



By SCHU MARKETING

# CEU COURSE CATALOG

A Catalogue of our Virtual and In-Person Classes



Schu University Course Index			Course Availability by State						Credits Available					Course Type		
Course	Manufacturer	Page #	MN	ND	SD	IA	NE	WI	AIA	IDCEC	HSW	ASPE	NKBA	Virtual	In Person	Online Self-Paced
A Clean Slate: Hygienic Public Restroom Design with Well v2	Zurn Elkay Water Solutions	1	●	●	●	●	●		●		●	●		●	●	
A Planning Guide for Accessible Restrooms	Bobrick Washroom Equipment	28	●	●	●	●	●	●	●	●	●			●	●	
Accessibility for All: How the ADA Requirements for Drinking Fountains and Sinks Enhance Kitchen and Bath Design	Zurn Elkay Water Solutions	2	●	●	●	●	●		●	●	●	●	●	●	●	
Achieving Control and Peace of Mind with Connected Plumbing	Zurn Elkay Water Solutions	3	●	●	●	●	●		●		●	●		●	●	
Achieving Fire Suppression and Safety with Standpipe Systems	Zurn Elkay Water Solutions	4	●	●	●	●	●		●		●	●		●	●	●
Achieving Optimal Drainage and Safety with the Newest Plumbing Innovations	Zurn Elkay Water Solutions	5	●	●	●	●	●		●		●	●		●	●	
Achieving Optimal Water Pressure & Safety with the Newest Plumbing Innovations	Zurn Elkay Water Solutions	6	●	●	●	●	●		●		●	●		●	●	
Achieving Precision Irrigation with Water Control and Safety Innovations	Zurn Elkay Water Solutions	7	●	●	●	●	●		●		●	●		●	●	●
Achieving Safe and Reliable Water Distribution with PEX tubing	Zurn Elkay Water Solutions	8	●	●	●				●		●	●		●	●	
Achieving Sanitation and Safety with the Latest Plumbing Innovations	Zurn Elkay Water Solutions	9	●	●	●	●	●		●		●	●		●	●	
Achieving Style and Substance with the Newest Plumbing Innovations	Zurn Elkay Water Solutions	10	●	●	●	●	●		●		●	●		●	●	
Barrier Free and Design: Understanding Accessibility in a Locker Room	Spectrum Lockers	33	●	●	●	●	●	●	●					●	●	
Best Practices and Code Considerations for Specifying Fire Rated Floor Doors	Bilco	24	●	●	●		●		●		●					●
Beyond ADA: Multigenerational Public Restroom Design	Bobrick Washroom Equipment	29	●	●	●	●	●	●	●	●	●			●	●	
Design Solutions for Restroom Privacy	Bobrick Washroom Equipment	30	●	●	●	●	●	●	●	●	●			●	●	
Designing Roofs for Life Safety and Sound Isolation	Bilco	25	●	●	●		●		●	●	●			●	●	●
Fighting Fires and Saving Lives in Large, Single Story, Undivided Buildings	Bilco	26	●	●	●		●		●	●	●					●
Healthier Hydration for the Home: Filtration Solutions for the Kitchen and Beyond	Zurn Elkay Water Solutions	11	●	●	●	●	●		●	●	●	●	●	●	●	●
Healthy Hydration Design Elements in Hospitals	Zurn Elkay Water Solutions	12	●	●	●	●	●		●					●	●	
How Hospitals Can Balance Sustainability Goals with Water Safety	Zurn Elkay Water Solutions	13	●	●	●	●	●		●		●			●	●	
Hygienic Public Restroom Design with Well v2	Zurn Elkay Water Solutions	14	●	●	●	●	●		●		●	●				●
Improving Patient Health Through Flushing Best Practices	Zurn Elkay Water Solutions	15	●	●	●	●	●		●		●	●		●	●	●
Lead Lowdown: Exploring the Dangers of Lead	Zurn Elkay Water Solutions	16	●	●	●	●	●		●		●	●	●	●	●	
Look Smart! Smart Connected Plumbing Fixtures for Commercial Restrooms	Zurn Elkay Water Solutions	17	●	●	●	●	●		●		●			●	●	
Power of Product Transparency & Sustainability	Zurn Elkay Water Solutions	18	●	●	●	●	●		●	●	●	●	●	●	●	●
Reimagining Restrooms for Human Health & Wellness	Bobrick Washroom Equipment	31	●	●	●	●	●	●	●	●	●			●	●	
Roof Hatch Railing Systems 101	Bilco	27	●	●	●		●		0.25		0.25			●	●	
Safety by Design - Protecting Employees through the Design of ANSI/OSHA-Compliant Emergency Technology	Guardian Equipment	34	●	●	●			●	●		●			●	●	
Safety First! Specifying Emergency Showers and Eyewashes	Guardian Equipment	35	●	●	●			●				●		●	●	
Specifying Code Compliant Partitions	Bobrick Washroom Equipment	32	●	●	●	●	●	●	●	●	●			●	●	
Sustainable, Stylish, and Strong: Stainless Steel Sinks Have it All	Zurn Elkay Water Solutions	19	●	●	●	●	●		●				●	●	●	
The Art of Water: Solving Water Delivery Challenges with Bottle Filling Stations	Zurn Elkay Water Solutions	20	●	●	●	●	●		●		●	●	●	●	●	
The Kitchen Sink and Beyond: Design Considerations for the Heart of Home	Zurn Elkay Water Solutions	21	●	●	●	●	●		●	●			●	●	●	
Trench Drain Systems: Fundamentals, Aesthetics, and Sustainability	Zurn Elkay Water Solutions	22	●	●	●	●	●		●		●	●		●	●	●
Why Hands Free Products are Key	Zurn Elkay Water Solutions	23	●	●	●	●	●		●	●	●	●	●	●	●	

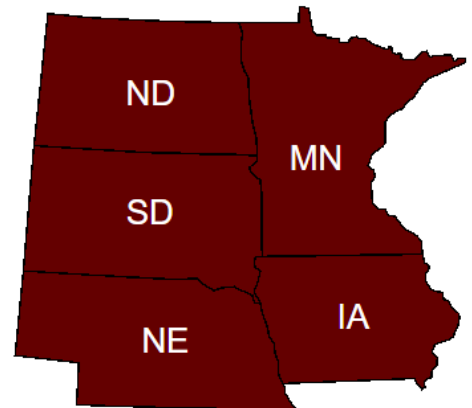


## A Clean Slate Hygienic Public Restroom Design with WELL

Now more than ever, public restrooms must be clean and comfortable for all users. However, exactly what that looks like has been up for debate.

