

A NACE EVENT

BRING ON THE HEAT

JUNE 15-16, 2021 | PASADENA, TEXAS

FINAL PROGRAM

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PRESENTED BY



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Gold Level Sponsors



Silver Level Sponsors



Demo Sponsors



Schedule of Events

DAY	EVENT	TIME
Tuesday, June 15	Registration	7:00 AM - 5:00 PM
	Exhibit Hall Open	8:00 AM - 6:00 PM
	Program	8:00 AM - 5:00 PM
	Lunch	Noon - 1:00 PM
	Owners Panel	4:20 - 5:00 PM
	Reception	5:00 - 6:00 PM
	Wednesday, June 16	Registration
Exhibit Hall Open		8:00 AM - 5:00 PM
Program		8:00 AM - 5:00 PM
Demo Day		10:00 AM - Noon
Lunch		Noon - 1:00 PM

Conference Committee

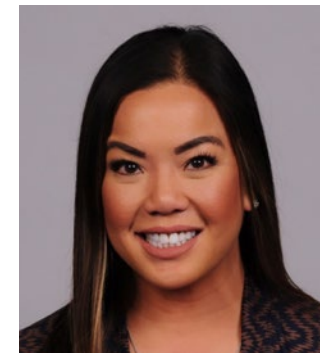
Thank you to our Conference Committee



Conference Chair
Kat Coronado
International Paint, LLC



Technical Chair
Phil Mueller
Dow



Owners Panel Chair
Dianna To
GMA Garnet

Official Media Partners



Special Events—Tuesday

Owners Panel

Tuesday, June 15, 2021

4:20 - 5:00 PM

The Owners Panel brings leaders from some of the biggest oil and gas facilities in the U.S. together in one spot to give you the unique opportunity to ask your burning questions about the use of coatings at their facilities. Get expert insight into what they are looking for, where they see the future of the industry going, and other important questions to help you and your company plan and succeed on your next project.

Our Owners Panel speakers include:

- Larry Curry, Coatings/Linings/Insulation/Fireproofing Materials, Marathon Petroleum
- Carlos Fernandes-Lopez, Non-Metallics Discipline Technology Lead (DTL), ExxonMobil
- Luis Garfias, Materials Scientist, Dow
- Andrew Hevle, Corrosion Control Manager, Kinder Morgan

