

# MASMS CUSTODIAL, GROUNDS & MAINTENANCE DAYS

## EDUCATIONAL MEMBERS

You and your staff are invited to attend the 2023 MASMS Custodial/Grounds/Maintenance Days! A great way to thank your custodial, grounds & maintenance staff. Give yourself & your staff a day for learning new things and networking. A great investment in your staff!

Education | Networking | Vendor Showcase  
Door Prizes | Great Food | Fun

\$35 a Person | Includes Lunch, Prizes & Fun

See Page 12 for a full list of educational classes.



## BUSINESS MEMBERS

You are invited to participate in the 2023 Custodial/Grounds/Maintenance Days! 4 Great Opportunities to Spend Time with Custodial, Maintenance & Grounds Staff. The Vendor Showcase for exhibition of materials & products is an important part of each day!

**Metro Area | Eden Prairie High School**

*Offered 2 days, same program each day.*

Tuesday June 13, 2023 AND Wednesday June 14th, 2023

**North/Northeast Areas | Crosby-Ironton High School**

Tuesday June 20, 2023

**Southern Area | Red Wing High School**

Thursday June 22, 2023

**West/Northwest/North Areas | Alexandria High School**

Tuesday June 27, 2023

## REGISTRATION FORMS

### Educational Registration Form

You are welcome to attend any of the days that work for you, even if it's not in your chapter area! Your staff does not need to be MASMS Members to attend this event!

### Business Registration Form



### IN THIS ISSUE

CGM Days .....	1
Message from the Board .....	2
Nevis ISD Student Boiler Project .....	3
Vendor Corner .....	4
Health & Safety Updates .....	5
Membership Renewal Time! .....	6
April 2023 Meetings "That's a Wrap" .....	7
Boost Morale .....	8
Legislative Update .....	10
New Members .....	11
Educational Lineup for CGM Days .....	12
School Security: Windows & Doors .....	13
Boot Camp .....	15
Message Board .....	16

## Message from the Board



**Kain Smith**  
State VP

Happy May Everyone,

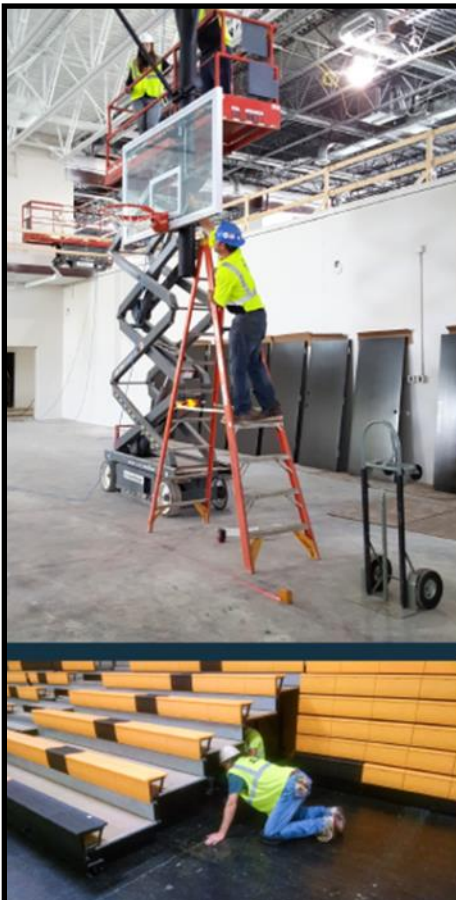
Let's hope the warm weather is here to stay for a while. After writing these articles for a couple years you get to the point where you run out of stuff to write about. Unless your name is Scott Kaminski, and you go on hunting trips every year and get enough writing material for a series of books.

I do look forward to Scott's hunting stories every year, they provide me with some good laughs and some life lessons. I'll give you an example of a life lesson I got from Scott's book this year. Work smarter not harder (shoot the deer that's right next to camp instead of the one that's miles away) makes sense to me! Scott passed on the deer close to camp and chose the deer miles away to prove that point. Thank you Scott for demonstrating that life lesson for us. I'm sure you had plenty of time to think about that as you were dragging the deer back to camp.

Anyways back to my article. I wrote an article a while back on this same subject and it's worth writing about it again. Without these people not only would MASMS suffer but all of us in this industry would suffer. I huge thank you to all the vendors out there that are working hard to help all of us out in whatever situations we find ourselves in. It's been a tough go for our vendors lately as we strive to get our chapter meeting school members attendance back to our pre covid levels.

It is extremely important that we all try to make an honest effort to attend chapter meetings to not only benefit from the knowledge shared but to also form working relationships with our vendors. I've said this before you never know when you might need what a vendor is offering. You don't need to buy to form a relationship with a vendor, you just need to give them 10 minutes of your time to listen to what they have to offer. We are all busy but none of us are that busy that we can't make the time a couple times a week to meet with new or our regular vendors. Good vendors are not just looking to make a sale they are looking to help out whenever needed. Thank you to all our vendors for sticking it out with us these past few years and for helping make MASMS the great resource it is for all of us.

Have a great spring everyone, Kain Smith



## ATHLETIC SERVICE & SUPPORT



When you partner with H2I Group, you get an experienced specialty subcontractor committed to building exceptional spaces from start to finish. That also means you get the highest quality maintenance support for your products and equipment. From your scoreboard to your floor surface, we deliver total equipment installation, maintenance, and repair, including upgrades and inspections for all athletic projects.

