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ASPE NEW YORK CITY CHAPTER

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<http://www.aspenyc.org>

**NOVEMBER
MEETING
INFORMATION**

Topic: NYC 2022 BC Important Updates
(Sprinkler/Standpipe, Fire Pump)

Speaker: Adam Levine, PE

Sponser: Fleet

PDH CREDITS

Date: November 5th, 2025

Location: The Tailor Public House &
Kitchen - 505 8th Avenue

Time: Dinner Served: 5:30pm

Technical: 5:30-6:30pm

Social: 6:30-8:00pm

Virtual (PDH Credits Not Provided)

<https://teams.live.com/join/935863372641?p=L2bSqzjpGkCHZ8cYug>



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A Message

FROM THE PRESIDENT



My fellow ASPE NYC Members,

Thank you to everyone who was able to attend our 50th Anniversary Celebration Cruise! Despite a very large amount of traffic in the city and beyond, we had great turnout and a wonderful event. Our 2025-2027 Board of Directors were sworn in surrounded by the people that make this chapter great - you! Even if you weren't on board, your presence was felt amongst the ASPE NYC Family. This milestone could not have been achieved without every single member playing their part; Congratulations to all! Be sure to check out photos of the event in this newsletter!

Our Women of ASPE group also participated in a Breast Cancer Walk on Sunday, October 19th. Thank you to Catherine for organizing, and thank you to everyone who came out to support WOA and breast cancer research! Pictures of the event will follow in next month's newsletter.

Even though fall is barely here, it's not too early to be hyped for the Holiday Party! We will be heading to Jack Doyle's for this year's festivities on December 3rd. Please make sure your membership is up to date for ease of check in at the event! If you're a manufacturer interested in donating raffle prizes, please reach out to ny.aspe@gmail.com for programming details.

As our chapter continues to host appealing events and AI becomes more advanced, it's important to stay vigilant of phishing scams and remember the contact information for our board. Board members will only reach out to you via the emails/ phones listed on the cover sheet, and official chapter communications will only come from ny.aspe@gmail.com, nycaspenewsletter@gmail.com, or postmaster@mg.aspenyc.org. We are thankful to have such an engaged chapter, and we appreciate your diligence to keep it safe!

We look forward to seeing you all at our next Chapter Meeting on November 5th! Same great time, same great place.

Yours in ASPE,
Sean Mooney, CPD



JOIN US FOR A



Holiday Party!

PLEASE JOIN US FOR DINNER,
DANCING AND AMAZING PRIZES!

December 3rd, 2025

FROM 5:30 TO 9:30 PM

JACK DOYLE'S

240 WEST 35TH ST NEW YORK, NY

RSVP TO NY.ASPE@GMAIL.COM



ENTRY IS FREE FOR MEMBERS. IF YOU ARE NOT A MEMBER, PLEASE REGISTER AT MEMAPPLICATION.ASPE.ORG.
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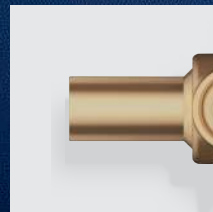
ADDITIONAL CONNECTIONS



1/2" PEX crimp inlets



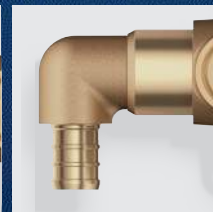
1/2" PEX cold expansion inlets



1/2" Stub-out inlets/outlets



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1/2" PEX cold expansion elbow inlets

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The Statue of Liberty is depicted in a grayscale, slightly desaturated style. She is holding a large, black industrial pipe in her right hand. The pipe has white text on it: "USA CH" and "PIPE". The background is a faded, high-angle view of the New York City skyline, with various skyscrapers visible. The overall aesthetic is gritty and industrial.