Reception in the Exhibit Hall

Tuesday, June 15, 2021

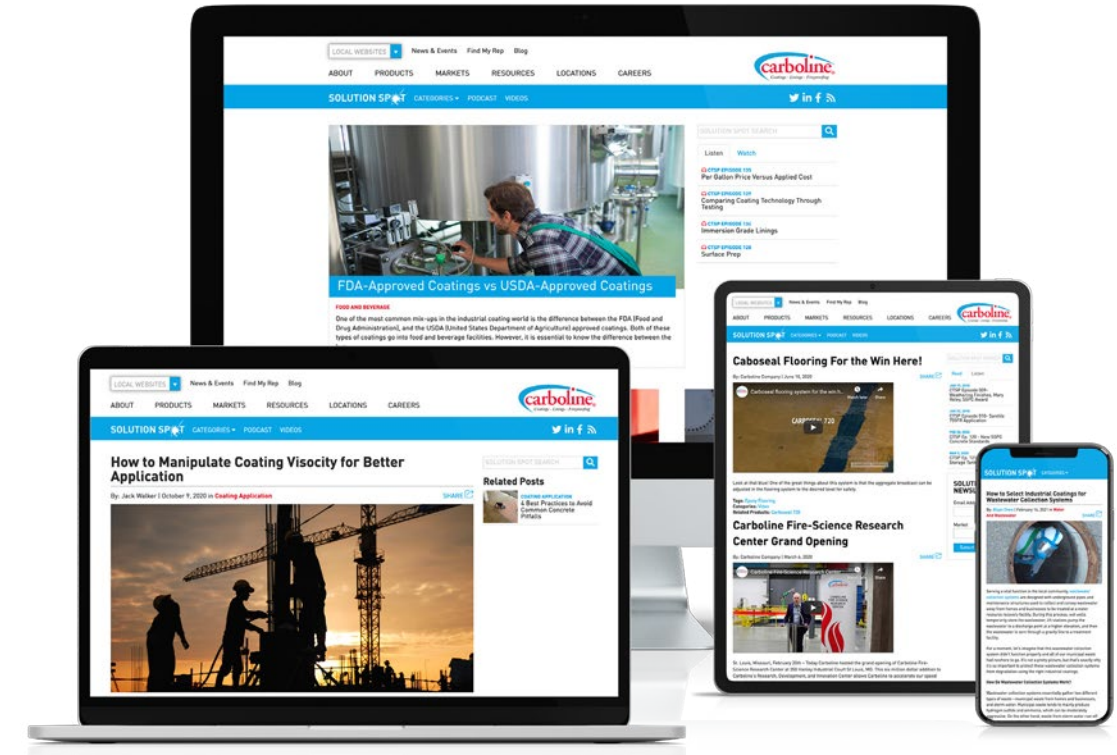
5:00 - 6:00 PM

Help close out the first day with an invitation to kick-up your feet at a reception in the Exhibit Hall. Hors d'oeuvres, beer, wine, and soft drinks will be served. This is a great opportunity to grow your network with peers from across the industry and to peruse the very latest offerings from our vendors.



SOLUTION SPOT

The Solution Spot has the answers to your tough coating, lining, and fireproofing questions.



READ BLOG ARTICLES

Browse through articles written by knowledgeable industry experts, that answer your tough coatings questions.



LISTEN TO PODCASTS

Over 150 podcast episodes featuring experts discussing common industrial coatings and linings products, problems, solutions, and painting and testing techniques.



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Booth #203

Special Events—Wednesday

Demo Day

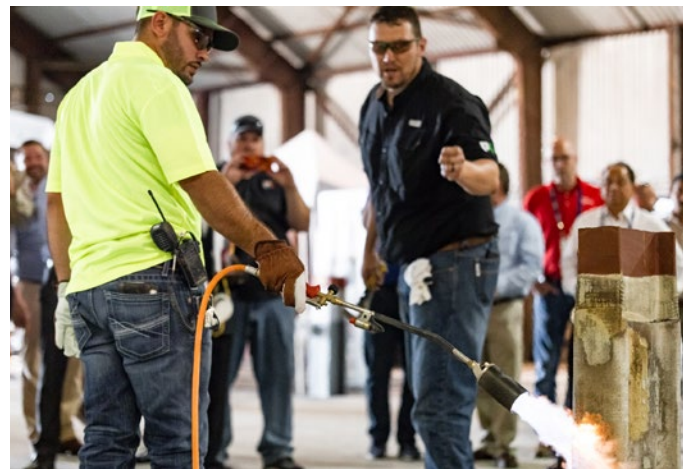
Wednesday, June 16, 2021

10:00 AM - Noon

Bring on the Heat Demo Day presents exciting live demonstrations of several corrosion prevention products and services from top providers skilled in the high-temperature coatings industry.

This free event will be held just before lunch and is open to everyone. It is a great way to network with industry peers, discover some of the very latest technology available.

IMPORTANT SAFETY NOTE: Your safety is important to us! We will provide all necessary safety equipment (safety glasses, ear plugs, mask, etc.) to each participant. However, we do ask that you wear closed-toe shoes while in the Demo Day area.



Demo Day Sponsors



*Sponsors as of June 7, 2021

Clean up with GMA Garnet™

Coatings failures cost money. With GMA Garnet™, there is no rework, no worries, and no risks. With deadlines to meet, GMA Garnet™ pays off.

[Learn more at magarnet.com](http://magarnet.com)



GMA GARNET GROUP



EXPERIENCE THE NEW STANDARD FOR COMMERCIAL COATINGS

The Master Painters Institute (MPI) and AMPP have teamed up to bring you the **FIRST EVER**



COMMERCIAL COATINGS SUMMIT

August 18-19, 2021 | Washington, DC



Two days of excitement you won't want to miss:

- A jam-packed technical program that unites key experts from across the industry
- Networking lunch to help you spark that next business connection
- Help shape the industry at the inaugural meeting of the MPI Standards Committee

In-person space is limited so secure your spot today!

mpisummit.nace.org

Not able to join in person? A virtual registration option is available.