### PRODUCTS WE SERVICE

- BASKETBALL BACKSTOPS
- BLEACHERS
- GYM CONTROL SYSTEMS
- GYM DIVIDER CURTAINS
- SCOREBOARDS
- FLOORING REPAIR
- FLOORING SANDING, AND REFINISHING
- REPAINTING OF FLOOR GRAPHICS
- FLOORING SCREEN AND RECOAT
- SYNTHETIC FLOORING RESURFACING
- AND MORE!

**OFF SEASON SERVICE SPECIALS - CALL FOR DETAILS**

**BRANDEN SWARD**  
H2I Group Service Manager

612-581-0768  
bsward@h2igroup.com

[h2igroup.com](https://h2igroup.com)





## Nevis Public Schools High School Students have an Opportunity to take Boiler Training and Earn Their Special Engineers License

Last Summer I reached out to Howard Berny the Chief Boiler Inspector and inquired about an exemption in the boiler code that allowed individuals ages 16-18 to earn their Special Engineers license provided they took an approved course and were competent to hold the license.

He got back to me and said as long as the class was taught from the book titled: Safe Boiler Operations and Fundamental, Special Engineer's Guide for the State of MN, he would approve the course. Howard stated that if any of the juniors took the initiative to come in during the summer months to help me with tearing the boiler apart and participated in the boiler inspection and helped with boiler checks next winter, he would consider that a years experience. I could then fill out an affidavit for them to test for their 2nd class C license!

We currently have 11 students enrolled in the course, 5 seniors and 6 juniors. While teaching from the book, I have also been a big proponent of doing a lot of hands-on learning. Each day during the heating season I have the students do the boiler checks with me. I have them blow down the water column, sight glass and low water cutout. Additionally I have them take daily make-up water and fuel readings.

Something else I've incorporated is field trips to see other boiler plants. At Nevis we only have two small fire tube boilers so we've traveled to Cohasset and toured the Boswell energy plant and the Rapids Energy Center in Grand Rapids. We also have an operation tour of the Lambweston RDO plant in Park Rapids this week and a return trip on May 10th when they will have their boilers opened for inspection. Finally we have a trip scheduled to Marvin Windows in Warroad on May 3rd.

While a huge portion of the class is focused on boilers we've also had contractors from various trades come in and speak to our students. Some of the trades include plumbers, electricians, welding/fabricators, machinists, lineman, and an auto mechanic.

I feel thus far the course has been a huge success and I think I have the buy-in from administration to continue it going forward. The student receive full credit for the course.

Dustin Wroolie, Facility Manager  
Nevis ISD #308

**At the MASMS fall conference, October 5th-6th, 2023 there will be  
an informational session that will provide ideas and guidelines  
to help schools that would like to implement this program.  
Watch for conference registration in July!**

## Vendor Corner



*Mike Remington, Inspec  
MASMS Vendor Rep*

## Pay Attention to Your Business's Gauges



I attended a seminar over 20 years ago that focused on how to effectively run a successful business, and one of the tips that the instructor talked about still sticks with me today: He talked about how running a business is like flying an airplane and how most of the time you should be "flying around" and meeting customers and developing relationships and dealing with employees and all of that "normal" business stuff, but he said that at least once a month you need to look at all of the "gauges" in your airplane (business) and if those gauges all look good then you keep flying your plane around, BUT if even one of the various gauges don't look good then you need to land your plane and make your focus figuring out what the problem is and "fixing" it before you fly again.

Just like an airplane, most businesses have certain "gauges" such as profitability, sales growth, billable percentages, budgets, etc. Just like an airplane you need to keep an eye on these important gauges as they can tell you a problem has arrived, or better yet can often warn you ahead of time that a problem may be starting. If you had an airplane and the oil pressure gauge was showing problems, you wouldn't keep flying it but instead would make sure whatever problem is causing that low oil pressure gets fixed before you would feel safe taking it up in the air again. Businesses have similar gauges, and you should respect them just like you would in an airplane; don't ignore them or fail to monitor them.

I found it interesting that Silicon Valley Bank, the bank that recently failed and made national headlines, actually had a "gauge" that they reportedly ignored and that is what led to their crisis. Silicon Valley Bank had an established model (like a gauge) they had used for years that would help sound an alarm if rising interest rates and reduced deposits looked like they would result in a financial loss for the bank. When this internal model/gauge showed that higher interest rates could have a devastating effect on the bank's future earnings, instead of heeding the warning they instead changed certain parameters of the model until the model predicted rising interest rates would have minimal impact!

Over the past year interest rates have climbed nearly 5 percentage points and at the same time the tech industry struggled, which caused the bank's clients to withdraw more cash from their accounts. On March 8<sup>th</sup> the bank was forced to raise additional cash by selling some securities at a \$1.8 billion (yes, billion) loss which touched off a run on the bank and, fanned by social media, the bank's clients tried to withdraw a total of \$42 billion in one day! The next morning the bank collapsed, and federal regulators took control of the bank.

Learn from these stories – Keep an eye on the "gauges" that you have for your business and don't ignore them if they show a problem! Force yourself to "land the plane" until you figure out what the problem is and fix it!

