

# SSPC QP CONTRACTOR BULLETIN



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## Welcome Newly Certified Contractors

Advanced Coatings, LLC  
New Jersey

AMP United, LLC  
California

Brand Energy Services of California  
California

Brand Energy Solutions, LLC  
Texas

Consolidated Painting, LLC  
Hawaii

Frontier Welded Products, Inc.  
Texas

Independent Specialized Inspection, LLC  
Oregon

Mandros Painting, Inc.  
Wyoming

UCL, Inc.  
Ohio

## CAS Ratios on Job Sites to Change

*Changes have been in effect since January 1, 2017*

SSPC reminds QP contractors that the ratio of CAS-certified workers to non-certified craft-workers on job sites changed on January 1, 2017.

As of that date, the requirements are: *Two (2) CAS-certified Level I or II (minimum one (1) Level II - Interim Status) craftworkers to two (2) non-certified craftworkers (50%) on each painting crew during blast cleaning and spray application (Atmospheric and Immersion Service).*

CAS QP 1 implementation applies only to projects where blast cleaning and spray-painting are performed on metal surfaces and the contract amount for coating work exceeds \$100,000 USD. In addition, CAS certification is not intended for every member of

the industrial painting workforce. SSPC recognizes there are good crafts-workers who specialize and perform well in one aspect of the trade and who are working on coating projects today. These crafts-workers will continue to be an important part of the contractor's workforce but will not be required to hold CAS certification unless CAS is called out in the project specification.

An industrial painter has two tracks to become eligible to take the "interim" Level II certification exam:

**Track 1:** Have at least 2000 hours of documented practical experience and a minimum of 150 hours of classroom training



*(Continued on Page 2)*

## CAS Ratios

(Continued from Page 1)

**Track 2:** Have at least 3000 hours of documented practical experience and no formal classroom training.

Once determined eligible by SSPC, the painter must pass a written, closed-book 100-question multiple-choice exam and a hands-on skills assessment in order to achieve CAS certification.

The written exam covers the fundamentals of surface preparation of steel, coating application, blast cleaning, spray-painting equipment, and safety. The hands-on exam requires the painter to demonstrate competence in blast cleaning and spray application.

Once certified under the CAS program, the painter does not have to retake any segments of the exam during his or her career, unless the certification expires.

**For more information about CAS and QP 1, please visit:**  
<http://www.sspc.org/qp-cas-qp1>

To schedule a CAS Exam for one or more of your craftworkers, contact **Jennifer Merck** at 1-877-281-7772 x2221 or by email at [merck@sspc.org](mailto:merck@sspc.org).



# Top 10 Audit Findings this Quarter

*Don't be a DAC violator*

1. Pre-job safety assessments not routinely conducted
2. Daily inspection reports not signed and reviewed by the Quality Control Supervisor
3. Personnel lacking immediate access to quality control/ environmental health and safety plans on the job site
4. Inadequate number of first-aid trained employees on site or first-aid training has expired and not been renewed
5. Non-conformance log not current or maintained
6. Internal non-conformance not documented
7. Standards not available on job site or available standards are not the correct or updated versions required for the contract
8. Carbon monoxide monitors not currently calibrated or being used on breathing air lines
9. Workers not tied off in accordance with OSHA requirements
10. Training/respiratory protection records not available at job site

## The PCCP Advisory and QP 1 and QP 2 Committees Held Meetings During the Tampa Conference

Your PCCP advisory committee, which is headed by Rich Capolupo (Prime Coatings Inc.) met during the recent SSPC Annual Conference in Tampa, Florida. The PCCP advisory committee oversees the administration of the SSPC QP programs. The SSPC-QP 1 and QP 2 committees also met during the conference to review comments on the most recent ballots.

## New Edition of SSPC Vol. 1 Now Available!



SSPC Painting Manual Volume 1 Good Painting Practice, 5th Edition, has been updated in its entirety to reflect the latest in standards, technology, and management techniques used in the protective coatings industry today. This collection is a companion to SSPC Painting Manual

Volume 2: Systems and Specifications.

Volume 1 is divided into seven sections of related articles. This edition includes new articles about Polysiloxane Coatings, Elevated/High Temperature Coatings, Concrete Surface Preparation and Coatings,

Concrete Flooring Moisture Issues, Inspection of Nonskid Coatings, Paperless Quality Assurance (QA), and Introduction to Common Coating Contracts. The new edition is \$200 for members. Buy it online at: <http://www.sspc.org/PB-00214>

Welcome to the new SSPC.org! [Click here to see the Top 6 Questions about the update.](#)

**SSPC.org** The Coatings Society.

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## CAS: QUALITY CERTIFICATION FOR PROFESSIONAL CRAFTWORKERS

THE FASTEST GROWING CERTIFICATION FOR COATING APPLICATORS.

