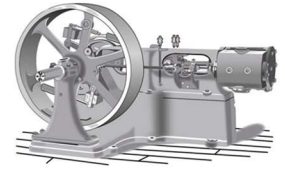


Minnesota Chief Engineers Guild **Update**

Established in 1943, the Minnesota Chief Engineers Guild (MNCEG) is an association for employees in Minnesota who are actively engaged in the planning, management, and maintenance of public facilities, grounds, equipment and systems.



Winter/Spring 2021

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This newsletter is published by the Minnesota Chief Engineers Guild.

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FEBRUARY QUARTERLY MEETING PIONEER HALL RENOVATION PRESENTATION

Construction

- New Exterior Wall System
- 3D Print Form Technology
- Dormers; Roofing
- Brian Morse takes a ride

Construction

- Utility Shaft Refurbishment
- 70 Foot Shaft Liner to Deep Tunnel
- Fed from Central Plant

Construction

- Existing 9 Ft. Floor to Floor; 7 Ft. Bottom of Beams
- Buried Main Duct Distribution at Ground Level
- Vertical Ventilation Duct Distribution to Upper Residents Rooms

Thank you to TKDA's Brian Morse and Brian Kelley for providing a virtual tour of the impressive renovation and expansion project at the U of M's Pioneer Hall. Forty-eight MNCEG members and associate members attended this education session on February 23, 2021. If you weren't able to attend, you can view the recording of the presentation – see page 5 for instructions.

A MESSAGE FROM THE PRESIDENT



Happy Spring Guild Members:

Well everyone, I was thinking about doing a little recap of 2020. I thought to myself, who wants to remember that miserable year!! Pass!

In all seriousness, many folks in the medical field are starting to think we may be over the hump with covid, finally!! I sure hope we are. I think everyone has had about enough of the masks, limited social gatherings, restaurant restrictions, etc. I have very high hopes this next year that we will all be able to come together again in some sort of forum whether it is a somewhat restricted golf tournament or maybe the Fall Conference, let's keep our fingers crossed.

The Guild has been doing many great things even considering the crazy last year we had. That is a true testimonial to the dedicated, hardworking people involved in this organization. We just recently had a virtual meeting presented by TKDA showing off the remodeled U of M Pioneer Hall. Wow, for a virtual presentation and not actually seeing it live, it was very interesting. I would encourage everyone to jump on these Zoom presentations and peek at what's going on. We have business partners that are doing really good work out there and supporting our great organization.

Another thing cooking for the MNCEG is we have been talking with a couple that is interested in taking over the Executive Director position for the Guild. I still have my own little personal protest going on that Doreen can't retire, but I don't think it's working. Once details are finalized, I am sure there will be some sort of formal introduction to the members, so stay tuned. The executive board met with these folks via Zoom, they are amazing, and we felt they will be a good fit for our organization.

In closing, please keep yourselves and your family safe in the coming months and let's hopefully see each other live in September of 2021 at Breezy Point.

Take Care

Al

SAVE THE DATE!

March 23, 2021: Virtual Presentation of 'The Case of the Rotting Roofs', presented by Mike Remington, Inspec and Amy Satterfield, IEA;
10:00 am

June 7, 2021: MNCEG Scholarship Golf Tournament, Oak Glen Golf Center

September 8-10, 2021: MNCEG Annual Conference & Trade Show, Breezy Point Conference Center






Dates and details about the June Quarterly Meeting and CPMM Training to be announced.



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SAVE THE DATE FOR THE 2021 ANNUAL CONFERENCE – SEPTEMBER 8-10, 2021

The MN Chief Engineers Guild's Education and Conference Committees are in the midst of planning for the 2021 Annual Conference scheduled for September 8 – 10, 2021. We are very hopeful that this year's Conference will be in person at Breezy Point Conference Center. Look for more information about the Annual Conference in the coming months.

CALL FOR PRESENTATIONS FOR THE 2021 ANNUAL CONFERENCE

Presentation submissions for the 2021 MN Chief Engineers Guild Annual Conference are now being accepted. The conference is scheduled for September 8-10, 2021 at Breezy Point Conference Center. Please submit your presentation proposal by **Wednesday, March 31, 2021**.

