



Crane Certification Association of America

CCAA The Future of Crane Safety

**The CCAA is going to
Salem, Oregon**

Join Us!

**CCAA 2019 Spring
Educational Conference
April 7-9, 2019**

**Our Host:
Morrow Equipment Company**

INSIDE

Letter from the President	2
Philadelphia Conference Review	3
Philadelphia Conference Sponsors	10
Sponsoring Future Events	12
CCAA Website	13
CCS Credentials Earned	15
New Conference Chair	16
Obituary	17
Board of Directors/Committees	18
Educational Conference Dates	19

THANKS TO OUR HOST



THANKS TO OUR HOST



**Welcome to the
CCAA
Educational
Conference**



Look what you missed in Philadelphia!



Letter from the President

By: John Davis
Davis Engineering

Dear Members and Friends,

It seems to me that CCAA is all about crane safety. This applies to owners, operators, ground personnel and the crane surveyors themselves. Safety is really the driving force behind the concept of risk management.

The CCAA Educational Conferences host experts in related fields as well as arranging plant tours and OEM training sessions. These programs emphasize practices which enhance operational safety as well as safety of the individual crane surveyor.

The avoidance of risk is a basic component of business operations and must be emphasized in all operations. This specifically applies to safety of cranes and associated equipment which is a major element of the CCAA Educational Conferences.

The 2019 Spring Educational Conference will provide a learning experience which will enhance the safety of crane surveyors and provide insight as crane inspection relates to tower cranes. The Conference will take place in Salem OR on April 7-9, 2019 where we will visit the Morrow Equipment Company tower crane facility. Save the date! Don't miss it!

CCAA is the place where crane surveyors learn to be the best that they can be!

John W. Davis, P.E.

President

Philadelphia Conference Review

Dennis O'Rourke

The CCAA Fall 2018 Educational conference was a success. New members I talked with were complimentary about the presentations and the field trips to I&I Slings, Messinger Bearing, and Stevenson Equipment.

The morning of Day One contained three presentations on inspection topics; the sequence, 1. Accident litigation after your certification, 2. Deficiencies an Inspector finds during the certification process, and 3. Things we Certify we can not see.

First, Ray Feidt outlined current crane litigation affecting the inspector and his company. He pointed out numerous things; one was that disclaimers in the cases he discussed, didn't help much. He points out that disclaimers are "unilateral" and not necessarily agreed to by clients. Another point was that crane activities are difficult to explain to "outsiders." Right or wrong is hard, if ever clearly determined!

Next, Matt Hottenstein took us on a Power Point journey of crane deficiencies discovered during inspections, some obvious, some not; all could have lead to disaster if not properly corrected. Matt emphasized a systematic inspection approach to ensure all the crane's components are examined.

Dennis O'Rourke's presentation centered around the afterthoughts of an inspection and the components "assumed" to be satisfactory based on outward appearance and operation only, their structure unverified. What is an inspector's liability? Dennis showed photos of boom base sections and an A-frame Back-hitch that were rusting from the inside out. Should the inspector have called for disassembly before certifying? His presentation included a photo of a sheared sheave axle shaft; should NDE testing been



performed before certification? And finally how do we address wire rope fatigue which might not be visible with an equipment owner having no record of how long the rope was in service. Should the rope's service life be determined before certification?

Monday's afternoon field trip was to two locations. First a trip to Stephenson Equipment's Philadelphia

facility where Ray Feidt demonstrated checking the turntable bearing clearance on a 35 ton RT. Then, a walk-a-round inspection was performed by CCAA members on several cranes located in the yard – very informative.

Later that afternoon we traveled to the Messinger Bearing's manufacturing plant. Messinger supervisors provided a complete walk-through of their facility describing daily operations. In the past, Messinger made bearing for cranes and still does for special applications only. Their business focus today is as a "heavy load" bearing manufacturer for tank turrets, radar screens, and naval applications.