Join us in this one-hour course as we make the case for multi-stall public restrooms that address users' concerns of privacy and hygiene through partitions, fixtures, hand dryers, and beyond.

Participants will learn how to design new and existing restrooms that help projects fulfill WELL Building Standard v.2 requirements by promoting public health and safety.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

# ELKAY®



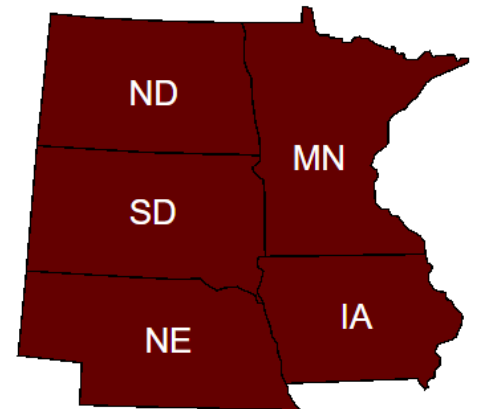
## Accessibility for All: How the ADA Requirements for Drinking Fountains and Sinks Enhance Kitchen and Bath Design

Because deciphering the Americans with Disabilities Act can be complicated, this course takes an in-depth look at the ADA.

You will learn and understand the finer points of what the ADA is, what it means, and the history and purpose of the act.

Focusing on the "Public Accommodations" title of the act, the course will explore how the ADA affects the plumbing industry and products.

The course will take a deeper look at rules and requirements for drinking fountains and sinks and move into ADA-approved plumbing solutions for long-term care facilities and homes for the aging-in-place community.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH  
1 NKBA CEU



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

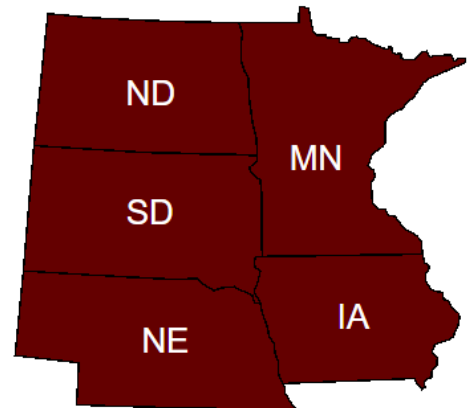


## Achieving Control and Peace of Mind with Connected Plumbing

The Internet of Things (IoT) connects buildings by providing real-time data for action and evaluative purposes. Plumbing products can be part of the connected building to reduce maintenance and costs, help conserve water, and provide extra health and safety benefits not achievable with nonconnected plumbing products.

This course reviews some examples of the data that can be collected from commercial plumbing products to deliver critical information to building managers and owners.

It also describes how these products create cost and time savings, enhance health, safety, and compliance, and contribute to overall occupant satisfaction and wellness.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



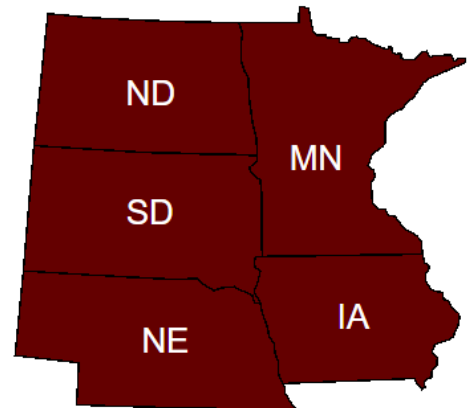
[www.schumarketing.com](http://www.schumarketing.com)





## Achieving Fire Suppression and Safety with Standpipe Systems

It is imperative to have a dependable, well-designed fire protection system that helps save lives and property. This course is designed to advance awareness and understanding about the wide range of components, functionality, and benefits of today's most innovative standpipe fire systems and how to select the optimal system for your design based on building type, codes, and other requirements.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual  
Online Self Paced through AEC Daily



CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



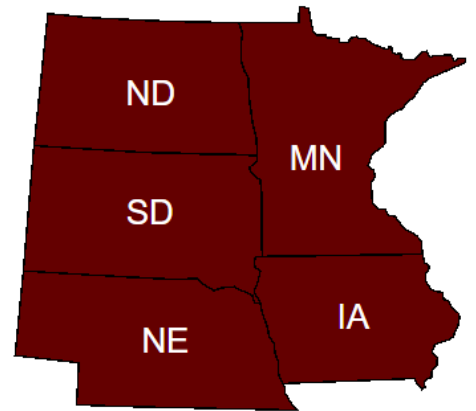
[www.schumarketing.com](http://www.schumarketing.com)



## Achieving Optimal Drainage & Safety with the Newest Plumbing Innovations

Although drains may not be a primary thought when specifying plumbing, valuing the importance of proper drainage is essential to a building's overall safety and longevity. With proper drainage in place, both internally and externally - human and vehicular traffic surfaces are intrinsically safer and more sanitary; the building and its grounds require fewer repairs and less maintenance and downtime; and possible moisture buildup and mold is avoided.

This course presents plumbing innovations that ensure proper drainage so that building owners and patrons can focus their thoughts on other business matters.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

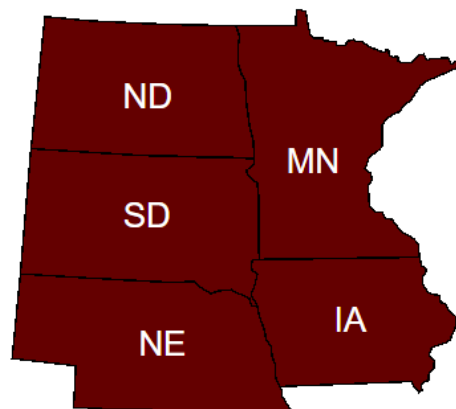


## Achieving Optimal Water Pressure & Safety with the Newest Plumbing Innovations

Knowing your building's ideal water pressure and how to achieve that pressure is essential to your overall plumbing effectiveness and safety, patrons' health and safety, and your water conservation efforts.