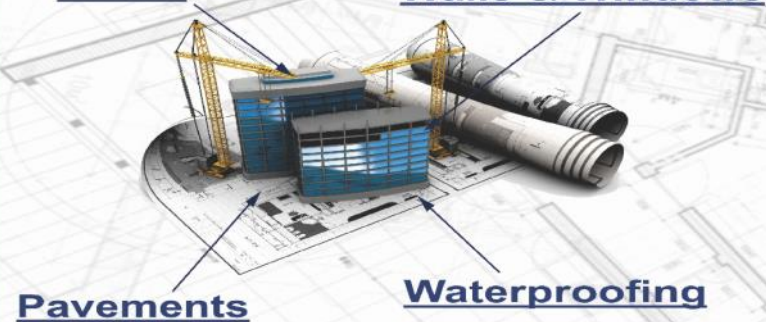


ENGINEERS AND ARCHITECTS  
CREATING EFFECTIVE  
BUILDING ENVELOPE  
SOLUTIONS

- Facility Condition Assessments
- Multi-Year Maintenance Budgets
- Plans and Specifications
- Construction Administration & Observation
- Leakage Investigations/Infrared Surveys

Roofs

Walls & Windows



Pavements

Waterproofing

**Inspec, Inc.**

Minneapolis • Chicago • Milwaukee  
minneapolisinfo@inspec.com • (763) 546-3434  
<http://www.inspec.com>



## HEALTH & SAFETY UPDATES

### Supporting your Chemical Hygiene Officer and Ensure Lab Safety

*Marc Bachman, Health & Safety Committee Chair*

Deputy State Fire Marshal Thomas Roessler joined our MASMS Health and Safety Tool Box Talk this month to share his thoughts on ensuring our Science classrooms and storage rooms are as safe as possible and to answer the questions of our MASMS members.

Highlights from our conversation included the following about Science classrooms/labs; make sure your emergency natural gas shut off is labeled and always accessible, use only metal trash cans to prevent smoldering of plastic if flames engulf the can and make sure all lanes of egress and exit doors are easily accessible.

In regard to Science storage areas there were several more areas to pay attention to. To ensure you are in compliance Tom recommended you and your Chemical Hygiene Officer pay close attention to the "School Science Lab Safety Checklist" which the CHO is required by State Statute to be completed annually. You can download the checklist from the State Fire Marshal School Inspections webpage which can be found here: <https://bit.ly/44pg1VR>

Some of the interesting points Marshal Roessler shared regarding science storage rooms included ensuring the storage room is kept lock at all times when unattended, aerosol compressed containers and butane should NOT be storage in flammable cabinets nor should anything that is considered an ignition source, flammable cabinets can be wooden if they meet UL 1275 standards and any room which stores hazardous materials must include a Yellow D fire extinguisher and an exhaust fan should be operating at all times.

It is and will always be a challenge to keep the folks who use our buildings informed on the importance of following safety protocols. By having the links to websites such as the State Fire Marshal's and checklists such as the Classroom Safety Checklist bookmarked on your phone or computer you can quickly produce support for the often unpopular protocols you are charged to manage. I encourage you to take time to create a means to have support materials easily accessible.

### Lead in Water update

A topic of discussion this spring has been the Legislature's discussions about reducing the allowable lead in water from 15 ppm to 5 ppm. The good news according to Sam Walseth is this legislation seems to have fallen to the wayside. A question that arose this spring was do the filters in the filtered bottle fillers we have been putting in our buildings reduce the amount of lead in the water coming out of the fountain? Thanks to research by Bill Schwartz of Forest Lake Public Schools we now know that the filters in our drinking fountains meet NSF/ANSI 53. Elkay filtered fountains are able to reduce the lead in water from 150 ppm to 15 ppm. Details are available here: [https://www.elkay.com/content/dam/elkay/extra/literature/bottle-filling-stations/f\\_4857\\_ezh2o\\_lead\\_whitepaper.pdf](https://www.elkay.com/content/dam/elkay/extra/literature/bottle-filling-stations/f_4857_ezh2o_lead_whitepaper.pdf)

If you are interested in joining our monthly H&S Tool Box Talk look for the email from Ruth around May 22nd or you can email me at [marc.woody.bachman@gmail.com](mailto:marc.woody.bachman@gmail.com) and I'll add you to the invite.

Have a Great May!

Marc Bachman, MASMS Health and Safety Committee Chair

### FREE Consulting Services to MASMS Members

Ron Bratlie, President of ABC Educational Services is offering to provide FREE consulting services to MASMS members regarding School District finance, budgeting, administrative policies and procedures, and new construction and renovation planning.

Ron has been a MASMS member for over 25 years and was State President in 2007. He has over 40 years of school district administrative experience and has received several local, state, and national awards for his involvement in planning and construction of energy efficient and environmentally friendly school buildings at Elk River. His contact information is [ronbratlie@gmail.com](mailto:ronbratlie@gmail.com) and 763-360-2539.



## Membership Renewal Time!

*MASMS Membership year runs from July 1st to June 30th each year.*

Just click below for membership forms, and then click on the form for your 2023-2024 MASMS Membership

[Membership Forms](#)

## MASMS is accepting articles for the MASMS Newsletters.

We ask that articles submitted be generic in nature – they can relate to products you provide, but not specific to brands. Any mention of specific companies or brands will be removed before use. Articles that pertain to specific issues in schools would be good.

If the article is used, you and your company will receive the by-line on the article. Articles should not be more than one page in length (if possible). Pictures are great. Please try not to submit PDF files, as they need to be converted, and that does not always work well!

Please contact the MASMS Office with questions!



PROFESSIONAL  
WIRELESS  
COMMUNICATIONS

Specialists in two-way radio communications.

You need reliable radios to efficiently manage your facilities. We can make that happen.

From new digital systems to maintaining existing equipment, PWC can help keep your staff communicating.

952-746-2500  
[www.pwcmn.com](http://www.pwcmn.com)



451 Cliff Road East, Suite 101  
Burnsville, MN 55337



## Attention Educational Members

It would be great if your chapter would like to hold a summer MASMS networking event.