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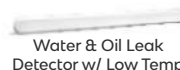
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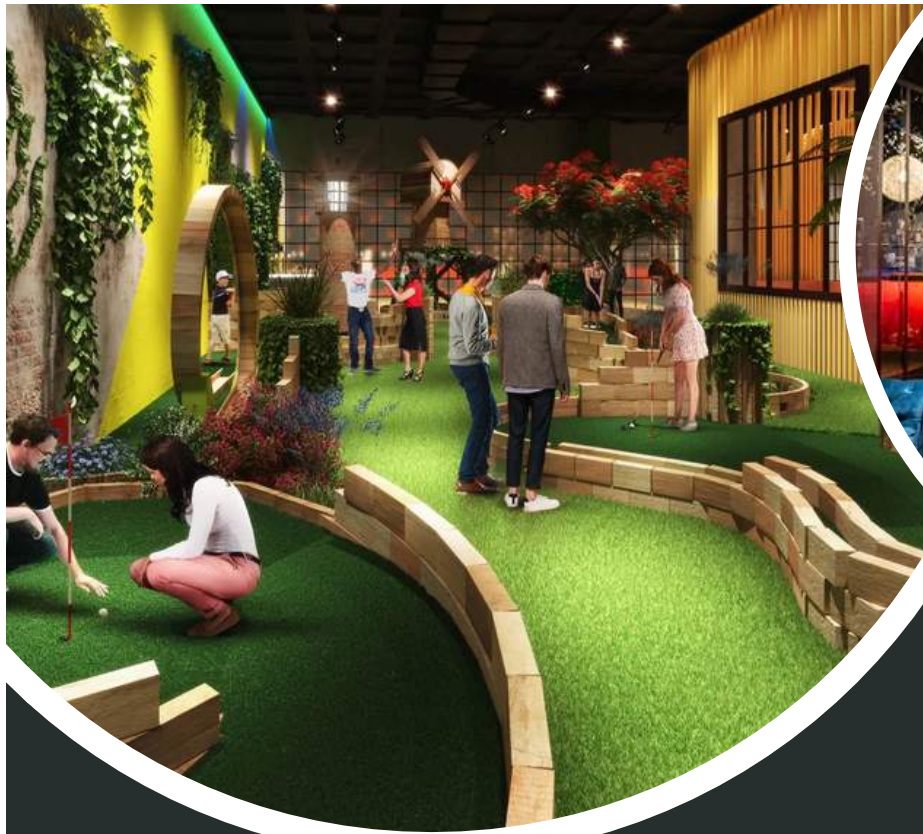


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6:00 - 9:00 PM

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or Christian Tennant: christian@section22llc.com