Determining ideal water pressure is not straightforward and many factors should be considered including building use, physical characteristics, codes, and plumbing components.

Many of today's innovative plumbing products can contribute to water conservation and cost savings but it's also essential that specific water pressure levels are provided for optimal operation.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

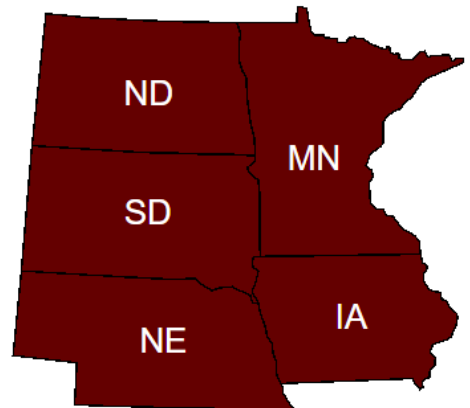




## Achieving Precision Irrigation with Water Control and Safety Innovations

Ensure your turf, plants, and trees are getting the appropriate water—in the right quantity, with the proper safety, at the highest efficiency—to reflect your unique landscape environment.

This course addresses the most important factors to be considered to achieve optimal performance. At the “root” of an effective irrigation system is proper water volume, pressure, and safety.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual  
Online Self Paced through AEC Daily



CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



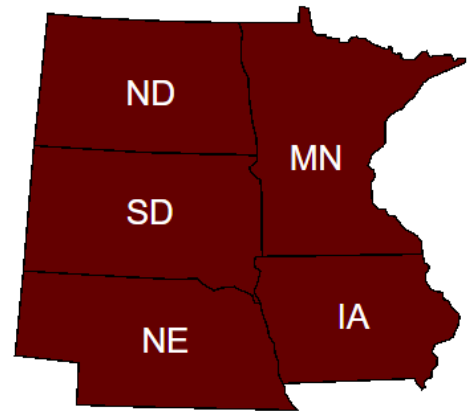
[www.schumarketing.com](http://www.schumarketing.com)



## Achieving Safe and Reliable Water Distribution with PEX Tubing

This course gathers and consolidates research data from various sources to define the pros and cons of tubing/piping materials used in today's building water distribution networks. Making educated decisions about water distribution can save time, money, and headaches down the road.

This course considers factors including water safety, energy efficiency, overall system durability and longevity, specification, installation, and of course, overall cost.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



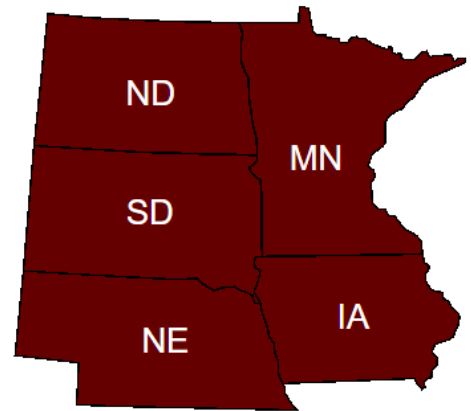
[www.schumarketing.com](http://www.schumarketing.com)



## Achieving Sanitation and Safety with the Latest Plumbing Innovations

Now more than ever, today's buildings require strong attention to hygiene, sanitation, and overall safety. With the latest plumbing innovations, health and safety requirements are prioritized, addressed, and met. From achieving appropriate water flow and pressure in the mechanical room, to providing a touchless restroom experience and delivering effective water temperatures and waste disposal in the kitchen, today's buildings contribute to optimal patron health and safety.

This course explains just how engineers, architects, and contractors can incorporate the latest plumbing products in and around their buildings to achieve safety while also providing cost savings, durability, water conservation, and overall building owner and building patron satisfaction.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



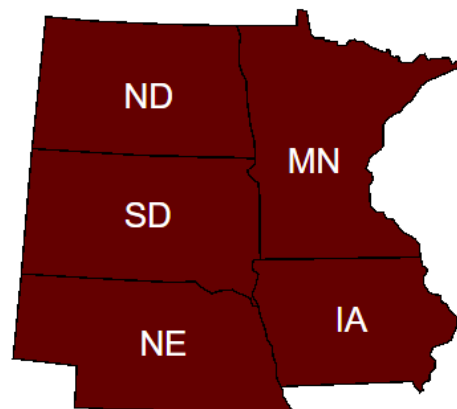
[www.schumarketing.com](http://www.schumarketing.com)



## Achieving Style & Substance with the Newest Plumbing Innovations

Today's consumers demand much of plumbing products, expecting them to be durable, environmentally friendly, safe, ADA compliant, and easy to install, clean, maintain, and use.

This course reviews the options and features of an array of restroom plumbing products and drains, examining how they not only meet functional and performance requirements but also how they add style and character to a design.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



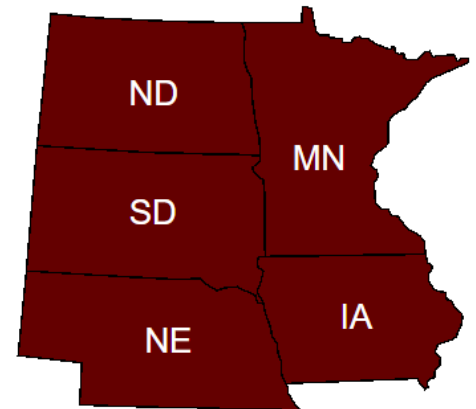


## Healthier Hydration for the Home

Water is vital for life. As we move out of the pandemic, consumers are becoming more aware of their health and are taking steps to maintain healthy, active lifestyles, including drinking pure, clean water.

- This course explores the importance of staying hydrated and explains how dehydration can negatively affect health and wellness.
- The course also examines some of the most common contaminants in drinking water and the potential health effects of ingesting such water.
- Gain insight into how consumer lifestyle trends drive the need for healthier and more sustainable water in the kitchen and beyond and discover how consumers can meet these needs.
- Finally, learn about some of the newest water filtration systems available for cleaner, healthier, sustainable drinking water in the home

This course is available online at AEC Daily as Self Paced Online Course Only.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH  
.1 NKBA CEU



### Course Types

Online Self Paced  
through AEC Daily



**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

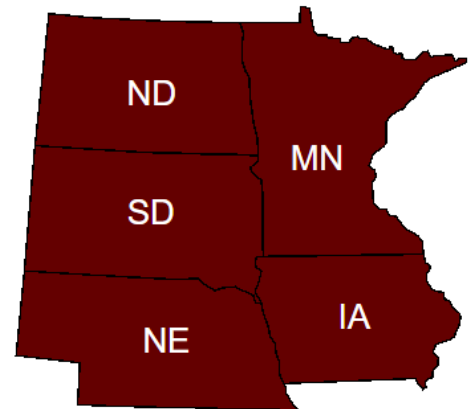


## Healthy Hydration Design Elements in Hospitals

Healthy hydration is central to the health of patients and to hospitals.

