

Alison Kaelin Qualifications Profile

- 2022 Recognition of Service in the Establishment of AMPP Award
- 2020 Journal of Protective Coatings and Linings Editors' Choice Award
- 2018 JPCL Reader's Choice Award
- 2018 JPCL Prestige Award - Educator
- 2016 Coatings Education Award
- 2014 co-recipient of the inaugural SSPC Women in Coating Award
- 2013 JPCL Editors' award
- 2012 "JPCL: Top Thinkers: The Clive Hare Honors" as a visionary who has advanced the protective coatings industry in the past decade."
- 2011 ASQ Who's Who NorthEast Division
- 2005 Recipient of Society of Protective Coatings (SSPC) Technical Achievement Award
- 35+ years of experience in quality, engineering, construction and consulting in the steel fabrication, coatings, nuclear, transportation, utilities, water and wastewater and manufacturing industries
- AMPP Global Center Board of Directors
- The Society for Protective Coatings (SSPC) Board of Governors
- Chair
- SSPC TU7, "Conducting Ambient Air, Soil, and Water Monitoring During Surface Preparation and Paint Disturbance Activities" (SSPC 00-03)
- SSPC Guide 16, Guide to Specifying and Selecting Dust Collectors
- Member: Guide 6, Guide 7 and Platform Committees
- Former Chair QP2/QP3 Certification
- Journal of Protective Coatings and Linings Contributing Editor
- SSPC C3 Principal Instructor / Technical Editor of C-3 course
- Certified Quality Auditor, American Society of Quality (ASQ)
- National Association of Corrosion Engineers (NACE) International, Senior Coating Inspector
- AISC and AWS

Legacy Organizations

NACE International, The Corrosion Society

- Established in 1943 as National Association of Corrosion Engineers
- HQ in Houston with offices in 7 Countries
- Source for:
 - Technical training and certification programs
 - Conferences
 - Industry standards
 - Reports
 - Publications
 - Technical journals
 - Government relations

SSPC: The Society for Protective Coatings

- Founded in 1950 as the Steel Structures Painting Council
- HQ in Pittsburgh
- Source for:
 - Technical training and certification programs
 - Conferences
 - Industry standards
 - Surface preparation
 - Coating selection
 - Coating application
 - Environmental Health and safety regulations

NACE International + SSPC = AMPP

The Association for Materials Protection and Performance

After more than 70 years, NACE International and SSPC have joined together to form AMPP, a global community of professionals dedicated to protecting assets and infrastructure through the advancement of corrosion control and protective coatings.



AMPP™

Based in the U.S., AMPP has offices in Houston, San Diego and Pittsburgh. Additional offices are located in the U.K., China, Malaysia, Brazil, and Saudi Arabia. AMPP also has career development centers located in Houston, Pittsburgh and Dubai.

AMPP. Helping you succeed at every stage of your career.

KNOWLEDGE:



Learn industry/technology specific information for career long professional development.

- Workforce training and credentialing
- Conferences, seminars and webcasts
- Industry standards
- Technical and research papers
- Materials Performance, Coatings Pro and Corrosion Journal magazines
- Topical newsletters and over 450+ books

RESOURCES:



Carry out your activities and accomplish your goals with guidance available to you when you need it.

- Career center and job boards
- Leadership Programs
- 250+ Technical Committees
- Online discussion groups for collaboration and information sharing
- EMERG Student Outreach which introduces career access points and provides engagement opportunities for students of all ages, scholarships, and veteran's workforce development
- Company accreditation
- Individual, corporate, student or senior membership benefits