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- Temperature Monitoring Control- High Temperature Safeguard with Solenoid Valve
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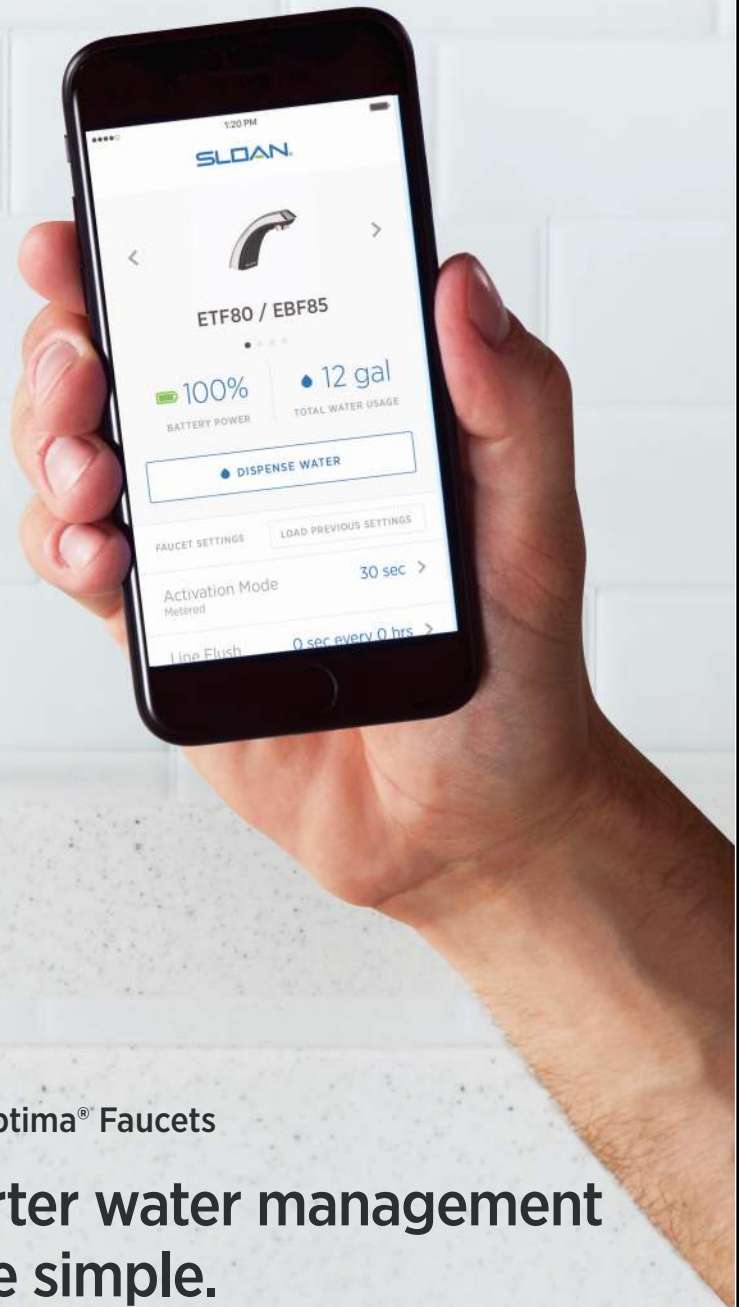
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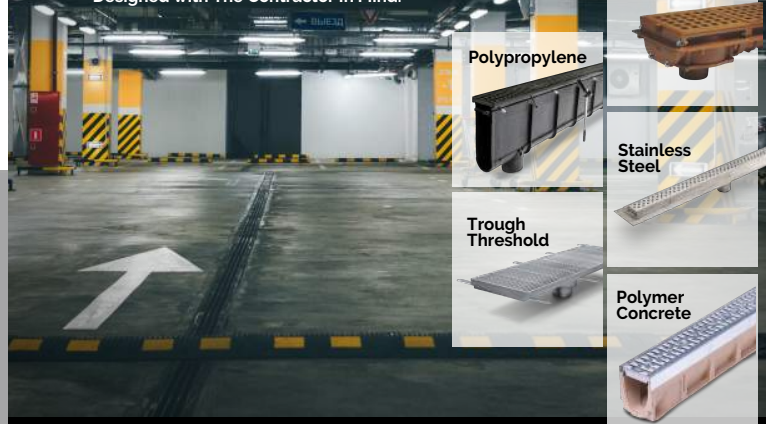
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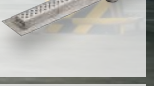
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The Pall filter rating can be easily adjusted (either finer or coarser) by installing elements with a different micron removal rating after each routine disposable filter element change-out.

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MPAV/Pall filter cartridges have a known single-pass micron particle size removal rating that does not change while in service because they use a depth style filter media that is effective at capturing particles in a single-pass no matter their shape, unlike mesh strainer filter designs.

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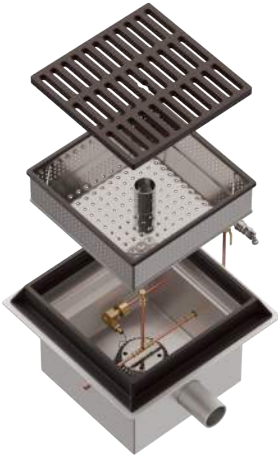
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The wash area is also clean because the pit-mounted diversion valve automatically opens with water use, diverting contaminated trash can wash water to the sewer. Stormwater goes to the storm drain when the diversion valve is closed.

WDS-BDPSWTS



Engineered for outdoor showers that require separation between wash water and rainwater. The Beach, Deck and Pool Shower System offers a seamless solution, where wash water is efficiently diverted to the sewer system, ensuring that soaps, shampoos, suntan lotion, and other contaminants are properly processed.

