrosion cracking, corrosion assessment techniques, pipeline integrity, quality management systems and supplier assessment techniques.

His paper on the effect of pipeline coatings on the stress corrosion cracking (SCC) of high pressure pipelines was awarded the American Society Of Mechanical Engineers Outstanding Conference Paper Award at the 1993 ASME Offshore and Arctic Engineering Conference in Glasgow, Scotland.

Keith Coulson is a strong advocate for the development of international pipe coating and material specifications and quality management systems — for example, ISO 9001-2000 — and he believes that this has had a major influence in improving the relationships in the pipeline-coating industry between the applicator, material suppliers and the customers.

One of the major challenges that the coating application industry has had to face over the decades is the difficulty of having to operate with completely different material and quality standards from project to project. As has been seen in Canada, this inconsistency can be overcome when specifiers invoke the use of a National Material Specification and a Quality Management System Standard which not only ensure the consistency but also the integrity of the finished product. Hopefully, the issuance of the ISO Pipeline Coating standards will have the same effect globally.

After more than 22 years at NOVA/TransCanada in Canada, Keith retired in 1999 from the business of building and operating pipelines. However, he subsequently accepted the position of vice president of Jotun Powder Coatings in North America. The position initially took him from Calgary to Houston and now to London where he is Regional Manager for the Functional segment in Europe.

Jotun Powder Coatings

Jotun Powder Coatings is a division of the Jotun Group that was started by Odd Gleditsch Sr., as a supplier of paints and protective coatings to the Norwegian whaling fleets in 1920. Since then Jotun has expanded to become a leading manufacturer of protective coatings with an international network of production plants and sales offices encompassing over 35 nations in Scandinavia, Europe, Turkey, Middle East, Far East, Australia, North and South America and Africa.

The company now employs over 4,000 people worldwide and is a global supplier of powder coatings. In addition to supplying conventional powders and anti-corrosion products for pipelines, Jotun Powder Coatings supplies powder coatings for the architectural and industrial sectors. Jotun Powder Coatings also has recognized that over the last decade or so the frontiers of energy have been expanding into more demanding and difficult environments, for example, deeper subsea pipelines in the Gulf of Mexico. In a number of these new frontiers conventional products were not “man enough” to meet the new demands of high temperatures and more vigorous handling requirements such as reel barge construction.

As required, Jotun Powder Coatings’ technical development centers in Norway and Dubai worked with the pipeline construction companies, specifiers and applicators to develop new products which would meet these new demands. One such new and innovative concept is the high temperature powder technology that allows FBE coatings to withstand operating temperatures of up to 150 degrees C.

Oddly, while Jotun is at the leading edge of technology development, the company is probably best known for supplying products...
that protect internationally famous landmarks such as the Eiffel Tower in Paris and the world’s tallest hotel, Burj Al Arab Hotel in Dubai, from the ravages of corrosion.

Sharing Knowledge
Coulson believes that it is of paramount importance to continue to engineer new, innovative and pragmatic solutions to the challenges that the pipeline-coating industry continues to encounter. However, we should also share this new knowledge not only for the use of today’s engineers but as a succession plan to ensure that the new generation of engineers and scientists are aware of the challenges and solutions that went before them.

Coulson has demonstrated this willingness to share information by being the author of more than 20 publications on pipeline corrosion, quality management systems and supplier performance programs. Keith feels that this type of teamwork will best serve the industry for its future challenges. As he has twice coached teams to the Gold Medal at the Canadian Soccer Championship, it is not unexpected to find Keith frequently utilizing sports analogies to press home a point or concept about the importance of teamwork when making presentations to accompany one of his many technical publications.
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