There are three hydration issues facing hospitals.

- First, nurses are not properly hydrated. This affects their mental acuity which can negatively affect job performance including patient safety. The course explores how to make water more accessible in ways that increase mental health and gives respite to nurses.
- Second, hospitals are embracing community health initiatives. This course looks at how supplying lead-free water at hospitals supports healthy communities.
- And, third hospitals are stepping up their commitment to green and sustainable operations. This course dives into how hospitals can reduce plastic usage through filtered water delivery units.



### Credits Available

1 AIA CES LU



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

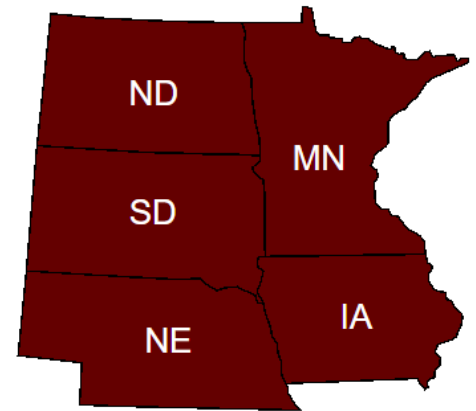


## How Hospitals Can Balance Sustainability Goals with Water Safety

Hospitals strive to meet sustainability goals but must also maintain the highest standards in water safety to keep patients, visitors and staff safe.

This session will explore best practices to reduce water usage while also deploying accepted protocols to reduce the risk of Legionella and other hospital acquired infections (HAIs).

Examples of how sustainability metric tracking can complement water management Joint Commission and CMS requirements will be examined.



### Credits Available

1 AIA CES LU  
1 HSW



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

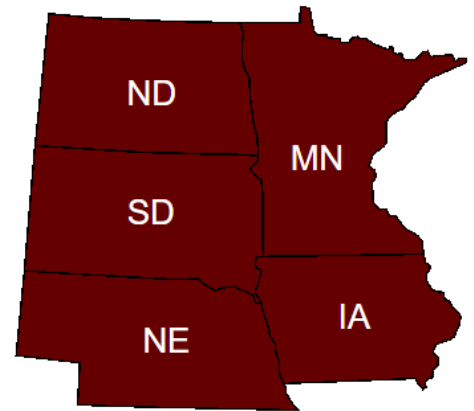


## Hygienic Public Restroom Design with WELL v2™

Now more than ever, public restrooms must provide users with a hygienic and safe experience that supports inclusivity, human health, and wellness.

In this course, we explore how multistall public restrooms address users' concerns about hygiene, safety, privacy, and efficiency through partitions, touchless fixtures, hand dryers, and more.

We also discuss fulfilling WELL Building Standard™ v2 requirements by promoting public health and safety in restroom design.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

Online Self Paced  
through AEC Daily



CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

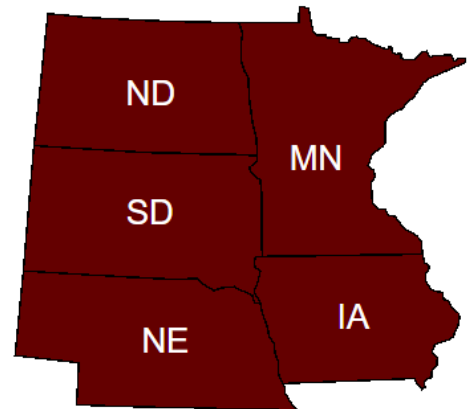




## Improving Patient Health Through Flushing Best Practices

Understand the fundamentals of how flushing practices, a way to ensure water is moving through the hospital to reduce the risk of Legionella and other waterborne pathogens, improves the health and well-being of patients, particular those who are immunocompromised.

The latest industry standards and practices will be explored that can directly be applied to a facility's water management plan.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual  
Online Self Paced through AEC Daily



CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



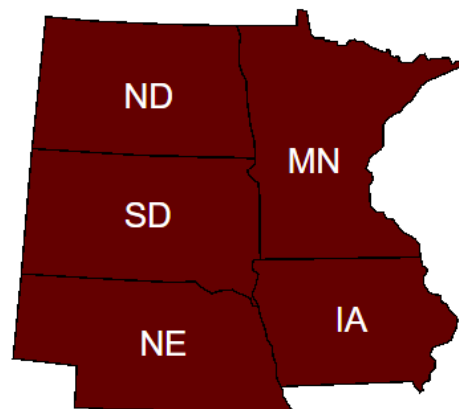
[www.schumarketing.com](http://www.schumarketing.com)



## Lead Lowdown: Exploring the Dangers of Lead

The prevalence of lead in drinking water isn't an isolated issue. This course takes a deep dive into the dangers of lead and the harmful effects of consuming lead in drinking water, and answers basic questions about why lead is dangerous, how it got into our drinking water, where it is found and who is at risk.

The course further reviews water regulations and discusses strategies to protect against this ubiquitous toxin, as well as developing approaches to proactively reduce lead contamination with the use of filtered water delivery units.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH  
1 NKBA CEU



### Course Types

In Person  
Virtual

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

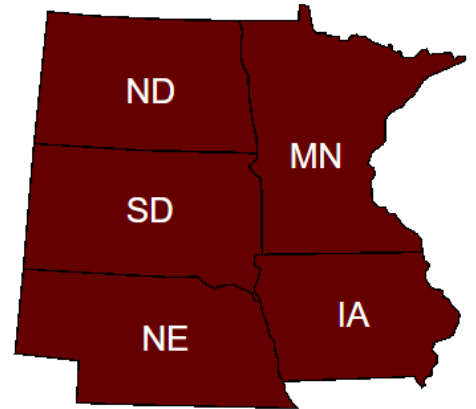


## Look Smart! Smart Connected Plumbing Fixtures for Commercial Restrooms

How smart is your commercial restroom?