John Davis, PE, President of CCAA (left) with Donald Barnhurst, Messinger Bearing Sales Engineer



Tuesday morning, Conference attendees visited I & I Slings at their Aston, PA facility. I & I Sling has provided training and Educational secessions at past CCAA conferences. When we scheduled this year's meeting in Philly, we asked if they would participate. I & I offered an invitation for a factory tour, a one-hour training secession and a new products review followed with lunch catered by I&I Slingmax– we responded to their invitation (with no hesitation), great!

Many CCAA members are long-time I & I Sling customers, having business relationships and first-hand product knowledge. However, few of the members ever visited the I & I plant. Review of resent rigging incidents and new products to be marketed were of interest to all.

The “Rigging Institute, LLC” presented a rigging awareness program in their well-equipped training room. The content of the presentation reviewed poor methods of attaching loads to cranes and hoists by employees of companies from diverse industries



John Davis, PE, President of CCAA (right) and Eric Perry, Training Director of the Training Institute

throughout the USA. The “CCAA students” (with years of experience) easily recognized what the rigging problems were. Discussions lead by an experienced and skilled instructor as to why rigging operations were performed so poorly developed into a worthwhile learning experience for all in attendance.

I & I Slings separated our members into groups of twelve for our tour. Based on previous technical groups of this type, our hosts felt they could easily respond to the numerous questions they knew would be coming their way. As good hosts, I & I Sling clearly wanted to respond to all of our questions. Our journey through the manufacturing activities at the plant was guided by various department supervisors (no photos allowed). Tours started at the Wire rope sling fabrication area. Here we witnessed slings fabricated with “flemish eye” splices. Also in this area, four-leg bridle slings with hook and using thimbles were spliced to form four-way bridles, tricky!

Next, we viewed the fabrication of the famed “SlingMax” Twin-Path fiber slings. We witnessed load testing of various types of slings to 150% of their capacity. As a special treat, we were shown a very damaged fiber sling and asked to predict it’s actual breaking strength. We all guessed, most were close. What was interesting, even in its damaged visual condition, was that it broke at twice its labeled capacity.

A new product for SlingMax is a synthetic sling with an Over-load indicator in the sling. Experimentation is under way and prototypes are being tested. We witnessed a test and the remote WiFi aided read-out. A strain gauge and computer chip is built onto each sling. In today's world we have Smartphones that inform you of messages and Smart-cars that inform you when you're out of your lane. Now we have Smart-Slings that inform you that your sling is being over-loaded by sending a message to your Smart device! There is a load sensor and Wi-Fi sending unit embedded in the sling that reads out on a laptop.... Wow, what next!



Dennis O'Rourke CSP, (left) Thanking Scott St. Germain President of I&I Slingmax for the visit.

After lunch and back at the Sheraton, afternoon sessions started. First, Bruce MacPherson provided a detailed look at all parts of a Weld Procedure Qualification (WPQ), a concern to all of us who certify cranes. When the inspector sees a structural repair and asks to see the repair procedure as part of his inspection to certify the crane – is he “verifying” the repair was done correctly? Harking back to what Ray Feidt was discussing in his presentation of the previous morning, what is the inspector's exposure, are we qualified? Do we have the crane owner state in writing that “he, the owner” has reviewed the work and it was performed properly per the required standards? Bruce says, “put the responsibility where it belongs, with the machine owner and his choice of repairer”.

Next, Donald O'Rourke lead the members in a group discussion what the various jurisdictions mean when they define what the maintenance inspection details. What components are involved and how deep the inspection is to be performed. A very lively discussion ensued – you might say “lively” is too mild a word! John Davis gave some wise closing remarks and reviewed the up-coming schedule of future events. If you missed it – you missed a good one!