Guidelines for MASMS Chapters that would like to plan a summer event:

Budget of up to \$1,500 per chapter.

- To be used for food, non-alcoholic beverages and event rental space.
- Request may be made to the State Executive Board for additional funding if needed due to the number of attendees.

Suggestions

- Have business member provide beverages of their choosing.
- Picnic type event.

The MASMS office will help plan the event. Just contact the office at [office@masms.org](mailto:office@masms.org) or (320) 685-4585.



STATE, LOCAL &  
COOPERATIVE  
PURCHASING  
OPTIONS

[www.mmcjd.com](http://www.mmcjd.com)



JOHN DEERE



MIDWEST  
MACHINERY CO





## April 2023 Special Chapter Meetings Five great sessions – all a success!



MODEL



INVOLVE



CONNECT





## Ways to Boost Employee Morale Continued from the April Newsletter

### Offer Employee Growth

Boost employee morale by giving your team a sense of purpose so they have a goal to work towards and something to look forward to. It doesn't have to be a job promotion. Instead, you can send them to a course or conference to improve their professional skills. Employees want to feel a sense of growth to be truly motivated.

### Run A Calm, Healthy & Organized Department

Sure, pushing yourself and your team to the limit sounds like the right thing to do and is inspiring, but it won't work in the long run. Your goal should be to reduce stress, maintain a healthy work-life balance, and to run a calm, healthy, and organized company.

### Train Managers

If managers are not the direct cause of the low morale, the responsibility to fix employee morale is. Be sure to train all your managers in emotional intelligence, communication, giving feedback and recognition, and different leadership styles.

Managers can directly impact engagement and morale, so investing time in training them is one of the most important strategies for fixing low morale.

Job satisfaction generally increases and self-esteem improves when employees better understand the workings of the department. Training can also enhance morale on the job and loyalty. Workers who believe they work for an organization offers excellent training opportunities are generally less likely to leave their positions within a year of training than employees with poor training opportunities.

*Continued on Page 9*



2909 South Broadway Rochester, MN 55904

Max Bahr: 507-319-3322 | mbahr@hillercarpet.com | hillercarpet.com/commercial

Dave Bahr: 507-254-6858 | dbahr@hillercarpet.com | hillercarpet.com/commercial

**SERVING MINNESOTA SINCE 1947**

*Minnesota Floor Covering State Contract Vendor  
Service Cooperative Flooring Vendor*



## Ways to Boost Employee Morale Continued from the April Newsletter

*Continued from Page 8*

### Organize Team Building Activities

What’s the importance of team building games? For starters, it leads problem-solving among team members, fosters meaningful and open communication among peers, leads to creativity and out-of-the-box thinking, enhances productivity, boosts employee morale and it helps to keep creative juices flowing! Make team building games enjoyable and educational at the same time, that’s a surefire way to lift employee morale for the time being. (This isn’t a long-term solution but it can do the job just the same). Organize a scavenger hunt or create an office trivia challenge to energize your employees.

### Let Go Of Workplace Bullies

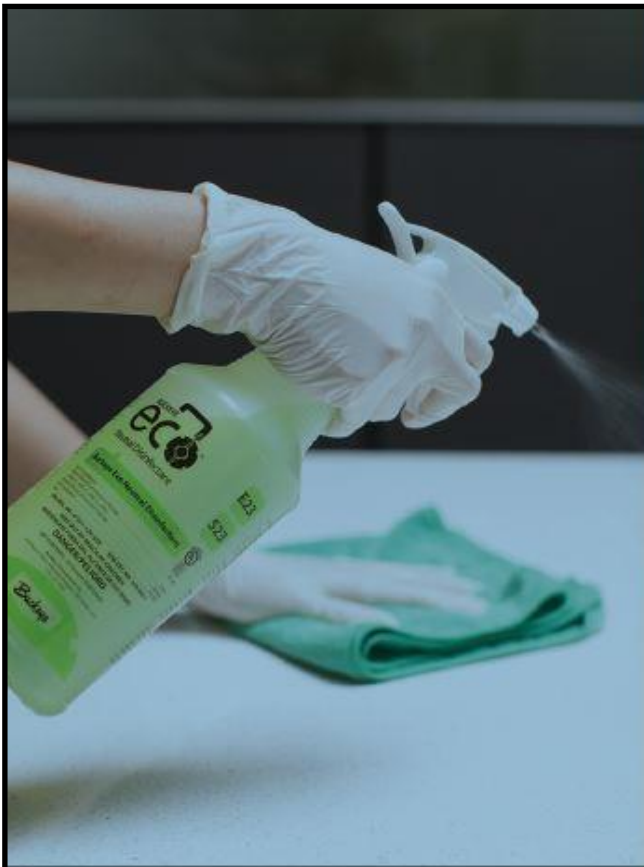
No one likes getting bullied, and this is especially true when it comes to the office or any workplace. A Forbes article mentions that “workplace bullying not only impacts one’s happiness but injures their health, productivity and self-confidence leaving victims feeling stuck and powerless”.

Workplace bullying definitely can and will impact your company’s morale. It’s important to make sure that all your employees understand that there is a zero tolerance policy for workplace bullying and to actually stand by these words to make sure no one feels they’re being treated unfairly in the workplace.

### Provide Amazing Employee Incentives

Now, this isn’t a long-term solution, but when morale is low, dishing out some fun employee incentives can do the trick. Give out some scratch-offs, add a 1/2 hour to the lunch break for ice cream, etc. It’s amazing what a few employee incentives can do.