Join us in this one-hour course as we discuss plumbing fixtures and features in smart connected restrooms.

Participants will learn how to specify handwashing systems, touchless sensor faucets & soap dispensers, and sensor flush valves to create a smart and stylish commercial restroom in a variety of applications.



### Credits Available

1 AIA CES LU

1 HSW



### Course Types

In Person

Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

# ELKAY®



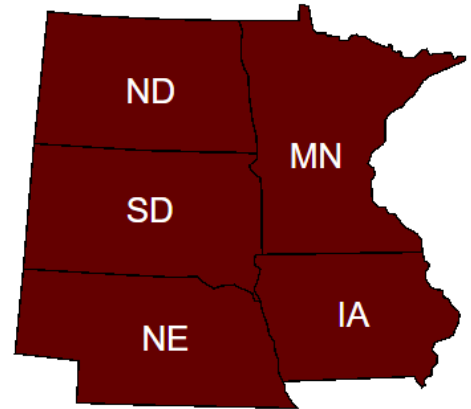
## Power of Product Transparency & Sustainability: Understanding How to Use it for Optimal Green Build & Design

Material transparency is a growing initiative in the green and healthy building arena.

The course reviews legislation that provides the baseline for healthy and sustainable materials, as well as discusses the limitations of those regulations.

This course further explores the predominant green building programs and how material transparency can help achieve certification status from those programs.

Attendees will leave this course with an understanding of how to access, analyze and apply material transparency to their projects and how to leverage these initiatives to support a healthier, more sustainable building industry.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH  
1 IDCEC CEU  
1 NKBA CEU



### Course Types

In Person  
Virtual  
Online Self Paced through AEC Daily

@AEC DAILY.

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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





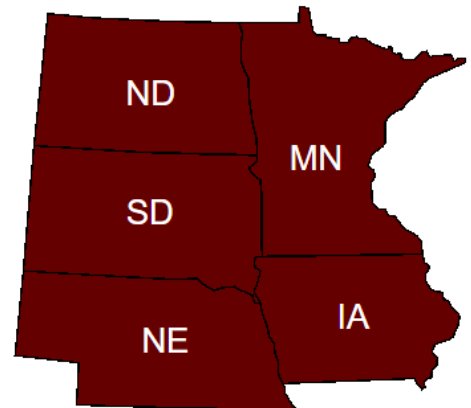
## Sustainable, Stylish and Strong: Stainless Sinks Have It All

Learn how kitchen sinks have evolved throughout the years. An analysis of how lifestyle design trends, technology and resource availability have influenced the size, shape and material of the modern-day sink.

Explore the endless possibilities of designing your own custom sink. Find out how stainless steel can be easily integrated into residential and commercial kitchens.

Dive into the world of stainless steel sinks:

- What are the benefits?
- What are the capabilities of the material?
- What is the environmental impact?
- What is the future?



### Credits Available

1 AIA CES LU

1 NKBA CEU



### Course Types

In Person

Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

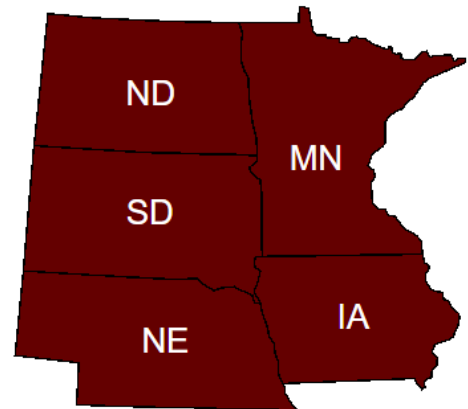
# ELKAY®



## The Art of Water: Solving Water Delivery Challenges with Bottle Filling Stations

In the pursuit of increasing sustainability efforts for a positive impact on the environment, more bottle filling stations are being put into building design specifications.

Learn how bottle filling stations help to conserve energy, while encouraging the use of reusable bottles to minimize disposable plastic bottle waste in the environment.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH  
1 NKBA CEU



### Course Types

In Person  
Virtual



**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



## The Kitchen Sink and Beyond: Design Considerations for the Heart of the Home

This course takes an in-depth look at the latest design considerations for the home. From sustainable choices to new trends, this course touches on many options to consider when building a new home or even making smart updates to an existing home, starting with the home's core: the kitchen.

Choosing a sink for kitchen installation can be overwhelming with the array of choices in today's marketplace. To facilitate the selection process, this course provides an overview of the different sink materials and sink configurations utilized in residential applications with a focus on how the style, functionality and material durability of the sink should stand up to whatever life dishes out.

This course addresses the details of sink material options in order to create innovative designs when including them in the kitchen. Design insights on faucets and countertops as well as the details of integrating and specifying sink systems will be highlighted.

This course also looks beyond the kitchen sink by discussing other design considerations such as home drinking water solutions.



### Credits Available

1 AIA CES LU  
1 HSW  
1 IDCEC CEU  
1 NKBA CEU



### Course Types

In Person  
Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

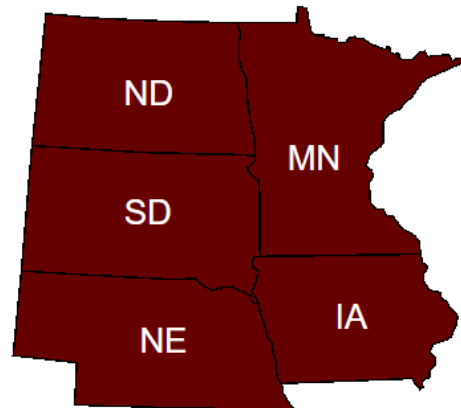




## Trench Drain Systems: Fundamentals, Aesthetics, and Sustainability

Buildings, roads, and man-made landscapes can harm the natural environment with their effect on the natural water cycle. Architects and designers need to be aware of the best practices and experts' recommendations to specify the correct type of drainage system that serves users and protects the environment.

This course discusses the positive contributions of modern drainage systems to the built environment and their role in improving sustainability. The technical and aesthetic aspects of trench drain design are also covered.