Sunday Reception:
Sheraton
Philadelphia Airport Hotel

Classroom with
Eric Perry
Training Director of
the Rigging Institute



**"Crane Inspection
Types"**
Donald O'Rourke



Donald Barnhurst of
Messinger Bearing at
Stephenson Equipment
Philadelphia Facility

Turntable Bearing
Inspection

**“What we don’t see
that we Certify”**
Dennis O’Rourke



**“Inspection
Litigation”**
Ray Feidt



**"A detailed look at Weld
Procedure Qualification"**
Bruce MacPherson



**"Strange Deficiencies
and Trends"**
Matt Hottenstein



John Davis, PE
President CCAA

**THANK YOU
CCAA 2018 PHILADELPHIA EDUCATIONAL
CONFERENCE SPONSORS**

Sunday Welcome Reception Sponsor



Monday Morning Networking Breakfast Sponsor



Tuesday Morning Networking Breakfast Sponsor



THANK YOU FOR BEING A SPONSOR

**THANK YOU
CCAA 2018 PHILADELPHIA EDUCATIONAL
CONFERENCE SPONSORS**

Gold Sponsors



Silver Sponsor

AmCrane

American Crane Training, Inspection & Certification, Inc.

Bronze Sponsor

Delta Team Contracting Co.

General Sponsors

Davis Engineering, Co.



THANK YOU FOR BEING A SPONSOR

A Note from the Finance Committee:

Our Sponsors contributions are very important to the health of the CCAA. Sponsor's generous contributions help the Association provide better programs and help us continue with improvements to CCAA management an on-going process.

Our Website sponsorship is probably the cheapest Industry related Internet exposure your company can purchase. Please think about adding your company's logo to the revolving bar on the CCAA website www.cranecertification.org. The cost is only \$400.00 per year.

Sponsorship rates for up coming Conferences are as follows and can be paid by check or online by using the CCAA Website. Sponsorships can be paid at any time, along with your Membership Renewal or with a Conference Registration

Event Sponsoring Pricing	
Reception	\$2,500.00
Breakfast	\$750.00
Breaks	\$500.00
Lunch	\$1,500.00
Platinum	\$750.00
Gold	\$500.00
Silver	\$300.00
Bronze	\$200.00
Donation	Individual's Choice

If you have any questions regarding sponsorship please email admin@cranecertification.org or call 800-447-3402.

Thank you for your support in advance.

Bruce MacPherson
Treasurer

The CCAA Website - A Valuable Member Benefit

David Raraigh

If you just returned from the 2018 Fall Educational Conference in Philadelphia, PA and felt as though you were missing something – you are not alone. Did you leave it behind in the hotel room? Did I forget and leave it in the meeting room? How could we misplace that clunky, three-ring binder with nearly a ream of paper, full of valuable presentations and conference proceedings. Oh yea! There were no attendee books this time.

Thanks to the foresight of our President-John Davis we didn't need to carry that concrete block around the hotel, into the cab, through the airport and onto the plane only to bury them on a shelf at home. John suggested early on in conference planning that we eliminate the attendee books and get with the times by making the proceedings available electronically. This was an inspiring idea, especially coming from a wise octogenarian. Think of the time, cost and paper saved by eliminating the book that winds up collecting dust on a shelf. It is a sentiment I think we all considered at some point but didn't want to change.



Crane Certification
Association of America

Member Login



Home About CCAA Join Us Find an Expert Events Contact Us Store Resources

Industry Links
Newsletter
2018 Fall Conference

Welcome to the Crane Certification Association

The Future of Crane Safety

Subscribe

History of the CCAA

In 1984, the CCAA was founded by eight crane certifiers to establish standards for their industry. The objective was to build the knowledge of crane inspectors through training, testing and certification; and with free exchange of ideas between professionals, to gain competitive advantage and grow their companies. Through a recognized accreditation program, the CCAA helps provide a source of certified professional inspectors for crane owners/operators and clients for their membership

Well the CCAA is changing for the better. We now have a very powerful management software system and website designed to meet the demands of a growing association. Going forward, all of the conference proceedings can now be accessed on the website

along with technical articles, white papers, equipment bulletins and even newsletters dating back to 2003. Having access to the historical documents contained within the CCAA Technical Library is a valuable member benefit to existing and new members which is equivalent to a retroactive membership. A guide to the CCAA Technical Library can be located on the homepage under Resources > 2018 Fall Conference.

Donald O'Rourke presented a very informative tutorial of the CCAA Member Portal on Tuesday afternoon in Philadelphia. The billing system makes payment of annual membership dues so easy now. Registering for conferences, sponsoring and even registering for CCS is all managed online with acceptance of credit card payments.