[Learn More](#)

# SSPC Has a New Web Site

*Have You Downloaded the Latest Standards Updates? Keep Your Standards Book Updated for Your Next Audit!*

In January SSPC launched its new web site, and the way you download your Standards, is a little different. But don't fear, with these easy instructions, you'll have up-to-date Standards in no time!

1. Login to your SSPC.org account. Follow the password reset instructions if needed.
2. Click on "MARKETPLACE" on the top-right side of the page.
3. Click "STANDARDS" in the dropdown menu.
4. If you are logged in as an SSPC Member, you will see standards with \$0.00 pricing.
5. Click the standards you want and add them to your Cart
6. Follow the Checkout process

7. You can download your standards immediately by clicking on "Welcome (Your Name)" at the top of the page, then clicking on "Downloads" on the left side of the popup menu to go to the Downloads section in your account.

8. You do not need to use a credit card to checkout if you are only downloading standards as a member.

**Note:** It is now possible to search for contractors directly from the larger "search boxes" on the homepage. Also, the procedures for downloading QP forms or filing job notifications will stay the same.

## SSPC New and Revised Standards

### New SSPC Standards Since August 2016:

SSPC/NACE Joint Standard Practice SSPC-CPC 1/NACE SP21412-2016 Corrosion Prevention and Control Planning

SSPC-Guide 22, Use and Retention of Pre-Construction Primers on Steel in Shipbuilding

### SSPC Standards Revised Since August 2016:

SSPC-PA 2, Procedure for Determining Conformance to Dry Coating Thickness Requirements

SSPC-Paint 24, Latex Exterior Finish Coat for Steel Surfaces, Performance-Based.

SSPC-PS 26.00, Aluminum-Pigmented Epoxy Coating System Materials Standard, Performance-Based

SSPC-CS 23.00/AWS C2.23/NACE No. 12, Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and their Alloys and Composites for the Corrosion Protection of Steel

## CAS Exam Now Available in Greek and Spanish

In response to your requests, SSPC has translated the CAS exam into Greek and Spanish to enable an even greater number of craftworkers to become CAS certified.

What other CAS language translations do you think would benefit the workforce?

Contact Joe Berish, SSPC Corporate Certification Program Manager ([berish@sspc.org](mailto:berish@sspc.org)) with your suggestions.

# OSHA Updates

*OSHA has issued a final rule to prevent chronic beryllium disease and lung cancer*

## Beryllium Rule.

**OSHA has issued a final rule to prevent chronic beryllium** disease and lung cancer by limiting worker exposure to beryllium and beryllium compounds. **It contains standards for three sectors:** general industry, construction, and shipyards with these key provisions:

- Reduces the permissible exposure limit (PEL) for beryllium to 0.2 micrograms per cubic meter of air, averaged over 8-hours.
- Establishes a new short-term exposure limit for beryllium of 2.0 micrograms per cubic meter of air, over a 15-minute sampling period.
- Requires employers to: use engineering and work practice controls (such as ventilation or enclosure) to limit worker exposure to beryllium; provide respirators when controls cannot adequately limit exposure; limit worker access to high-exposure areas; develop a written exposure control plan; and train workers on beryllium hazards.
- Requires employers to make available medical exams to monitor exposed workers and provides medical removal protection benefits to workers identified with a beryllium-related disease.

At this writing, OSHA has proposed a delay of the effective date from March 21 to May 20, to allow for further review in **keeping with guidance from the Trump Administration** issued on January 20. Comments on the review delay were to be accepted through March 13. Any proposed delay would not affect the compliance dates.

**The three sectors have one year from the original effective date (March 12, 2018) to comply with most of the requirements.** All sectors have two years (March 11, 2019) from the original effective date to provide any required change rooms and showers and three years (March 10, 2020) from the original effective date to implement engineering controls. This ruling affects those contractors that blast clean with abrasives containing beryllium.



## Compliance Guide for Silica Standard Issued.

OSHA has issued a Small Entity Compliance Guide for the Respirable Crystalline Silica Standard for Construction (<https://www.osha.gov/Publications/OSHA3902.pdf>). The silica rule, which went into effect in March 2016, reduces the permissible exposure limit for crystalline silica to 50 micrograms per cubic meter of air, averaged over an eight-hour shift. **The final rule also includes key provisions that require employers to:**

- Use engineering controls (such as water or ventilation) and work practices to limit worker exposure
- Provide respiratory protection when controls are not able to limit exposures to the permissible level
- Limit access to high-exposure areas
- Train workers
- Provide medical exams to highly exposed workers

**Two rules were issued:** one for the construction industry and one for general industry. Employers covered by the construction standard have until June 23, 2017, to comply with most requirements. This ruling will affect those contractors who blast clean concrete and those who blast clean steel with silica sand media.

**SSPC: The Society for Protective Coatings**

Setting the Standard for Coatings Projects Worldwide

[www.sspc.org](http://www.sspc.org)

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