Sponsorship opportunities available!



Demo Day Demonstrations



Carboline and Graco are teaming up for the Bring on the Heat demo day. Don't miss live demos of Carboline's Plasite XHT 400 and Carbotherm 551, both sprayed with Graco's new King® E-Series single leg electric sprayer.

Plasite XHT 400 is a highly cross-linked formulation utilizing Carbolines Supoxy™ technology (patent pending). This formulation is designed to protect fire tubes and vessel surfaces in hot, three-phase conditions. The impermeable film reinforced with proprietary ceramics blocks aggressive vapors and solutions from reaching the steel and subsequent corrosion.

Carbotherm 551 is a unique insulative composite coating formulated in a high temperature resistant epoxy binder. It is an ideal protective heat barrier to shield personnel from hot surfaces. It also inhibits heat transfer into or out of a structure.

The King E-series industrial sprayer allows the use of 240V or 120V, single-phase power – eliminating the need for an air compressor. These sprayers offer the flexibility to spray high solids coatings with less thinner achieving higher mil build per pass, saving time and money. There are hazardous location-approved packages capable of 6,000psi available for the harshest environments, in addition to, ordinary location packages capable of 7,250psi.



You have watched all the videos, witnessed the online buzz, and now it is time to get up, close, and personal with the next generation Floormap®X by Eddyfi Technologies. Get the first look of the new magnetic flux leakage (MFL) array tank floor scanner that's truly changing the inspection game.

The Gekko® and Mantis™ portable phased array ultrasonic testing (PAUT) and total focusing method (TFM) instruments will also be available for a hands-on demonstration. See exactly how the embedded Capture™ software has been designed with the operator in mind to better acquire and analyze the actionable data collected during integrity assessments.

The innovation doesn't stop there. Take the opportunity to meet LYNCS™, a unique multifunction hybrid scanner designed to provide PAUT corrosion mapping and PAUT/TOFD weld inspection. We'll show you how to interchange between configurations in less than a minute!

Eddyfi Technologies is dedicated to providing complete turnkey solutions from instruments to scanners and probes to empower operators to perform the most comprehensive corrosion monitoring activities, ultimately leading to a strong risk management program and extended asset life. Join our experts at Nace Bring on the Heat & Demo Day to discuss your next inspection campaign and stay **Beyond Current**.



Demo Day Demonstrations



The safest way to stop corrosion under insulation while your plant is in operation

The IGS TUFFss Online TSA is a specialized system that provides solutions for facilities with risks of flammable or explosive solutions, including LNG and crude oil refineries, petrochemical plants, and alcohol production facilities. Blasting, coating, and other maintenance work can be done in a live (or online) environment. Watch us demonstrate this system in action!



Bring on the heat - we'll bring the cooling power!

At RPB, we create products that transform the way people perform their roles by enhancing the senses, supporting movement, increasing comfort and most importantly, enabling you to breathe with confidence. We create the world's best, and the same goes with our customer service. We constantly search for new ways that improve our ability to connect with our customers and to show them what sets us apart from our competitors. To support this, we've put everything from our headquarters (including some of the team), onto wheels into our 70 ft Big Rig to deliver to your door everything you need to know about our business, our passion, and the world's best products that we design and manufacture right here in the USA.

As things begin to heat up, it's the perfect time to get familiar with our air supply solutions that enable you to take control of your climate, so your team can perform at their best, for longer. Experience the RPB difference on June 16th during the NACE International demo day! See what 52 degrees cooling feels like!



CUI & CYCLIC TEMPERATURE SOLUTIONS
UNIVERSAL PIPE COATINGS

Easy application in difficult areas?