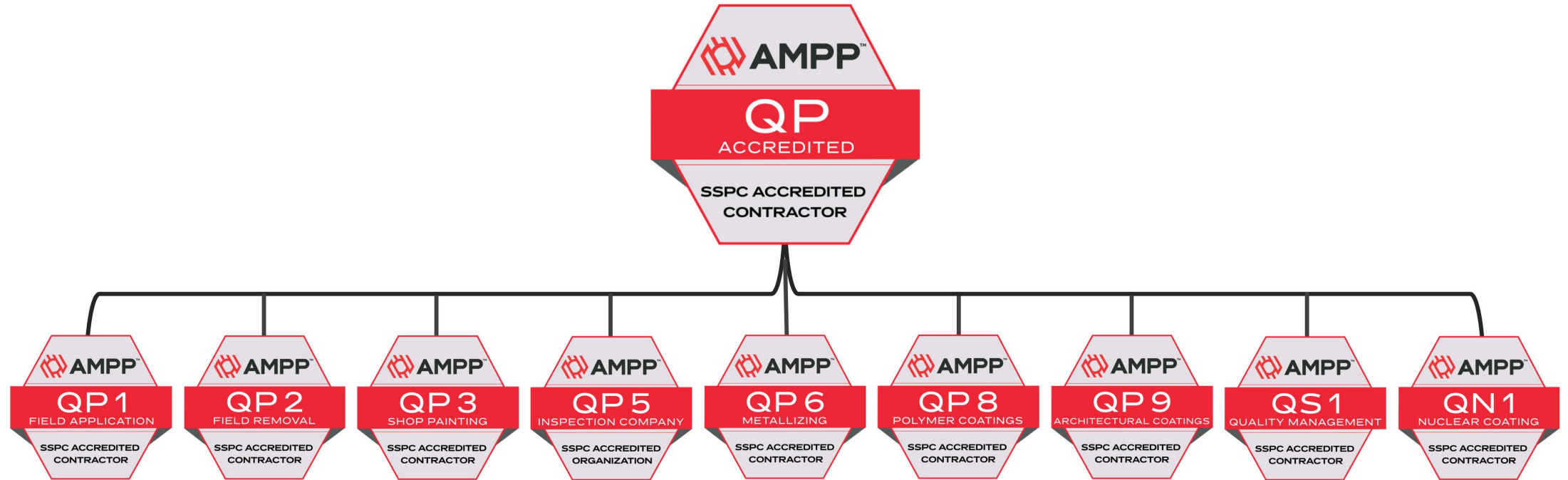
COMMUNITY:



Connect with your peers, work with experts in your field and make your voice heard.

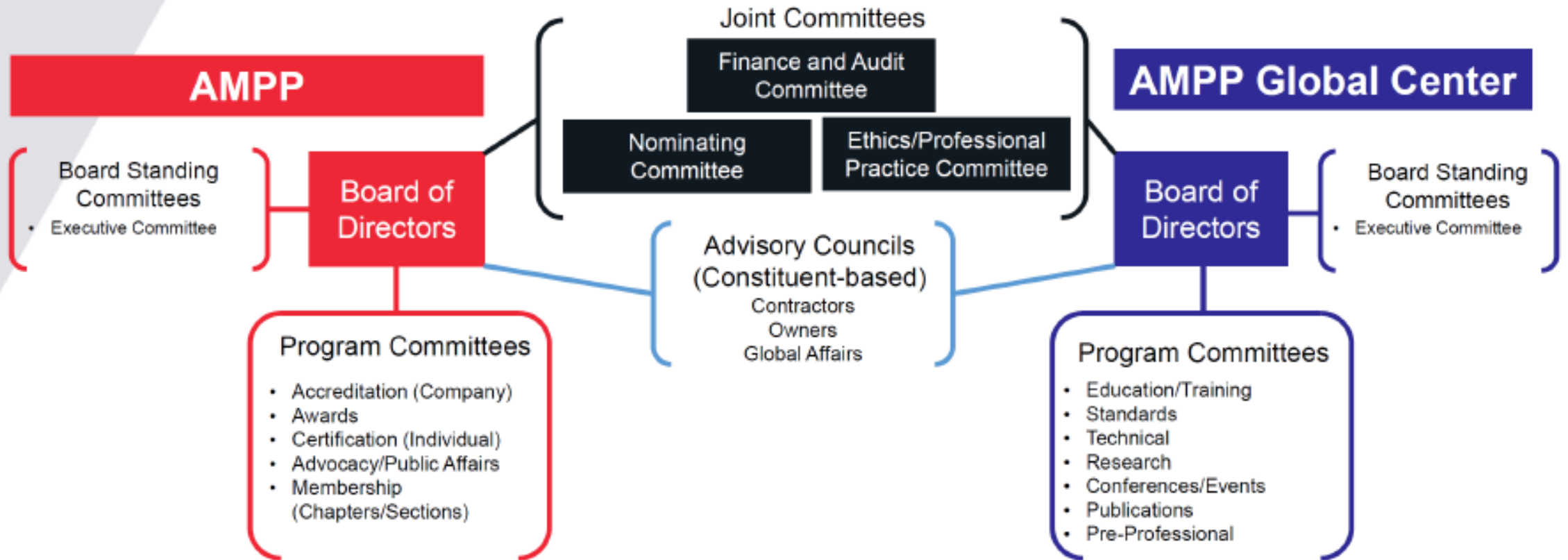
- Geographic communities that provide local opportunities and networking events
- Communities of interest focused on a shared interest within the global corrosion and protective coating industries
- Volunteer opportunities that impact and shape the industry
- Legislative reform that advances policies to increase public safety, protect assets and the environment