The Find an Expert feature helps customers to search and locate an expert in a geographical location. The Member Information feature allows our CCAA members to add information to their profile (visible to those searching) describing all of the services they offer.

Member Menu



[Members](#)



[Events](#)



[Communication](#)



[Engagement](#)



[Resources](#)



[Multimedia](#)

The most exciting aspect of the member portal are the Message Boards. Here, we can talk shop and freely, discuss all aspects of the business among membership. Have a question? Who better to ask than a fellow expert in the field and member of the association. Members can post a reply to topics in discussion or start their own topic of discussion.

Attendee evaluation summaries from the most recent CCAA conferences in Tulsa and Philadelphia indicate that Inspection and Litigation issues are the preferred topics of discussion. Let's keep the discussion going online. The Message Boards can be located under the Communication icon in the Members Menu.

Please take some time to access the website: www.cranecertification.org If you have a question or require assistance in accessing or negotiating the website, send an e-mail to admin@cranecertification.org for assistance.

CCS Credentials Earned in Philadelphia

We are proud to announce the following members have earned the distinguished, CCAA Certified Crane Surveyor (CCS) credential by successfully passing their respective specialty exams at the CCAA Fall Educational Conference in Philadelphia, PA:



**Doc Bailey - Doc Bailey
Construction Equipment
Inc. -Kapolei, HI
CCS, Mobile Crane
CCS, Overhead Crane**



**Anthony Cabral - Heavy
Equipment Services
Company - Niantic, CT
CCS, Mobile Crane**

Please join us in congratulating Doc and Tony on a job well done. The CCS Program provides practicing Crane Surveyors with a means to demonstrate their knowledge of applicable regulations, standards and core elements of crane inspection and testing.

CCAA members who successfully pass the CCS competency exams for Mobile, Overhead or Tower Cranes, receive their CCS card and certificate, which gives them the distinction of having qualified for the CCS professional designation. The CCS designation provides creditability and additional assurances to customers that surveyors have been tested and are qualified to inspect and test their equipment.

The professional development of Certified Crane Surveyors is on-going through CCAA dissemination of inspection and certification subject matter, educational conferences, on-line resources, seminars, product training and plant tours. Surveyors holding the CCS credential shall remain CCAA members in good standing and satisfy program requirements for continuing education and professional development.

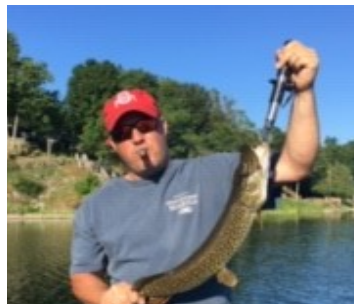
Testing is administered on location at bi-annual, CCAA Educational Conferences. The next conference is scheduled for the Spring of 2019, date and location to be announced soon. Candidates interested in the CCS Program should call the office or send an e-mail to: admin@cranecertification.org for more information or to request a CCS application.



Congratulations to Matt Hottenstein for becoming the new Chair of the Conference Planning Committee!

I started going out on inspections with my Grandfather, Clarence Hottenstein, when I was 15 years old when he had me operating bucket trucks and setting up the dielectric machine. I quickly fell in love with this business and all the challenges that came with it.

After graduating high school, I immediately starting training to become an inspector while attending college classes. I joined CCAA in 2009 and have found it to be an incredible group of like minded people. In 2015, I joined the N.C.C.C.O. Crane Inspector Management Committee in hopes of helping the future of the industry.



Congratulations to Mike Feminella for becoming the new Chair of the Membership Committee!

As a member of the International Union of Operating Engineers Local 15 in New York City, Michael began his career with Atlantic Detroit Diesel as a diesel mechanic and technician. Mike went on to operate heavy equipment in the New York City area for many years, which included the Ground Zero 2001 emergency response.

In March of 2007, Mike began work at the rebuilding of the World Trade Center. His work there included Tower One, Tower Three and Four and the Transportation hub. Mike is currently working for NYC Constructors LLC as Equipment Manager with Projects at One Vanderbilt, The Javits Expansion Project and 66 Hudson Yards in New York City.