OR, you can develop something that can help your employees evolve personally and professionally. Sign them up for a course that ties to their professional responsibilities. Studies have also found that the longer you stay at work, the more important it is to get talk with others in your same profession and learn and hear new ideas.



### Eco® Proportioning Program

Frequently clean and disinfect high touch objects, surfaces and areas using **EPA recognized emerging pathogen disinfectants**. Our Eco® Proportioning Program is fully integrated with effective, hermetically sealed products, including EPA emerging pathogen disinfectants, for any application.



Scan this QR code for  
Eco information



For more information, contact:  
Buckeye Cleaning Center – Minneapolis • 952.938.7222

# MASMS Legislative Update

Sam Walseth, MASMS Lobbyist (written 4.28.23)



The Minnesota Legislature is now in the final weeks of the budget session. Since returning to work from their traditional spring break they've spent three weeks ushering massive omnibus budget and policy bills into conference committees. Conference committees are the final step in the process to get budget agreements on the Governor's desk for his signature into law, and of course, the Governor has authority to veto entire bills or line-item veto appropriations from budget bills. However, with the DFL marching steadfastly together since day one it appears that session will end on time with agreement from the Governor to sign all the budget bills into law. The legislative session must end on May 22 and the new fiscal biennium begins on July 1.

## Education Conference Committee

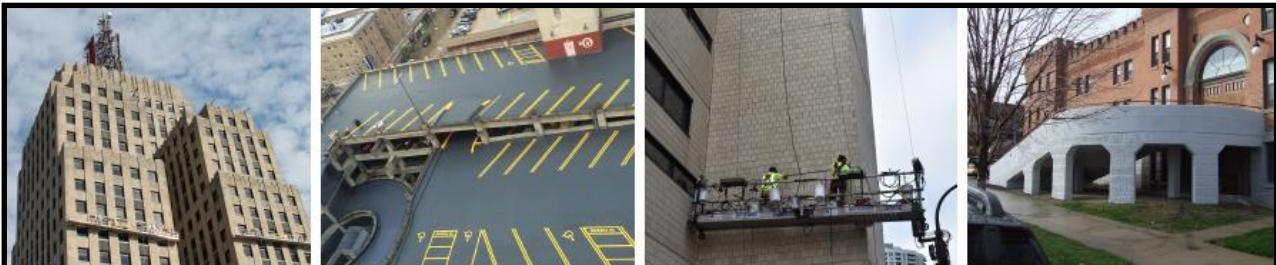
House Education Chair Cheryl Youakim (DFL Hopkins) wants the basic education formula allowance indexed to the CPI, within a range of 0-3%. So does Governor Walz who reiterated his strong position on this during his state of the state address. The Senate, historically as an institution, is resistant to indexing formula for automatic increases. This issue is the main friction point in the Education conference committee and it's possible that legislative leadership will have to intervene and make the decision on this piece of the education budget plan. Once a decision on the formula is made the rest of the education funding provisions start to fall in place. Schools will see a large infusion of special education funding flow into their budgets. The education conference committee will likely land on reimbursing schools for upwards of 50% of their cross-subsidies. In addition to special education spending, there's agreement between the DFL Trifecta to spend money on English Learner programs, Student Support Personnel aid, Grow Your Own programs to attract new teachers, Literacy training, more PreK slots and that Unemployment Insurance should be extended to school non-licensed staff.

## Unemployment Insurance (UI)

The DFL Trifecta is being asked to make Minnesota the first in the nation on extending UI benefits to non-certified staff. The plan going to the education conference committee would make this new benefit effective on May 28, 2023. School officials have raised concerns about this, noting the new law could significantly disrupt summer programming, some of which is mandated under special education laws. The cost of the UI mandate is also debated, but most concur it is significant, somewhere in the range of the same value as a new 1.5-2% on the basic formula allowance. It will be interesting to see where the legislature lands on the question of extending UI benefits.

## Facilities

As for Facilities, it's tough to see a scenario where additional LTFM funds are appropriated during the conference committee process. Education legislators are heavily focused on direct student support and hiring more support staff. The modest proposal for districts to levy for Cooperative Facilities is in both the House and Senate bill. The House bill would allow schools to build single-use, gender neutral bathrooms as part of their LTFM plans. Both bills would allow schools to use their Health & Safety levies for HVAC upgrades for newly acquired facilities, such as unused commercial space that can be renovated. Proposals to fund more 'solar on schools' and electric buses are still in the mix and we'll be tracking those throughout the conference committee process.



MIDWEST'S LEADING RESTORATION COMPANY



Minneapolis (612) 368-0463 | [www.restorationsystems.net](http://www.restorationsystems.net) | Milwaukee (720) 318-0372



Building Facade  
Restoration



Parking Deck  
Restoration



Waterproofing  
& Sealant



Traffic Coatings



## Welcome New Educational Members

Justin Haller, St. Mary's Church & School  
John Huber, Brooklyn Center Community Schools  
James Nelson, Nashwauk-Keewatin ISD  
Mike Van Hofwegen, Eastern Carver County Schools  
Gary Jungbauer, Eastern Carver County Schools  
Aaron Rose, Roseau Schools  
Kathy Panek, Goodridge ISD  
Joe Adamson, Austin ISD  
Darwin Doose, Buffalo Covenant Church  
Jerry Rosenthal, Breckenridge ISD  
Aaron Jones, Heritage Christian Academy

## Welcome New Business Members

Chris Shermach, Shermach Sales

# WELCOME



The Southern Chapter  
has a new  
Vice President!