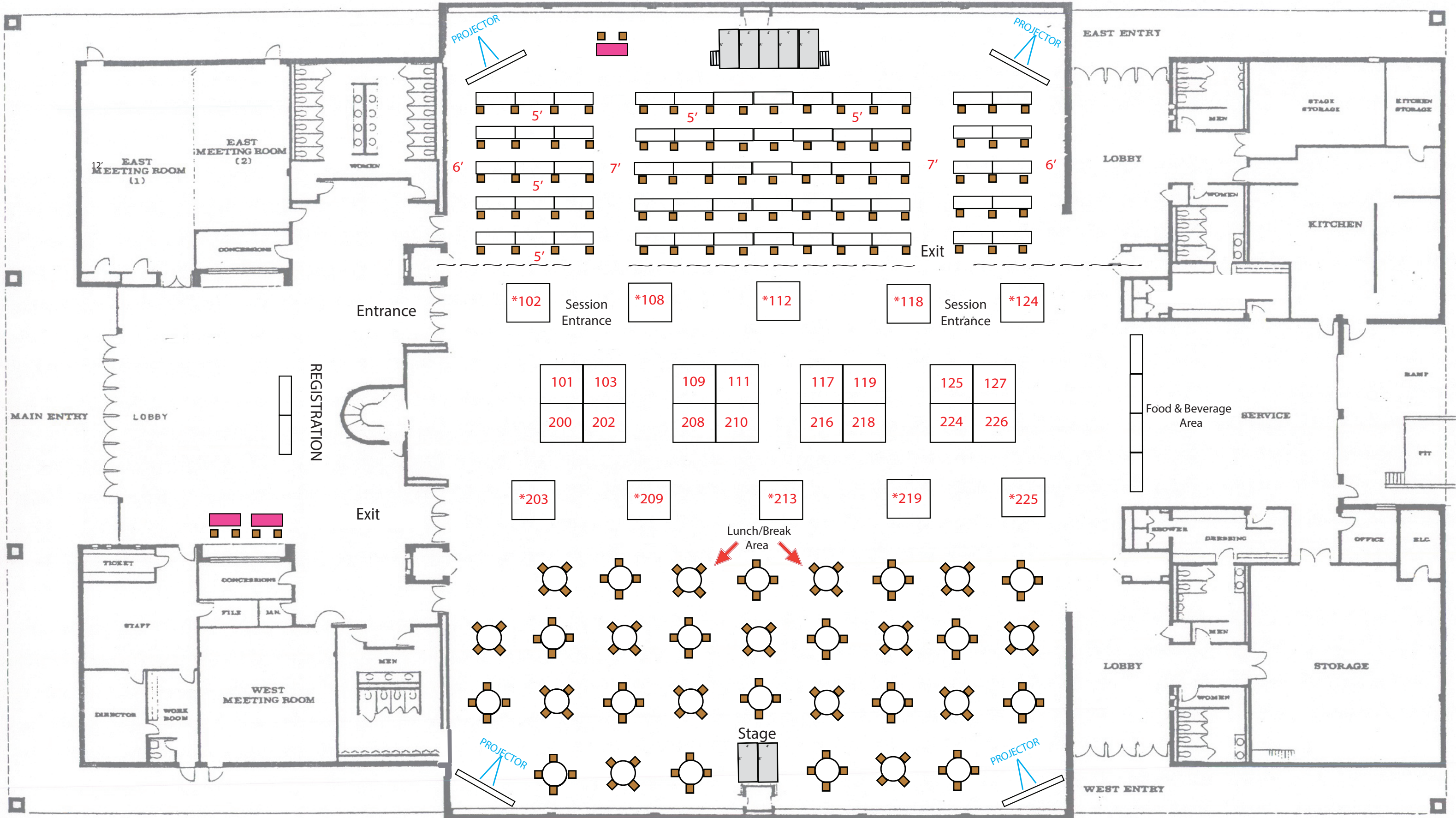
Our comprehensive range of CUI & Cyclical Temperature Solutions provides you with the certainty that your assets are protected from corrosion with our Universal specification concept to simple brush application and excellent surface tolerance enabling you to improve productivity and reduce application costs.

To discover more, contact us or visit our website:
international-pc.com/CUI

Coating intelligence.