AMPP QP Programs



Audits play a critical role in the QP Program's accreditation process. Many of the QP programs require an initial audit to be performed to obtain accreditation, and ongoing audits to maintain the accreditation.

AMPP Volunteer Leadership in a Snapshot



AMPP Changes



VALUE, AGILITY & SCALE

In January 2024, AMPP put out 2023 Annual Insights. The Executive Director, and both presidents referenced the need to streamline the organization

- During the AMPP conference, I learned that the Alan Thomas, had significantly cut staff at all levels, was losing membership and especially “brain drain” in leadership and committees.
- Paul Vinik the President of AMPP BOD abruptly resigned from the BOD (within last month) prior to the end of his term in December 2024.
- He has been replaced on an interim basis by Kimberly-Joy Harris, Ph.D., PMP (Oil/Gas industry).
- The AMPP announcement for Kimberly-Joy notes “Dr. Harris will lead the AMPP Board as it continues its work with the AMPP Global Center Board, led by Juan Caballero, **to consolidate AMPP’s governance into one Board in January. This important project will, by design, lead to a more agile and innovative organization.**” I can find no other mention of this major change on the AMPP website and it is not reflected in current AMPP bylaws on their website.
 - This will change the entire governing structure of AMPP. Currently, the 2 Boards (BOD and Global) have separate powers and responsibilities. Currently each Board can have 3-17 members.

CALIFORNIA APPROVES NEW LEAD RULE – February 2024

- California Occupational Safety and Health Standards Board approved final rule
- TITLE 8: Section 1532.1 of the Construction Safety Orders; Section 5155 of the General Industry Safety Orders; and Section 5198 of the General Industry Safety Orders
- Effective in January 2025
 - Additional year for some of the requirements
 - Additional time for some requirements for abrasive blast cleaning

CALOSHA LEAD RULE – KEY PEL, ACTION LEVEL AND BLL CHANGES

CURRENT PEL	NEW PEL	CURRENT Action Level	NEW Action Level
50 ug/m ³	10 ug/m ³	30 ug/m ³	2 ug/m ³

CURRENT MRR BLL	NEW MRR BLL	CURRENT Return to Work BLL	NEW Return to Work BLL
50 ug/dL	30 ug/dL	40 ug/dL	15 ug/dL

CURRENT Exam	NEW Exam	CURRENT Hygiene Required	NEW Hygiene Required
40 ug/dL	15 ug/dL	50 ug/m ³	Any exposure