### Credits Available

1 AIA CES LU  
1 HSW  
1 ASPE PDH



### Course Types

In Person  
Virtual  
Online Self Paced through AEC Daily



CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



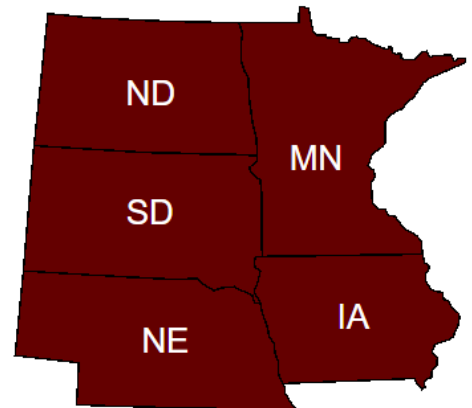


## Why Hands-Free Products are Key

Due to the COVID-19 pandemic, the prevention of germs and their spread has become increasingly important and remains a top priority.

Public spaces have adopted new measures to address such concerns, implementing solutions designed to help combat the spread of germs.

This presentation will discuss how germs spread; how opinions have changed pertaining to shared surfaces; how public spaces are evolving because of the COVID-19 pandemic; and how hands-free products are key to providing hygienic solutions



### Credits Available

- 1 AIA CES LU
- 1 HSW
- 1 ASPE PDH
- 1 IDCED CEU
- 1 NKBA CEU



### Course Types

- In Person
- Virtual

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

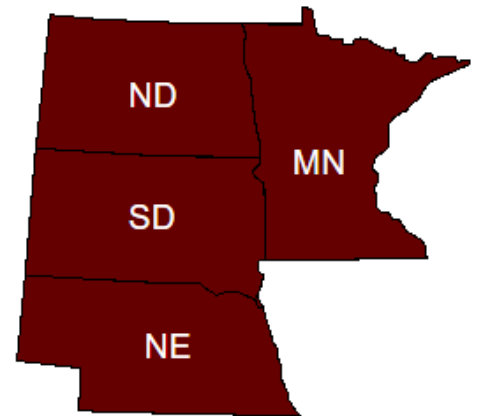


## Best Practices and Code Considerations for Specifying Fire Rated Floor Doors

This course will discuss construction access products, the difference between active and passive fire protection, and how fire-rated floor doors provide passive protection.

### Learning Objectives:

- Examine how construction access products are used in commercial building applications and the importance of passive fire protection systems.
- Learn how floor fire doors and access doors are used for fire-rated applications and the differences between products available on the market.
- Identify the key features to look for when specifying floor doors for fire-rated applications.
- Understand the applicable fire protection codes that apply to the use of floor access doors in fire rated applications.
- Explore applications for fire-rated floor doors and a case study where they were used in a massive rail station project.



### Credits Available

1 AIA CES LU

1 HSW



### Course Types

Online Self Paced through Architect U

**ARCHITECT U**

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

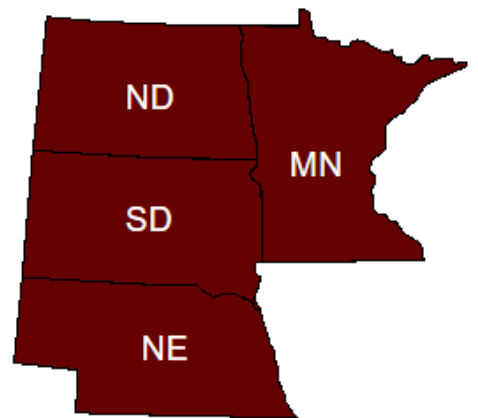


## Designing Roofs for Life Safety and Sound Isolation

Explore expert insights on how to specify sound-rated automatic smoke vents.

### Learning Objectives:

- Summarize how automatic smoke vents work in response to a fire event and how they modify the way that a fire progresses through a burning building.
- Select the appropriate noise-measuring metric to evaluate the sound-buffering performance of building facade products that need to mitigate noise made from airplanes, construction activities, and traffic.
- Explain the ways that automatic smoke vents are required to be incorporated into a design by the standard NFPA 204, authored by the National Fire Protection Association (NFPA), the 2018 International Building Code, and the International Fire Code (IFC).
- Describe the many ways that automatic smoke vents offer better protection for people, firefighters, and property in the event of a fire.



### → Credits Available

1 AIA CES LU  
1 HSW  
1 IDCEC CEU

### → Course Types

Virtual  
In Person  
Online Self Paced through the  
Continuing Education Center

**CONTINUING EDUCATION CENTER**  
ARCHITECTURE + CONSTRUCTION

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



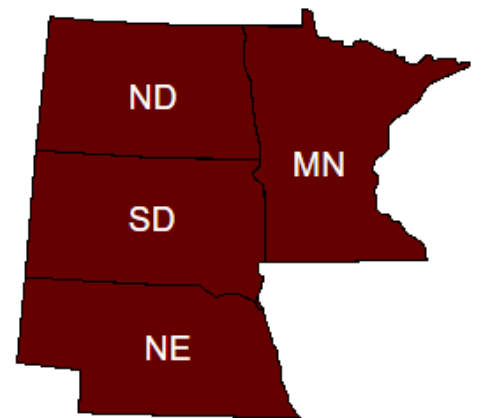


## Fighting Fires and Saving Lives Large, Single in One-Story, Undivided Buildings

A closer look at the need to incorporate automatic smoke vents into these designs.

### Learning Objectives:

- Explain why using automatic smoke vents in large, single-story, undivided buildings became common after the 1953 General Motors fire and the standard that was developed to guide the design of these life-safety systems.
- Understand how automatic smoke ventilation changes the development of a fire in large, single-story, undivided buildings, and the benefits that this fire- and life-safety product provides.
- Identify the applicable fire- and life-safety codes that dictate the use of automatic smoke ventilation.
- Specify the automatic smoke vent that is best suited for the unique needs of a project



### Credits Available

1 AIA CES LU

1 HSW



### Course Types

Online Self Paced through the  
Continuing Education Center

CONTINUING EDUCATION CENTER  
ARCHITECTURE + CONSTRUCTION

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

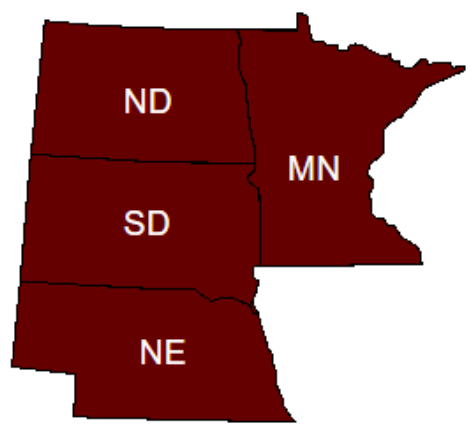




# Roof Hatch Safety Railing Systems 101

An introduction to the OSHA requirements and key features for fall protection around roof hatch openings

This course introduces a roof hatch and roof hatch safety railing system and explores the OSHA standard (OSHA 29 CFR 1910.29), which details the requirements for roof hatch safety railing systems. The reason that many building owners choose to install these systems as an extra precaution and key features that differentiate the railing systems in the market will also be discussed.