In 2009 he joined CCAA and in 2013 was appointed to the Board. In 2018 Mike became the Chairman of the Membership committee.

Michael is a Mobile and Tower Crane Surveyor and is a twenty five year member of IUOE Operating Engineers. He is a thirty year member of The Croton Fire Department, achieving the Rank of Captain. Recently elected to Warden on the Fire Council.

Mike resides in New York with his wife and two children, and enjoys boating, fishing and snowmobiling.



In Memory of Jim Carter

Past President of the Crane Certification Association of America

Jim Carter passed away November 24 in Kennewick, Washington State. Jim was a CCAA past President and handed the gavel to Dennis O'Rourke when he could not continue his duties due to health issues. According to Dennis, Jim was a member of the 1st committee appointed to re-write the OSHA 29 CFR 1926.550 Standard. A 2nd committee took over responsibilities to finish the project which became OSHA 29 CFR 1926.1400. Jim Joined the CCAA in 1994 when he was a Stockholder of WHECO then based in Pasco, WA. As a WHECO representative, Jim was a founding member of the American Crane Boom Rebuilders Association (ACBRA, now closed) and was instrumental in developing the CCAA/ ACBRA connection. From 1988 to 2005 Jim was very active in developing the Crane Repair side of the WHECO business.

In 2005 Jim took ownership of a WHECO division which serviced major fleets. Jim had a memorable dry humor and wit which was evidenced when he renamed the fleet service company *Fat Boy Fleet Service*. If you remember Jim, he was a little round and he used this in his logo. Through Jim's efforts his company became a successful Fleet Service Company serving Pasco, Kennewick and Richland Washington and had been recently sold. Jim is survived by his wife Barbara. His hobbies were his jeep and grandkids.

Board of Directors

JOHN DAVIS

President
Director of Performance Standards
JOHN W DAVIS, P.E
Fresno, CA

BURT THORPE

1st Vice President
AMCRANE
Orlando, FL

TAD DUNVILLE

2nd Vice President
PINTSCH BUBENZER USA
New Orleans, LA

DAVID RARAIGH

Secretary
INTERGRATED EQUIPMENT
SERVICES
Pittsburgh, PA

BRUCE MACPHERSON

Treasurer
CERTIFIED BOOM REPAIR
SERVICE NE
Worcester, MA

DONALD O'ROURKE

Immediate Past President
NATIONAL CRANE SERVICES
Orlando, FL

ED SHAPIRO

HEAVY EQUIPMENT SERVICES CO.
Niantic, CT

MATT HOTTENSTEIN

ATLANTIC CRANE INSP. SERVICE
Philadelphia, PA

WILLIAM HOUGH

CRAWFORD CUSTOM CONSULTING
Meadville, PA

LANCE GYLDENEGE

LANCE CRANE REPAIR SERVICE
Puyallup, WA

MICHAEL FEMINELLA

NYC CONSTRUCTORS LLC.
Cordtland Manor, NY

KENNETH SHINN

KJ SHINN, INC.
Lake Como, NJ

Committees

Business Plan Committee

Chairperson: David Raraigh

By-Laws Committee

Chairperson: Donald O'Rourke

Conference Planning Committee

Chairperson: Matt Hottenstein

CCS Certification Committee

Chairperson: Ed Shapiro

Finance Committee

Chairperson: Bruce MacPherson

Insurance Committee

Chairperson: Lance Gyldenega

Marketing Committee

Chairperson: Jim Jota

Membership Committee

Chairperson: Mike Feminella

Performance Standard Committee

Chairperson: William Hough

Training Committee

Chairperson: William Hough

*Mark your
calendars
stay tuned
for more
information*

Next Educational Conference Information

**April 7-9, 2019
CCAA goes to Salem, OR**

**Our Host:
Morrow Equipment Company**



If you want to receive CCAA newsletters, please visit
www.cranecertification.org and click subscribe.

CCAA The Future of Crane Safety