Congratulations to  
Scott Stockdale  
Pine Island Public Schools

## Educational Lineup for CGM Days 2023 *(Please note that this schedule is subject to change.)*

**Metro Area | Eden Prairie High School | Tuesday June 13 or Wednesday June 14, 2023**

**You can select 3 of the sessions on the day you attend.**

1. Turf Maintenance - Cody Gustafson from Field Turf
2. Your Boiler Room, Howard Berny, Chief Boiler Inspector, State of Minnesota
3. Trash, Recycling and Composting - Importance and Strategies for Trash Reduction, Kira Berglund from Hennepin County
4. Basic Door and Hardware Maintenance - Nick Johnson from ASSA ABLOY
5. Floor Care - Hard surface, carpet, LVT - Paul Hahn, Hillyard
6. Smart Salting - Salt usage and education for ice control. Nine Mile Creek Watershed District & Friends
7. Autonomous Robotic Field Painting, Ethan Stratman, Turf Tank

**North Area | Crosby-Ironton High School | Tuesday June 20, 2023**

**You can select 3 of the sessions on the day you attend.**

1. Basic Door and Hardware Maintenance - Nick Johnson from ASSA ABLOY
2. Your Boiler Room, Howard Berny, Chief Boiler Inspector, State of Minnesota
3. Waste Disposal, Taylor Dickinson, Institute for Environmental Assessment, Inc.
4. Hands on procedures on coil cleaning, both condensers and evaporators. Filter changes, drain pan operation and cleaning. Ductwork infrastructure and damaged areas. System glycol operation and why. Exhaust fan maintenance and function. Lori Bauer Climate Makers
5. Cleaning Equipment Use and Care, John Dalman, Hillyard
6. Building Tour - SPECIAL TOUR of the recently remodeled CTE space! Recently the Crosby-Ironton School District completed a \$3.6 million dollar renovation of the Career and Technical Education (CTE) Wing of the high school. This wing will now house robotics, computer assisted design, coding, wood fabrication, metal fabrication and Ranger Made, which is a student-led, student ran, manufacturing company

# MIDWEST GROUNDCOVER

## EXPRESS BLOWER SERVICE

SAVE THOUSANDS ON YOUR NEW PLAYGROUNDS



NOW OFFERING BLOWN IN  
NATURES PLUS TAMARACK  
ENGINEERED WOOD FIBER

### BLOWN IN PLAYGROUND SURFACING EXPERTS

# SAVE 20% TO 50%

ON YOUR NEW PLAYGROUNDS SAFETY SURFACING COMPARED  
TO PLAYGROUND COMPANIES STATE CONTRACT PRICES!

MOST PLAYGROUND COMPANIES CHARGE \$40 TO \$60+ PER CUBIC YARD OF ENGINEERED WOOD FIBER.  
WE CAN SAVE YOU THOUSANDS OF DOLLARS ON YOUR NEW PLAYGROUNDS!

WE ALSO OFFER SITE EXCAVATION, INSTALLATION OF DRAINAGE ROCK/SAND, DRAIN TILE & FABRIC.

CONTACT US TODAY FOR MORE INFORMATION  
WE PROVIDE FREE ONSITE SAFETY SURFACING CONSULTING & ASSESSMENTS IN THE METRO AREA.

## CONTACT JUSTIN AT 763-274-9829

MIDWESTGROUNDCOVER@GMAIL.COM | WWW.MIDWESTGROUNDCOVER.NET

**Southern Area | Red Wing High School**

**Thursday June 22, 2023**

**You can select 3 of the sessions on the day you attend.**

1. Discussion of common violations followed by a walkthrough to show violations, Tom Roesler, MN Fire Marshal
2. Automatic field painting/general field care and Maintenance, Ben Boeding and Roger Weinbrenner, Minnesota Sodding Company
3. Fall in Line with Safety, OSHA's Top Ten, Angie Radel, IEA
4. Your Boiler Room, Nick Wall, Boiler Inspector, State of Minnesota
5. Basic Door and Hardware Maintenance, Nick Johnson, ASSA ABLOY
6. Tile & Grout Restoration (New Equipment), Chad Schoenfelder, Dalco
7. Equipment Maintenance & Care, Greg Gillett & Tim Theisse, Hillyard

**WEST AREA | Alexandria High School**

**Tuesday June 27, 2023**

**You can select 3 of the sessions on the day you attend.**

1. Cleaning Cost Analysis Program, John Dahlman, Hillyard
2. Building Tour, Alexandria Schools
3. Chiller Maintenance, Lori Bauer from Climate Makers
4. Basic Door and Hardware Maintenance, Nick Johnson from ASSA ABLOY
5. Your Boiler Room, Howard Berny, Chief Boiler Inspector, State of Minnesota
6. "Frequently cited Mock OSHA items, what to look for and when to report them" Rick Brynidson, LCSC



## School Security: Windows and Doors Respond First

*Reprinted from a National Glass Association Publication*

*Article Submitted by Lori Dorn, Brin Glass*

### The request:

- Support H.R. 887: Securing Our Students Act, allocating additional funds to schools for bullet-resistant doors and windows.
- Endorse the use of H.R. 887 funds for security windows and doors for high-risk areas in schools that meet, at a minimum, the new ASTM standard on active shooter attack.

### The issue:

From 1970 to 2022, there were:

- 1634 incidents of school shooting, defined as shots fired on school property.
- 194 active shooter incidents, defined as the shooter killing and/or wounding victims, either targeted or random, during a continuous episode of violence on K-12 school property.
- 786 deaths and 2224 injuries from these incidents.