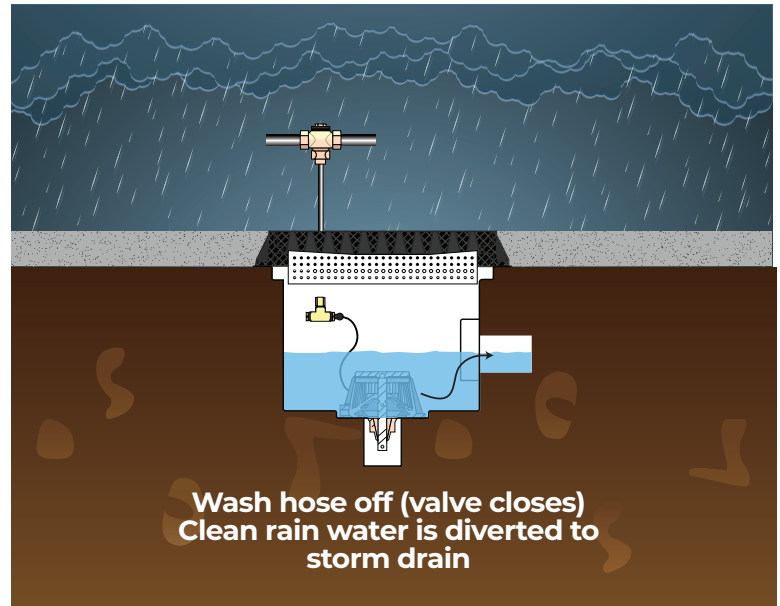
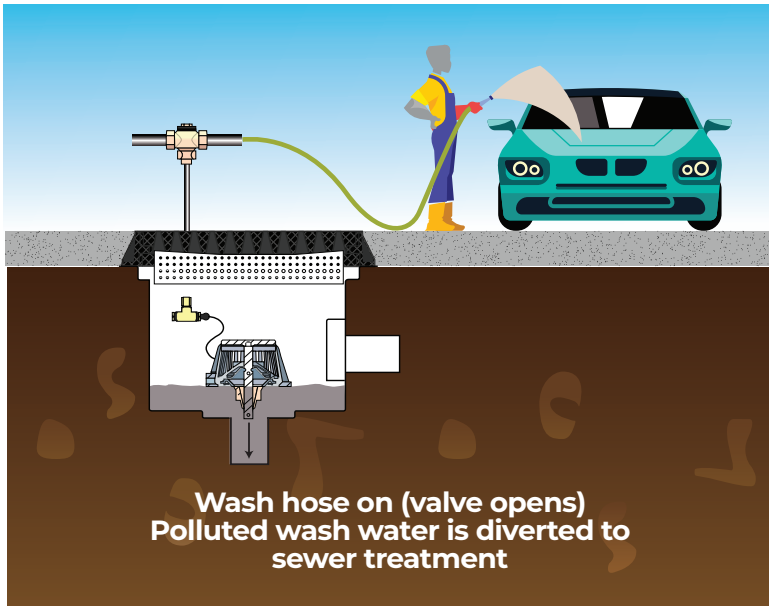
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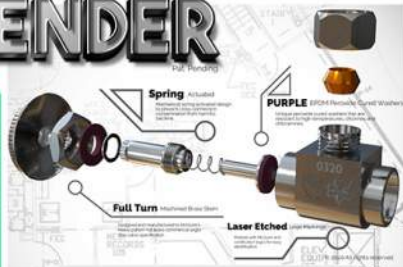
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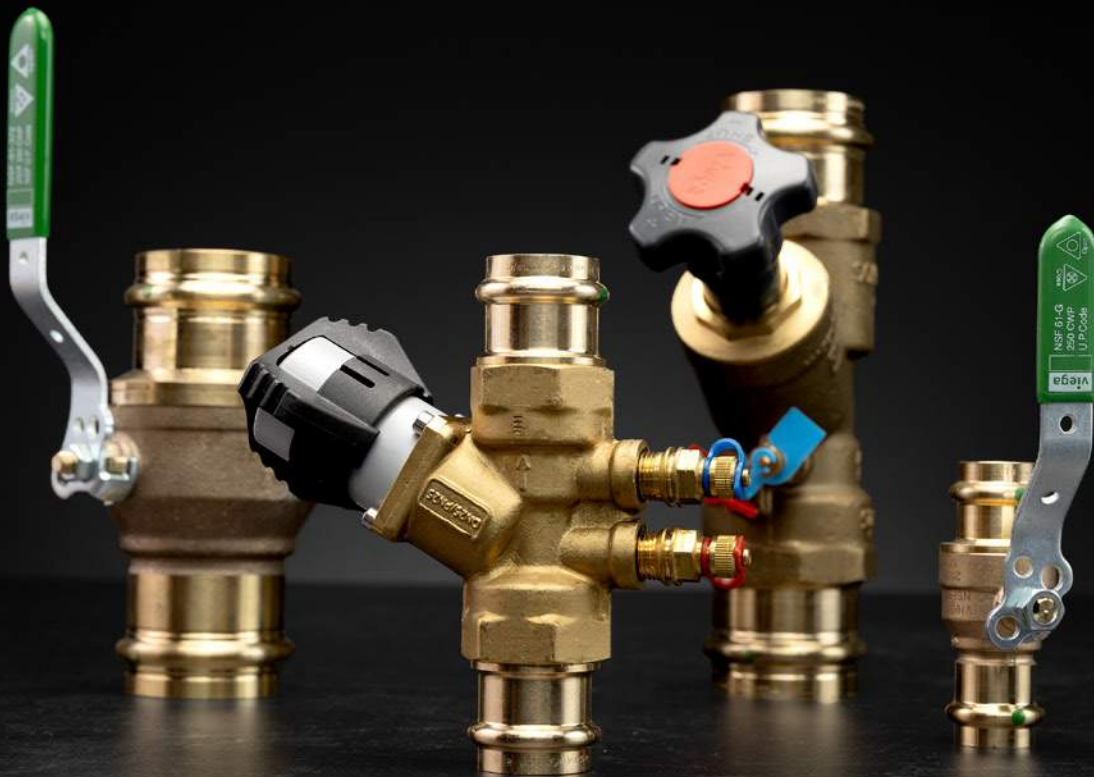
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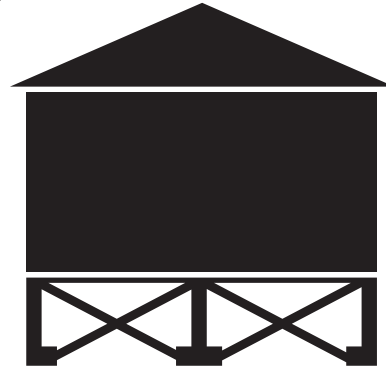
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Hopefully by now you've had a chance a drop by the Code Corner to see what its about. In case you haven't, this is a place to get an update into what's happening with discussions of the plumbing code committee. You have an opportunity to participate, NYC ASPE members can email me their concerns regarding particular code sections and the associated language which they believe needs to be discussed during code committee meetings.