Floorplan



Exhibitors

COMPANY	SPONSORSHIP	TABLE TOP #
Carboline	Founder	203
GMA Garnet Group	Founder	108
International Paint LLC	Founder	118
Isolatek International	Founder	209
PPG	Founder	219
WIWA LLC	Founder	102
Graco, Inc.	Gold	224
Mineral Tech, LLC	Gold	117
Aspen Aerogels	Silver	103
Belzona Houston	Silver	226
Coating Society of the Houston Area	Silver	225
Coval Group, LLC	Silver	210
Eddyfi Corp	Silver	216
EIU Inc.	Silver	111
HoldTight Solutions, Inc.	Silver	202
Integrated Global Services	Silver	109
JT THORPE	Silver	101
Lewco Specialty Products	Silver	119
PFPNet	Silver	218
Sponge-Jet Inc.	Silver	208
Tinker & Rasor	Silver	200
TRENTON CORPORATION	Silver	125
QSA Global, Inc.	Silver	127

*Sponsors as of June 7, 2021

PPG HI-TEMP 1027™ HD

Protection against Corrosion Under Insulation (CUI) to reduce the risk of unexpected shutdowns



PPG HI-TEMP 1027 HD is our next generation ambient cure, high temperature CUI coating. It provides:

- Excellent resistance in ambient temperatures during new construction and in extreme temperatures up to 1200°F (650°C) during the operational stage
- Single coat application improving project throughput
- Durable protection against wear and scratch during handling, erecting and long-distance shipping to minimize on-site repairs

Visit <https://www.ppgpmc.com/ppg-hi-temp-1027HD> to find out more.

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The PPG Logo is a registered trademark of PPG Industries Ohio, Inc. PPG Hi-Temp 1027 is a trademark of the PPG Group of companies.



AMPP Policies

Code of Ethics

The Fundamental Principles

Members uphold and advance the integrity, honor, and dignity of the members' profession by using their knowledge and skill for the enhancement of human welfare; being honest and impartial, and serving with fidelity the public, their employers, and clients; and striving to increase the competence and prestige of the corrosion engineering profession.

The Fundamental Canons

- Members shall hold paramount the safety, health, and welfare of the public in the performance of their professional duties.
- Members shall perform services only in the areas of their competence.
- Members shall continue their professional development throughout their careers and shall provide opportunities for the professional development of those members under their supervision.
- Members shall act in professional matters for each employer or client as faithful agents or trustees and shall avoid conflicts of interest.
- Members shall build their professional reputation on the merit of their services and shall not compete unfairly with others.
- Members shall associate only with reputable persons or organizations.
- Members shall issue public statements only in an objective and truthful manner.
- Members shall not maliciously injure the reputation, prospects, or business of others, but this does not remove the moral obligation to expose unethical conduct.
- Members shall act in a manner that respects and values the diversity of our members, staff, partners, customers, and suppliers, and should strive to promote recognition and participation by individuals regardless of differences. AMPP specifically prohibits sexual harassment by or against any employee, member, officer, director, or other volunteer, vendor, or customer; and such conduct will not be permitted or condoned.

Anti-Harassment Policy

AMPP is committed to providing an environment free of sexual harassment (which includes harassment based on gender, pregnancy, childbirth, or related medical conditions), as well as harassment based on such factors as race, color, religion, national origin, ancestry, age, physical disability, mental disability, medical condition, marital status, sexual orientation, gender identity, gender expression, workers' compensation leave, veteran status, or any other condition or characteristic protected by law.

We expect all participants at Bring on the Heat to abide by this Anti-Harassment Policy in all venues at Bring on the Heat and Demo Day, including ancillary events and official and unofficial social gatherings.

- Exercise consideration and respect in your speech and actions.

- Refrain from demeaning, discriminatory, or harassing behavior and speech.
- Be mindful of your surroundings and of your fellow participants.
- Alert AMPP staff if you notice harassment.

If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact Meghan Leyva at +1 361-779-1387 on-site immediately.

Alcohol Consumption Policy

AMPP is committed to the health and well-being of its staff, members, customers, event participants, and vendors. The association expects individuals who choose to consume alcohol at AMPP-affiliated events to do so legally and in moderation. The use of alcoholic beverages by any participant at a AMPP-affiliated event shall be in compliance with federal, state, and local laws. Persons who infringe upon the rights of others, who conduct themselves in a disorderly manner, or who damage or destroy property shall be subject to disciplinary and/or criminal action. All Bring on the Heat participants are expected to abide by this alcohol policy in all venues at Bring on the Heat, including ancillary events and official and unofficial social gatherings. Participants shall conform to the requirements of this policy and all other applicable AMPP policies, including but not limited to the AMPP Code of Ethics and anti-harassment policies.