Active Shooter Events in schools are becoming more frequent. In 2020 and 2021, there were 190 active shooter events in schools despite many schools holding fewer in- person school days during the pandemic.

The average length of active shooter events is 8 minutes; the shortest time is 90 seconds. Response times for first responders average 3 minutes, so some active shooter events are over even before first responders arrive. Common locations for active shooters to begin the attack are entrance/exit areas and cafeterias. There are no building codes or mandates for school security. In comparison, every building is subject to fire codes because of (relatively smaller numbers of) historic deaths in building fires. Since the adoption and enforcement of the fire codes, the number of deaths from fires has dramatically decreased.

### The Strategy

In active shooter events, windows and doors can be the first line of defense, slowing down an attacker when installed as security glazing resistant to forced entry, allowing more time for schools to enact emergency plans and for first responders to arrive.

### ASTM F3561 Standard Test Method for Forced-Entry- Resistance of Systems after

**Simulated Active Shooter Attack** serves as the minimum industry-accepted standard for security windows and doors for schools.

*Continued on Page 15*

Looking to Modernize Your  
Campus Security?  
Request a Meeting With Our Team Today.



 **Pro-Tec Design**  
TRUSTED SECURITY SOLUTIONS™  
100% EMPLOYEE OWNED

[pro-tecdesign.com](https://pro-tecdesign.com)

763-553-1477

- Intrusion Detection
- Video Surveillance
- Access Control
- Visitor Management
- Vape Detection
- 24/7 Support

## School Security: Windows and Doors Respond First

*Continued from Page 14*

High risk areas of school buildings include entrance lobbies, corridor classroom windows and cafeterias.

Window and door solutions - Glass can be part of the school's security plan as the "first element of surprise."

- Glass in a security window or door looks like a typical window but can slow down or deter an active shooter's entry into the building.
- Windows and doors can be a first line of defense and allow for line of sight, allowing school personnel and first responders to see impending danger.
- Security windows and doors can assist in creating secure spaces in classrooms and throughout the building.
- Translucent glass can provide privacy and allow light to enter while selectively blocking line of sight of attackers.
- Windows and doors can be designed for forced entry resistance, bullet-resistance, or both.
- Retrofit options are readily available to replace existing windows and doors.
- Security windows and doors can create a secure environment for teachers and students without imposing visible barriers.
- Security windows and doors provide passive protection, even during power outages.

Students in classrooms with natural daylight score 7-30% higher in math and reading and have lower rates of absenteeism.

### School Security Windows and Doors Specifications

When deciding what level of protection to specify, consider these factors:

- Direct line of sight to students and faculty
- Location and movement of occupants during an active shooter event
- Distance and time for first responders

FEMA publication *Primer to Design Safe School Projects in Case of Terrorist Attacks and School Shootings* includes the following considerations in Appendix F:

- Use extensive glazing at main entrance to enhance visual surveillance to parking lots and pedestrian routes.
- Install openings or windows in solid walls to make areas adjacent to the school without line of sight visible from the interior.
- Consider using burglary- and ballistic- resistant glazing in high-risk school areas.
- Consider using steel window frames securely fastened or cement grouted to the surrounding structure.

### Additional Resources at [glass.org](http://glass.org)

- NGA Glass Technical Paper FB71-21 School Security Glazing
- NGA Glass Technical Paper FB16-07 Bullet Resistant Glazing
- NGA Glass Technical Paper FB43-14 (2020) Security Glazing
- NGA/PGCI Protective Glazing Manual
- NGA Laminated Glazing Reference Manual
- Glass Magazine Glass & Metals 401: Guide to Protective Glazing



### Are heating and fuel costs eating up your Schools budget?

We at Ryan Company specialize in providing the latest boiler and heating system technologies that help bring down energy costs (up to 50%) and save you money!

Contact us today!  
Phone #: 952-915-6475  
Email: [matt@ryancompanyinc.com](mailto:matt@ryancompanyinc.com)




- New system installations
- Retrofits for existing systems & equipment
  - Steam to hot water conversion
  - Centerpoint and Xcel rebates available
- Stock Boilers/regulators/ water heaters available for Same day shipping

Equipment we carry:

- Camus
- Fulton
- Hurst
- Intellihot Water Heaters
- Lockwood Products
- Oilon Burners
- Aurora/ Pentair Pumps
- Reco USA
- Security
- Siemens
- Skidmore




[www.ryancompanyinc.com](http://www.ryancompanyinc.com)



Our technicians are manufacturer trained and certified for Inspections, Service & Repairs on:

- Operable Partition Walls
- Fire Doors
- Smoke Draft Curtains



For help keeping your building safe and code compliant contact W.L. Hall:

Brian Haugdahl: [Bjh@wlhall.com](mailto:Bjh@wlhall.com) 612.423.1662

Mac Reiss: [mreiss@wlhall.com](mailto:mreiss@wlhall.com) 218.341.3150



## BOOT CAMP | July 2023 | 10 Spots Left!

### Boot Camp Information

The MASMS Boot Camp is specifically designed to provide training for facility professionals. It is of great value for newly employed facilities managers or seasoned veterans.

**Dates & Time:** Wednesday July 19th & Thursday July 20th, 2023  
8:00 AM to 4:00 PM with dinner at 6:00 PM on Wednesday evening.