CALOSHA LEAD RULE

- PEL will be **10** $\mu\text{g}/\text{m}^3$ / Action Level **2** $\mu\text{g}/\text{m}^3$
- BLL ≥ 20 $\mu\text{g}/\text{dL}$ require medical exam and more frequent BLL testing
- Medical Removal Protection (MRP) at or above 30 $\mu\text{g}/\text{dl}$
 - 1 year after the effective date (January 2026), MRP if last 2 BLLs are at or above 20 $\mu\text{g}/\text{dl}$ or the average of all BLLs in the last 6 months is at or above 20 $\mu\text{g}/\text{dl}$
- Returning from MRP at 15 $\mu\text{g}/\text{dl}$
- Response plan required when an employee's BLL is at or above 10 $\mu\text{g}/\text{dl}$
- Removal of second blood test after 2 weeks

CALOSHA LEAD RULE

- Regulated area required
- Signs at the Action Level
- Prohibition of food, etc. all areas that lead exposure is possible
- Use of special cleansing compounds (deleading soaps)
- Washing of exposed arms
- Updated training requirements
- Burden of proof on employer of evaluations of worker exposures, engineering controls, respiratory protection, and cleaning

CA LEAD RULE – Abrasive Blasting / Trigger tasks

- **Until 5 years from the effective date (1/2030), employers to expose employees **conducting abrasive blasting** to an airborne concentration of lead no greater than **25 $\mu\text{g}/\text{m}^3$ as an 8-hour TWA vs. 10 $\mu\text{g}/\text{m}^3$ as an 8-hour TWA****
- **Does not apply to cleanup or enclosure movement**
- **The Action Level will remain at 2 $\mu\text{g}/\text{m}^3$**

- New Level 2 (Group) 2 trigger tasks when lead is present:
 - Manual sanding
 - Power tool cleaning grinding or sanding with a vacuum system
 - Spray applying lead containing coatings
- New Level (Group) 3 triggers tasks include:
 - Rivet busting
 - Power tool cleaning grinding or sanding without a vacuum system
 - Cleanup activities where dry expendable abrasives are used
 - Abrasive blasting enclosure movement and removal

CA LEAD RULE – Abrasive Blasting

- **Interim Administrative control** for employees conducting dry abrasive blasting, the amount of time an employee could conduct **dry abrasive blasting would be limited to 5 hours per day** until an exposure assessment has been completed
 - **except that after 5 years** from the effective date of the standard (January 2030), the amount of time would be limited to **2 hours per day**.
- As an interim protection, this administrative control would apply only until exposure assessment has been conducted, after which exposure controls would be based on the exposure assessment.

CA LEAD RULE – Level 3 Requirements

- Interim Protections for Level 3 trigger tasks include:

- Respiratory Protection
- Protective Clothing and Equipment
- Change Areas
- Regulated areas
- Eating areas
- Lead training program
- Showers
- **Medical surveillance (Blood lead testing)**
- **Administrative controls**
- **Medical examinations**

CA LEAD RULE – Medical Surveillance

- **Medical surveillance (Blood lead testing)**
 - At initial placement with potential exposure above the Action Level OR performing a trigger task.
 - At least every two months for the first six months after initial placement OR if there is a change of task resulting in higher exposure
 - Every six months thereafter
 - If an employee's last BLL is at or above 10 µg/dl but is below 20 µg/dl, the testing frequency is increased to must be at least every two months
 - This frequency must continue until two consecutive BLLs, taken at least 30 days apart, are less than 10 µg/dl
 - Monthly BLL testing must be provided
 - As an interim protection for each employee who performs a level 3 trigger task
 - If an employee's last BLL is at or above 20 µg/dl OR are removed from exposure to lead due to an elevated BLL
 - If an employee has an airborne exposure to lead above 500 µg/m³ as an 8-hour TWA
 - A blood lead test required within 3 days after discontinuing
 - A level 3 trigger task work
 - Work associated with airborne exposure above 500 µg/m³

CA LEAD RULE

- **Medical Examinations**

- At initial placement with potential exposure above the Action Level OR performing a trigger task.
- Annually if an employee's BLL is 20 µg/dl or greater during the preceding year.
- must be made available as soon as possible upon receiving a blood lead test result of 20 µg/dl or greater if the employee has not had a lead-specific medical examination in the last 12 months