Minor Policy for AMPP Conferences

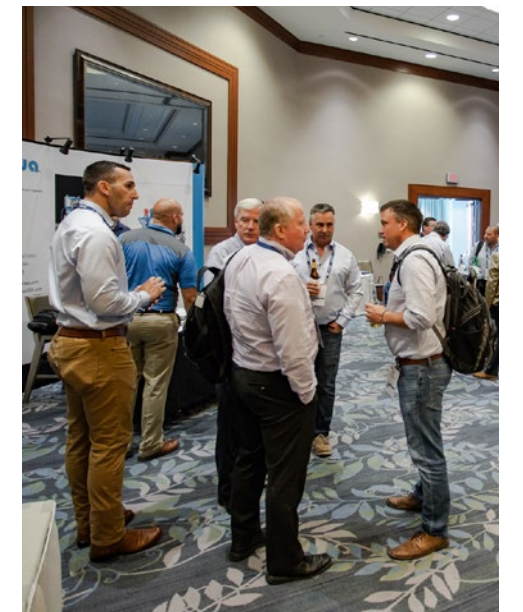
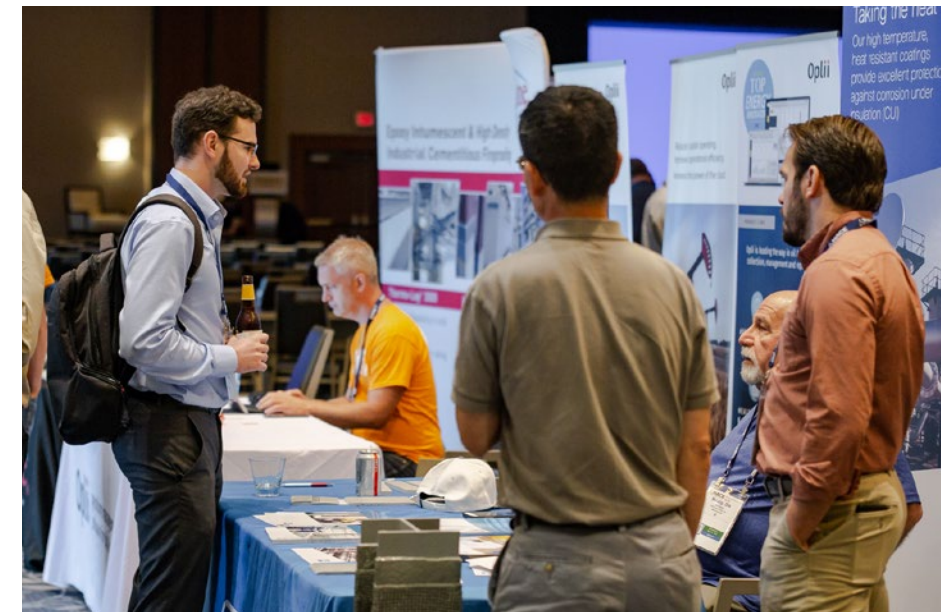
Children under the age of 15 are not permitted at Bring on the Heat. Children over the age of 15 must be registered as guests and wear badges at all times while in the convention center. To accommodate nursing mothers, the following will apply:

- Expo attendance: Nursing infants will be allowed in the Exhibit Hall during show hours only and must always be carried by a registered AMPP attendee either in his or her arms or in a front baby carrier (NO STROLLERS PERMITTED). Everyone who attends the exhibition must be registered and have a badge. Badges for minors 15 and older are free and available on site at the registration desk. Minors between 15 and 18 years of age must be accompanied by an adult at all times. Guardians are asked to help maintain a professional, disturbance-free exhibition environment.
- Presentations and symposia: To provide all AMPP attendees an optimal learning environment, minors and guests are not permitted in technical presentations or the symposia. Those attending these sessions must be registered for the conference and show the appropriate badge.
- Exhibitors: Exhibitor booth staff must be registered as such and be 15 years of age or older. The nursing infant rule does not apply to exhibitors. No child under the age of 15 may be in an exhibit booth during set-up, tear-down, or show hours. Anyone in violation of these rules will have their booth closed and will not be provided a refund.
- Strollers and rolling carts are not allowed in the Exhibit Hall at any time.