We are looking for session topics relating to the management, operation, maintenance, and engineering of public facilities. Some of the topics we are particularly interested in, based on feedback from our members, are:

- Building Code/Life Safety Topics – fire protection, sprinkler systems, etc.
- Carbon Neutrality by 2030, how do we get there?
- CMMS (Computerized Maintenance Management Systems) – Basics, Benefits, Programs
- HVAC controls and troubleshooting
- HVAC filters – types, MERV ratings, change intervals, pressure drop, COVID related recommendations
- Roof inspections and maintenance
- Solar Energy; advantages/disadvantages in a commercial setting

Presentations should be 45-50 minutes in length and be educational, not promotional. We will have technical / educational sessions beginning early afternoon on Wednesday, September 8 through Friday morning, September 10. If your presentation is selected, you may be scheduled for one or two sessions during the conference.

Please send all submissions to info@mnceg.org. Include the following in your submission:

- Presenter's Name, Organization, and Contact Information (email and phone)
- Presentation Title
- Presentation Summary (100 word max)
- Short Biography of the Presenter (50 word max)

Please take this opportunity to share your knowledge and expertise with fellow members at our 2021 Annual Conference. If you have any questions, please feel free to contact Jim Nieswaag, MNCEG Education Committee Chair, at jim.nieswaag@anokaramsey.edu or you can email info@mnceg.org. **Submissions must be received by March 31, 2021.**



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MNCEG QUARTERLY MEETINGS

January Quarterly Meeting - HVAC Challenges and Improving IAQ

Our January Quarterly Meeting, HVAC Challenges and Improving IAQ, was held on January 23, 2021 via Zoom and was a roundtable discussion featuring Joel Seela from Alexandria Technical and Community College, Chad Olson from the State Capitol Complex, Lori Bauer from Climate Makers, and moderated by Amy Satterfield from IEA, Inc. The panel provided their insights and experiences from their facilities related to improving indoor air quality with both existing and upgraded equipment.

We really appreciate the roundtable participants donating their time and expertise to help other members manage the various challenges with indoor air quality in general and in our current unique circumstances with COVID-19. If you have any questions or issues with your facilities' HVAC systems or indoor air quality issues don't hesitate to contact any of the people below:

	Joel Seela, Alexandria Tech & Community College joels@alextech.edu 320.762.4635	
	Chad Olson, State Capitol Complex chad.olson@state.mn.us 651.201.2317	
	Lonnie Danielson, MCF-Lino Lakes lonnie.danielson@state.mn.us 651.717.6120	Amy Satterfield, IEA Amy.Satterfield@ieasafety.com 763.229.0053 (cell)

March Quarterly Meeting – The Case of the Rotting Roofs

We hope you can join us on Tuesday, March 23rd at 10:00 am for a virtual presentation 'The Case of the Rotting Roofs' presented by Mike Remington of Inspec, and Amy Satterfield of IEA.

Building occupants smelled mold, an investigation found not only mold but rotting roof deck, damaged trusses, and other serious damage to the roof system. There were signs of excess moisture everywhere, but the roof didn't leak! Where was all this water coming from, what is causing these problems, and what could be done to fix them? Through this interesting real-world case study, you will learn some important lessons about moisture build-up, vapor drive, vapor/air barriers and other issues that affect and potentially damage every building.



IEA will present in compliment to Inspec's 'The Case of the Rotting Roofs' on the value of a strong technical team in providing litigation support, technical oversight, and clear communication. Roof challenges commonly begin as seemingly basic interior leaks. Involving the right technical aspects from the initial assessments can help to navigate the challenges can lead to an efficient project recovery.

WEBSITE KNOWLEDGE BASE

While we all would have preferred that our 2020 Annual Conference, and other events last year, had been in person, there is a small silver lining in everyone being forced to adapt during the COVID-10 pandemic. Because of restrictions for in person gatherings, our education sessions were presented via Zoom, allowing us to record the sessions and make them available to members afterwards. Education sessions provided through Zoom or other online platforms don't compare to live, in-person events, but they can enable more of our members to access the education and training we are providing which is a definite plus.

The MN Chief Engineers Guild website has a Knowledge Base for members which contains recordings of all the education sessions offered at the 2020 Online Conference, along with the three Quarterly Meetings held since last July. It also includes a number of PowerPoint presentations from the 2017 and 2018 Conferences and the 2017 State Capitol Tour.

To access the Knowledge Base on the MNCEG website, go to www.mnceg.org, select Member Login and enter your username and password, and the For Members Only section will appear on your screen. This section includes our Membership listing (both online and in excel spreadsheet format) and the Knowledge Base.