Best Regards, Vinny Rotoli

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OCTOBER MEETING MINUTES

The October meeting was initiated by Steve and began with the Pledge of Allegiance, after which, several announcements were made. Event reminders included the NYC Chapter 50th Anniversary Dinner Cruise on October 9th and the WOA Breast Cancer Walk in Central Park on October 19th. Eric also mentioned that the 2026 ASPE golf outing will be on Monday, August 10th

Technical Presentation: Oil/Sand Separators, Solids Interceptors, Chemical Waste Tanks by Trent Sorenson

Trent introduced the topic: Oil/Sand Separators, Solids Interceptors, and Chemical Waste Tanks. He began by explaining that these systems serve an essential environmental protection function — to prevent hydrocarbons, solids, and chemical contaminants from entering the municipal sanitary sewer system. The discussion was divided into three parts: oil/sand separation, solids interception, and chemical waste handling, each critical to compliance with local plumbing codes and environmental discharge regulations.

Oil/Sand Separators

Trent explained that oil/sand separators are designed to capture and isolate floating oils and settleable solids before wastewater enters the sewer system. Trent played a video of oil separation in action and explained how oil separators work. Their function is particularly important in facilities such as maintenance garages, vehicle repair and wash bays, parking garages, and hydraulic elevators. Each of these locations presents a potential source of hydrocarbons — from oil changes, vehicle leaks, or hydraulic fluid discharges — making separation systems not only good practice but often a code requirement. By removing oil and debris from wastewater, separators protect downstream treatment systems and prevent pollution of public sewers and waterways.

Trent reviewed general design requirements for oil/sand separators indicating that they should have gasketed covers, be vented to atmosphere, have an outlet sewer gas seal, have the appropriate traffic or load rating for the area it is installed in, a means of separating oil, and sufficient solids capacity.