If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact Meghan Levy at +1 361-779-1387 on-site immediately.

Technical Program—Tuesday

FROM	TO	TUESDAY, JUNE 15, 2021
7:00 AM	5:00 PM	Registration
8:00 AM	6:00 PM	Exhibit Hall Open
		Presentations moderated by Dianna To, GMA Garnet
8:00 AM	8:40 AM	Corrosion Mechanisms Under CUI and PFP Presented by Kat Coronado, International Paint and Carl Reed, Consultant
8:40 AM	9:20 AM	How Abrasives Affect/Effect Surface Finish Presented by Pete Mitchell, GMA Garnet
9:20 AM	10:00 AM	Break
10:00 AM	10:40 AM	Preventing the Do-Over: Understanding the Elements That Produce a Quality PFP Project Presented by David Hunter, Hempel
10:40 AM	11:20 AM	Multi-Sectional Assessment in Hydrocarbon Fire Applications Presented by Bill Dempster, International Paint
11:20 AM	Noon	Performance Based PFP Design and Specification for Oil and Gas Facilities Presented by Onder Akinci, Simpson Gumpertz & Heger
Noon	1:00 PM	Lunch
1:00 PM	1:40 PM	Supoxy: The Latest Innovation in Epoxy Technology Presented by Justin Manuel, Carboline
1:40 PM	2:20 PM	Inherent Challenges with Fireproofing Galvanized Steel Presented by Russell Norris, Sherwin Williams
2:20 PM	3:00 PM	Break
3:00 PM	3:40 PM	Corrosion Under Insulation and Metal Alloys, Do I Still Need to Worry? Presented by Keith Briegel, Dow
3:40 PM	4:20 PM	Surface Preparation Risks for High Temperature Coatings Presented by Ken Rossy and Alex Petkas, HoldTight Solutions
4:20 PM	5:00 PM	Owner's Panel
5:00 PM	6:00 PM	Reception



Technical Program—Wednesday

FROM	TO	WEDNESDAY, JUNE 16, 2021
7:00 AM	5:00 PM	Registration
8:00 AM	5:00 PM	Exhibit Hall Open
		Presentations moderated by Dianna To, GMA Garnet
8:00 AM	8:40 AM	Inspection CUI & CUF With Repairs Presented by Arthur MacKinnon, Hempel Coatings
8:40 AM	9:20 AM	Corrosion Under Fireproofing—Detection and Assessment with Pulsed Eddy Current Array Presented by Lloyd Graham, Eddyfi
9:20 AM	10:00 AM	Break
10:00 AM	Noon	Demo Day
Noon	1:00 PM	Lunch
1:00 PM	1:40 PM	Piping Hot? A Hot Spread Epoxy Phenolic Coating for Hot Rusted Pipes and CUI Mitigation Presented by Vijay Datta, AkzoNobel
1:40 PM	2:20 PM	What Can The NACE TG516 Test Method Really Tell Us About Insulation? Presented by Monica Chauviere, Super Insulation, LLC
2:20 PM	3:00 PM	Break
3:00 PM	3:40 PM	Accelerated Stress Testing Epoxy CUI Coatings Presented by Dik Betzig, Thermal Coating Solutions
3:40 PM	4:20 PM	Cryogenic Exposure of Industrial Cementitious Fireproofing Followed by an Immediate or Delayed Jet Fire Test Presented by Cabot Wilkinson, Carboline
4:20 PM	5:00 PM	Utilizing Automated Radiography for Cost-Effective Large-Scale Corrosion Screening Presented by John Musgrave, MISTRAS Group



A FINAL YEAR YOU WON'T FORGET!

December 13–16, 2021

Phoenix Convention Center, Phoenix, AZ

A not-to-be-missed event featuring a comprehensive technical program covering all aspects of protective coatings—from surface preparation to inspection!

Registration opens **JULY 2021**

Exhibits and sponsorship opportunities available

We can't wait to see you there!

www.sspc.org/coatings-2021