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PEOPLE 'KNOWLEDGE BASE'

The MN Chief Engineers Guild organization has a tremendous wealth of knowledge within its 400+ members, 80+ associate members, and 50 retired members. We are fortunate to have so many long-time members with many years of experience in their field, and a very professional and knowledgeable group of business partners in our associate membership, and all are very willing to share their knowledge and experience. So, if you have a situation or issue that you haven't dealt with before or aren't sure how to handle, don't hesitate to reach out to fellow MNCEG members as they will be happy to help!

WELCOME TO OUR NEWEST MEMBERS!

Glen Bergman, G & B Environmental, Inc.
Jamie Freiheit, G & B Environmental, Inc.
Matthew Gore, G & B Environmental, Inc.
Travis Hansen, G & B Environmental, Inc.
Jeff Rapacz, G & B Environmental, Inc.
Kip Boese, MCF – Faribault
Crystal Koranda, MCF – Faribault
Jacob Payne, MCF – Faribault
Hunter Rud, MCF – Faribault
Gerard Bennett, MCF - Rush City
Dave Kirchberg, MCF - Rush City
Erryn Magnusen, MCF - Rush City
Paul Sommerfeld, MCF - Rush City
John Lashinski, MCF - St. Cloud
Richard Laudenschlager, MCF - St. Cloud

Joshua Pelzer, MCF - St. Cloud
Travis Greene, MCF - Stillwater
Aaron Huntsman, MCF - Stillwater
Andrew Grinnell, MCF - Willow River/Moose Lake
Nancy Tindall, Metropolitan State University
James Lee, Minnesota Historical Society
Gabe Reiter, Minnesota Historical Society
Rod Weber, Minnesota Historical Society
Kathleen Donovan, MMC Metropolitan Mechanical Contractors
Matthew Gardner, MMC Metropolitan Mechanical Contractors
Peleg Masse, MMC Metropolitan Mechanical Contractors
Wylie Johannessen, Rochester Community & Technical College
Todd Weidler, Rochester Community & Technical College
Joshua Whalen, Rochester Community & Technical College
Scott Clark, Winona State University

VENDORS EXCHANGE

There are many different ways that you and your company can support the Minnesota Chief Engineers Guild! Consider doing an educational presentation, the Call for Presentations for the annual Fall Conference was recently sent out and the Guild is always interested in possible educational presentations for its Quarterly Meetings as well! Providing educational presentations is not only a great way to support the Guild by sharing your knowledge and expertise with the Guild and its members but can also be a great personal growth experience for you as well. Another way you can support the Guild is by getting involved in the annual MNCEG Scholarship Golf Tournament. This year's tournament is tentatively scheduled for June 7th at Oak Glen Golf Course, pencil it in on your calendar! There is a possibility that it will be delayed until September due to the ongoing Covid situation, we should know more on that soon. You can sponsor a hole or participate as a golfer or both! The money raised at the golf tournament goes directly to the MNCEG Scholarship Program. You can always just donate a prize or donate funds directly to the Scholarship Program. With the ongoing Covid pandemic this past year, we were not able to hold our normal Fall Conference or the Golf Tournament so donations are especially welcome right now! Thanks to all of the Associate Members and all of the support you have provided the MNCEG for decades, it is greatly appreciated and no doubt a great organization to continue to support!

Mike
*Mike Remington, Inspec
MNCEG Vendor Rep*



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2021 SCHOLARSHIP PROGRAM

Scholarships are awarded each year to children of members and associate members who are attending post-secondary educational institutions. Scholarships awards typically range from \$500 - \$1,000 depending on the number of applicants and how much we raised for the scholarship fund that year.

In the past 10 years, the MN Chief Engineers Guild has awarded 166 scholarship awards totaling \$109,300!

We appreciate the generosity of all our associate members and members in supporting the Scholarship Program, and thank the Scholarship Golf Committee and Conference Committee for their efforts with our fundraising events supporting the Scholarship Program – the Scholarship Golf Tournament, Dollars for Scholars Games4Grads Event, and the Silent Auction Fundraiser.

We will begin accepting Scholarship Applications in May of 2021. To be eligible, your child must be attending a post-secondary educational institution in the Fall of 2021, and you must be a current member or associate member in the MN Chief Engineers Guild for the July 2021-June 2022 term. Look for email announcements about this in early May.

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