When discussing construction materials, Trent compared the three primary options: plastic/fiberglass, concrete, and steel. Plastic and fiberglass units offer durability, corrosion resistance, and ease of installation, although their cost may exceed concrete units in some markets. Concrete separators are widely available and generally lower in initial cost, but they have a finite service life, are naturally porous, and can be inconsistent in manufacturing quality. They are also heavier and more difficult to install. Steel units may outperform concrete in longevity when properly coated but are limited by availability of extensions and higher installation costs.

Sizing of oil/sand separators depends on the facility type, floor area, and expected flow. For example, Trent noted that a 900 sq. ft. oil change shop with (2) 15 GPM pressure washers and a 4" waste line would require 14 cu. ft. of capacity per the IPC. Therefore, the minimum size of the recommended oil separator is 105 gallons, capable of handling a minimum flow rate of 30 GPM. For parking garages, per the UPC, sizing is based on the number of vehicles: 1–3 vehicles require 6 cu. ft. of capacity, with an additional cu. ft. per vehicle up to 10 vehicles. Above that, the Authority Having Jurisdiction (AHJ) determines the required size.

Modern systems can include oil monitoring features such as interface floats that detect the oil-water boundary and automatically actuate a draw-off arm connected to a collection tank. Some systems employ wireless or ultrasonic sensors that alert maintenance personnel when oil levels reach a set threshold. Maintenance is critical: Trent advised that separators be inspected and cleaned annually, with frequency adjusted for the solids load and facility usage. He stressed that maintenance should always be performed by a professional pumper contractor and that designs must provide ample access for inspection and removal.

Trent discussed third-party listings for oil separator design under IAPMO IGC 183 and performance under IAPMO IGC 325. Although not always required, he recommended using listed products whenever possible to ensure compliance and performance consistency.

Refer to the local AHJ when selecting oil interceptors to determine if third-party listings are required.

Solids Interceptors

Trent then transitioned to solids interceptors, explaining that they are designed to capture grit, sediment, food waste, or debris before wastewater enters the sewer system. These devices are used in laundry facilities, commercial kitchens, dog wash facilities, art rooms, barber shops/hair salons, and where solids could otherwise clog or damage piping. Solids interceptors may be installed at the point-of-use, directly beneath a sink or drain or centrally, serving multiple fixtures.

Centralized interceptors are further divided into screen-style and basket-style designs. Screen-style units trap solids across a mesh barrier, while basket-style models use removable baskets that can be lifted and cleaned. The selection between the two depends on the application, expected debris type, and ease of maintenance. As with oil separators, solids interceptors are commonly constructed from plastic, steel, or concrete.

Chemical Waste Tanks

In the final portion of the presentation, Trent addressed chemical waste tanks and their role in managing hazardous and laboratory wastewater. Such systems are typically required in facilities like hospitals, laboratories, and industrial plants where waste streams may contain acids, caustics, or solvents. The two primary applications for chemical waste tanks are neutralization and decontamination.

Chemical waste tanks are generally fabricated from corrosion-resistant plastics such as polyethylene or polypropylene, chosen for their resistance to acids and solvents. Trent discussed pH considerations, explaining that while many plumbing codes explicitly require treatment of acidic waste, they often neglect caustic waste, which can be equally damaging to piping and sewer infrastructure. Therefore, design engineers must evaluate both acidic and basic waste streams when selecting neutralization media and tank capacity. Common neutralizing media include limestone and magnesium oxide, both of which react with acidic waste to raise the pH to a safe range.



Trent also reviewed common methods for pH monitoring, including the use of electronic sensor probes connected to control panels that continuously track effluent pH levels. Manual collection and testing via sample ports is another method.

The presentation concluded with a question-and-answer period.



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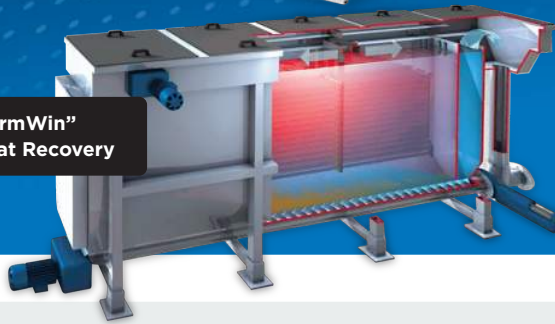
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