**Location** Holiday Inn, St. Cloud, MN

**Cost** MASMS covers the cost of this training. This includes cost of class, hotel rooms, and meals.

### The following Topics will be Covered

Standards	Best Practices	Equipment Needs	Budgets	Management Tools
Inspections	Checklists	Staff Management	Training	

**Course Description** This course will provide practical experience and proven techniques to help improve skills in the facilities management field. We will describe today's best maintenance practices and show how other schools have developed high performance facility departments.

### Instructors

This course is taught by seasoned experienced facility staff from public schools. Dan Kretsinger (Richfield ISD), Kain Smith (Faribault Schools), Chris Pint (Rosemount-Apple Valley-Eagan ISD#196) and Laura Masley (Elk River Schools), that have over 50 years of combined experience!

**To Register please** contact Ruth at the MASMS office. (office @ [masms.org](https://www.masms.org) or 320-685-4585)



- ADA & Code Signs
- Wall Graphics
- Dimensional Letters
- Monument Signs
- Building Signs
- Specialty Signs



PLEASE CONTACT KATHY JOHNSON: 763.450.9951 | [KJOHNSON@SSGIX.COM](mailto:KJOHNSON@SSGIX.COM) | [SSGIX.COM](https://www.ssgix.com)  
7624 BOONE AVENUE NORTH | SUITE #100 | BROOKLYN PARK, MINNESOTA 55428



**YOUR ONE STOP SHOP FOR  
PLAYGROUND MAINTENANCE**

ORDER ONLINE NOW  
[WWW.SAFETYFIRSTPLAYGROUND.COM](https://www.safetyfirstplayground.com) | 320.408.8118

 **Nature'sPlus**  
PLAYGROUND SAFETY SURFACING

 **SafetyFirst**  
PLAYGROUND MAINTENANCE



**FOURMATION SALES**  
PLUMBING, HEATING AND MECHANICAL INDUSTRIES



**CONTACT ME**  
Jay Baars, Outside Sales



**XVERS POWERED BY KÖR™**

1 MMBTUH - 4 MMBTUH  
94.5-95.7% Efficiency

More Heat, Less Space  
Touchscreen Display  
Ultrasonic Flow Meter

Raymote Wifi Monitoring on Board  
Fits Through Standard 36" Doorway



climate of innovation

**VITOCROSSAL 200 CI2**

399 MBH - 2000 MBH  
Up to 98% Efficiency

Touchscreen Display  
Ultrasonic Flow Meter  
Wifi Remote Monitoring  
Fits Through Standard 36" Doorway  
Lambda Pro Self Calibrating  
Combustion With O2 Trim Standard



SITE VISITS | DESIGN ASSISTANCE | TROUBLESHOOTING | PROBLEM SOLVING | SALES & SUPPORT | TECHNICAL TRAINING

**orders@fourmationsales.com**

**CALL US (763) 420-6900**

**ONLINE fourmationsales.com**

Serving Minnesota, North Dakota, South Dakota, Upper Michigan, and Wisconsin



## MASMS EXECUTIVE BOARD

**PRESIDENT** | SETH PUTZ, LAKE OF THE WOODS ISD  
**PRESIDENT ELECT** | SCOTT KAMINSKI, MANKATO ISD  
**VICE PRESIDENT** | KAIN SMITH, FARIBAULT SCHOOLS  
**PAST PRESIDENT** | CHRIS WIRZ, ST. FRANCIS ISD  
**SECRETARY** | SCOTT HROUDA, ST. PAUL ISD  
**TREASURER** | KEVIN HILDEBRANDT, ISG  
**VENDOR DIRECTOR** | MIKE REMINGTON, INSPEC  
**NORTHERN DIRECTOR** | MEGHAN PEHRSON, GRAND RAPIDS ISD  
**SOUTHERN DIRECTOR** | KEVIN JOHNSON, RETIRED  
**METRO DIRECTOR** | CHRIS WIRZ, ST. FRANCIS ISD  
**NW DIRECTOR** | SETH PUTZ, LAKE OF THE WOODS  
**WEST DIRECTOR** | WADE NIBBE, ALEXANDRIA SCHOOLS  
**EXECUTIVE ADMINISTRATOR** | RUTH KRAEMER, MASMS OFFICE

If you know of any training that would be beneficial to our members, please contact the MASMS office. We will publish the information!

## JOB POSTINGS

Go to [www.masms.org](http://www.masms.org) and select the QUICKLINK labeled Job Postings Jobs are posted daily for positions throughout the state.

## MASMS Calendar

May 9, 2023  
June 13 - 14, 2023  
June 20, 2023  
June 22, 2023  
June 27, 2023  
July 19-20, 2023  
October 4, 2023  
October 5, 2023  
October 6, 2023

MASMS STATE MEETING—Airport Tour  
Metro Custodial/Grounds/Maintenance Days  
NO/NW/West Custodial Grounds/Maintenance Days  
Southern Custodial/Grounds Maintenance Days  
2nd NO/NW/West Custodial Grounds/Maintenance Days  
Boot Camp  
MASMS GOLF EVENT CONFERENCE  
MASMS CONFERENCE/TRADE SHOW  
MASMS CONFERENCE

## LOOKING FOR JOB DESCRIPTIONS & INTERVIEW QUESTIONS? LOOK NO MORE !

Go to [www.masms.org](http://www.masms.org), Select "Resources"

Under "Quicklinks"

Select "Job Descriptions & Interview Questions"

We are always looking for more job descriptions and interview questions. If you would like to share, please contact the MASMS office!

Find out all the answers to questions you see MASMS members post.

Go to [www.masms.org](http://www.masms.org)

And select the QUICKLINK labeled Questions and Answers From MASMS Members