→ **Credits Available**

.25 AIA CES LU  
.25 HSW

→ **Course Types**

Virtual  
In Person



**CALL US TODAY!**  
 **763-593-5616**

 [architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)  
 [www.schumarketing.com](http://www.schumarketing.com)

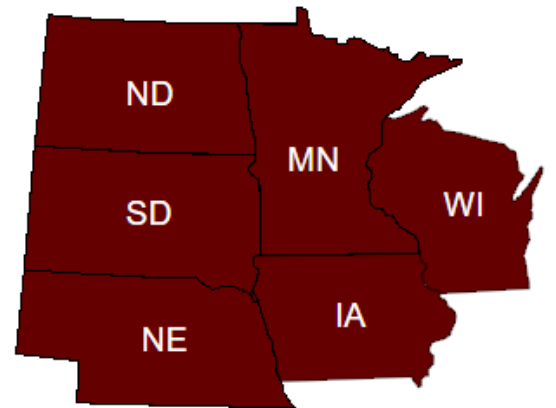


## A Planning Guide for Accessible Restrooms

Designing accessible restrooms requires an understanding of why such standards exist. By becoming familiar with the unique needs of various users, architects and designers can better design restrooms that satisfy ADA standards for toilet compartments, lavatories, accessory operability and beyond.

### Learning Objectives:

- Identify how accessibility standards accommodate a diverse set of users and the general prescriptive requirements for accessible restroom design mandated by ADA.
- Understand the changes in the ICC A117.1-2017 Accessibility standards for existing and new buildings.
- Describe requirements for accessible lavatories and restroom accessories.
- Describe requirements for accessible toilet compartments of varying sizes and the accessories needed to complete their specification.
- Discuss requirements for accessible bathing facilities.



### Credits Available

1 AIA CES LU  
.1 HSW  
1 IDCEC CEU



### Course Types

Virtual  
In Person

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

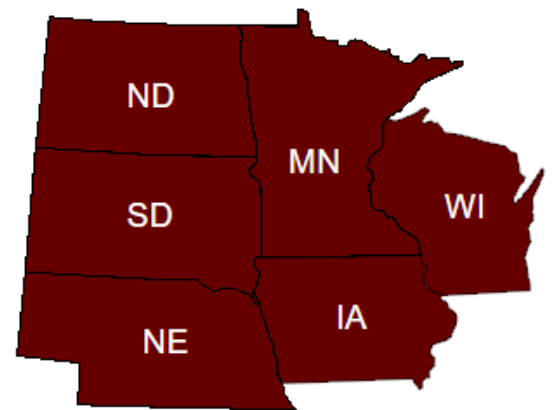


## Beyond ADA: Multigenerational Public Restroom Design

Multigenerational design merges a number of societal issues, design philosophies and facility considerations. As demographics continue to evolve in the United States, facilities must prepare for populations and workforces that are older than they've ever been while also catering to the preferences and needs of younger generations.

### Learning Objectives:

- Describe multigenerational demographics and social trends.
- Identify accessibility solutions that extend beyond minimum ADA requirements.
- Describe the requirements of special needs and bariatric users and provide relevant design solutions.
- Identify COVID-19 and other hygiene-related sensitivities and relevant health and wellness solutions.



### Credits Available

1 AIA CES LU  
.1 HSW  
1 IDCEC CEU



### Course Types

Virtual  
In Person

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



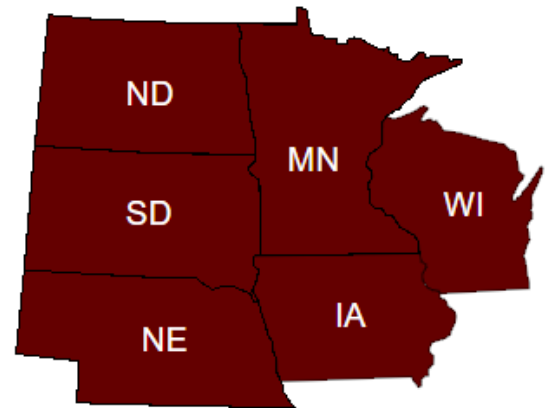


## Design Solutions for Restroom Privacy

A large portion of today's restroom users view privacy as a key amenity. As all-gender restrooms rise in popularity, privacy has taken a key role in restroom design. There are several ways to achieve privacy, but toilet partition design offers a balance of practicality and privacy that other solutions cannot.

### Learning Objectives:

- Understand the factors that have contributed to privacy as a design expectation in many building types.
- Understand different toilet partition design solutions and their varying degrees of privacy.
- Review cost-benefit analyses and construction implications of privacy solutions.
- Review ADA compliance considerations associated with privacy toilet partition design.



### Credits Available

1 AIA CES LU  
.1 HSW  
1 IDCEC CEU



### Course Types

Virtual  
In Person

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



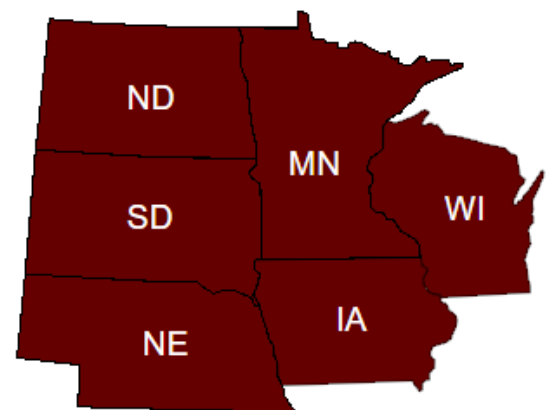


## Reimagining Restrooms for Human Health and Wellness

The COVID-19 pandemic has prompted architects, designers and building owners to reconsider longstanding assumptions about architectural design. In today's and tomorrow's commercial buildings, restrooms will face unique health and wellness challenges.

### Learning Objectives:

- Explore the hygiene challenges for post-COVID-19 restrooms, including the science of virus and bacteria transmission and CDC guidance for cleaning, disinfecting, and returning to public spaces.
- Evaluate product strategies for maximizing hygiene in commercial and public restrooms through effective handwashing and drying.
- Examine space planning strategies to optimize traffic flow and physical distancing between patrons while maintaining accessibility.
- Assess design strategies to enable proactive sanitation, cleaning and maintenance for reliable operation and optimal hygiene



### Credits Available

1 AIA CES LU  
.1 HSW  
1 IDCEC CEU



### Course Types

Virtual  
In Person

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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

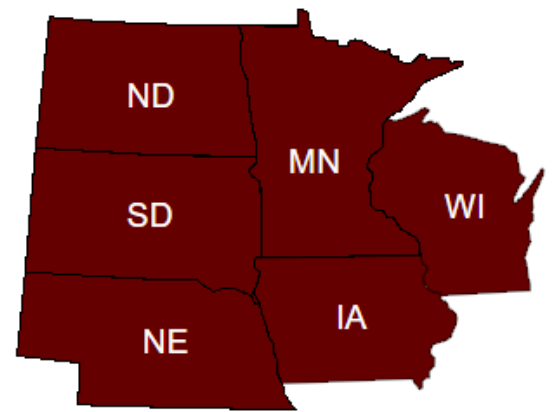


## Specifying Code-Compliant Toilet Partitions

Today's building owners and their tenants demand, privacy, aesthetics and performance in their toilet partitions. This course provides guidance on satisfying several code requirements without compromising other critical design objectives.

### Learning Objectives:

- Understand current toilet partition material fire code compliance.
- Learn how to select the most appropriate toilet partition material, hardware, mounting configuration and privacy options based on building type.
- Describe three ADA accessible toilet compartment layouts.
- Identify guidelines for writing toilet compartment specifications.



### Credits Available

1 AIA CES LU  
.1 HSW  
1 IDCEC CEU



### Course Types

Virtual  
In Person

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



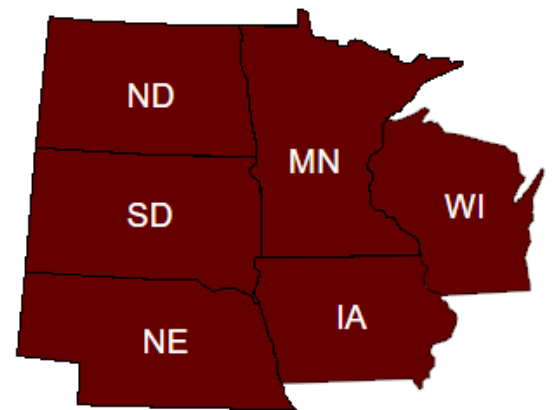
## Barrier Free and Design: Understanding Accessibility in a Locker Room

This course will provide relative information when designing and specifying ADA code-compliant locker changerooms for commercial facilities.

### Learning Objectives:

- Understand the difference of ADA vs ANSI
- Designing a complete barrier-free environment
- Understanding path of travel
- Designing for reach intent
- Atmospheric considerations
- Durability and resistance considerations

Accessibility codes and regulations will be covered regarding entrance ways, lockers, benches, hardware, showers, toilets and accessories.



### Credits Available

1 AIA CES LU



### Course Types

Virtual  
In Person

**CALL US TODAY!**



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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



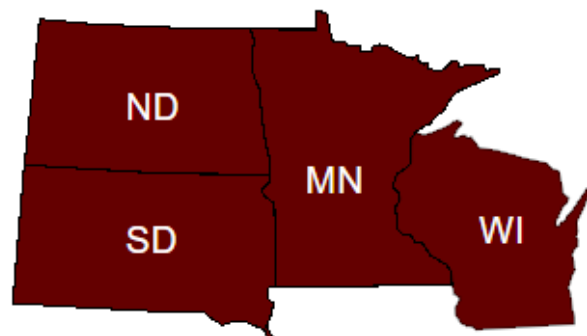
Guardian

EMERGENCY EYEWASH & SHOWER TECHNOLOGY

## Safety by Design - Protecting Employees Through the Design of ANSI/OSHA-Compliant Emergency Technology

This course will focus on the following learning objectives:

- Occupational Safety and Health Administration (OSHA)
  - History and Legal Impact
- ANSI/ISEA Z358.1-2014
  - History, Regulations and General Considerations
- Emergency Equipment Styles
- Designer Responsibilities
- Design Challenges and Solutions



### Credits Available

1 AIA CES LU  
.1 HSW



### Course Types

Virtual  
In Person

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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





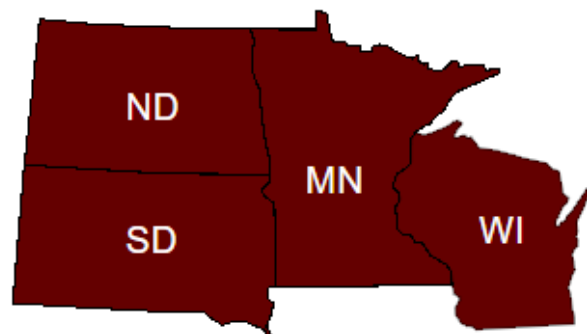
Guardian

EMERGENCY EYEWASH & SHOWER TECHNOLOGY

## Safety First! Specifying Emergency Showers & Eyewashes

This course will focus on the following learning objectives:

- Occupational Safety & Health Administration and American National Standards Institute – general and specific guidelines and requirements
- Understanding ANSI/ISEA Z358.1-2014
- Emergency Eyewash/Shower product categories and examples
- What else do we need to know?
- Roles and responsibilities of a specifier/designer
- Design challenges and solutions for specific applications/environments



### Credits Available

1 ASPE PDH



### Course Types

Virtual  
In Person

CALL US TODAY!



**763-593-5616**



[architecturalsales@schumarketing.com](mailto:architecturalsales@schumarketing.com)



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