

SEMINAR PROGRAM

1 Efficiency Drivers

Tuesday, September 27

DAY

Methodology Product Launch: Sensus Cordonel® Static Flow Water Meter

11:00 - 11:30
Manage your distribution network with increased accuracy and control, know Cordonel - a high-performance bulk meter that enables you to manage your distribution network more efficiently and provides accurate and reliable data in any installation or environmental condition.

How Sensor Data Enables Network Performance Improvement

12:00 - 12:30
The performance monitoring of networks starts with the recording of the key parameters. This data then enables the clear understanding of Where the networks are operating efficiently, network issues and validation of network improvement solutions.

Metrology: Selecting the Right Meter & Data Transfer Solution

13:00 - 13:30
How to select the most suitable meter measurement type for the application.
How to:
1) Understand the different types of meter types
2) Identify the most suitable meter type for the situation

How to Drive Network Efficiency Improvements

14:00 - 14:30
The management of water networks is a complex and challenging process. Many issues arise on a daily basis from pipeline bursts, leakage, customer meter failure and water quality incidents.
A solution is needed to make Informed Engineering Decisions to identify WHERE there are problems, WHAT needs to be done and WHEN does the problem need to be solved.

Understanding Pipeline Condition Today and The Failure Points of the Future

15:00 - 15:30
Understanding the pipeline condition today enables:
1) WHERE are there leaks / air pockets / corrosion / broken wires;
2) To WHAT level is the problem (small / medium / large leaks. No. of broken wires;
3) Put an order as to WHEN the problems need to be fixed.
Objective is to reduce NRW and catastrophic pipeline failures.

Surface Water Quality Monitoring and Sampling

16:00 - 16:30
Surface water can be affected by land use, agricultural practices, pollution and climate change. The monitoring and treatment of surface water requires significant investments in time and money, may be jeopardized if surface water changes during extreme events or contamination. Sensors and systems from Xylem brands, play a key role in improving water quality and plant efficiency, while allowing for early warning and rapid response to events such as floods and algal blooms.

Xylem Watermark is Working to Solve Water

17:00 - 17:30
Watermark is Xylem's corporate social responsibility program. Our mission is to provide education and equitable access to safe water and sanitation to support healthy lives and help build resilient communities. Know how we solve water together.

2 Optimization Drivers

Wednesday, September 28

DAY

How Sensor Data Drives the optimization Process

The optimization of networks and treatment plants starts with the recording of the key parameters. This data then enables the clear understanding of Where optimization can be implemented and the validation of the optimized processes.

How Wastewater Pump Station Design Can Drive Optimization

Introduction of the basic concept of wastewater pump station design, adverse hydraulic phenomenon, tools to aid efficient station design.

Why No-clogging Pumps Drive Optimization

No clogging pumps enable the optimization of both the wastewater network and treatment plants. They achieve this through the ability to pump from sumps even after extended periods of non pumping and pump any rags / clothes that would otherwise clog normal wastewater pumps.

How to Reduce / Eliminate Uncontrolled Overflow Discharges

Reducing / eliminating uncontrolled discharges from wastewater networks helps protect the environment. In addition, the ability to control the flow of water in wastewater networks during periods of surcharge events enables a constant flow to reach the treatment plant. This then enables the treatment plant to operate efficiently as the influent is within the design flow and BOD/COD parameters.

Optimization of Treatment Plant Operations Maintain Discharge Compliance

Overview of the wastewater treatment domain including treatment system optimization (TSO) and case stories showcasing how Xylem has solved customers' wastewater treatment challenges.

Xylem Local Service Capabilities and OEM Spares Help The Optimization Process

Maintaining equipment operability and efficiency plays a significant role in ability to implement and maintain optimal optimization of equipment and facilities. Xylem Total Care and Solutions Services, with OEM spare parts provide higher reliability and efficiency of Xylem Assets.

Selecting The Right Dewatering Pump Drives Efficiency

Selecting the pump with the correct specifications saves on energy consumption, reduces stress on the pipeline, reduces the chance of leaks and bursts.

3 Pumping Solutions

Thursday, September 29

DAY

NFPA Requirements for Fire Pump Rooms

A fire protection system is not complete without a properly arranged and installed pump room. Join Xylem's fire protection expert as he reviews the NFPA 20 requirements for fire pump system equipment and pump room layout. You will learn what equipment is required, the reasoning behind the rules and much more.
- Introduce the equipment required in a fire pump system
- Explain the reasoning behind the requirements of pump room layout.

Introducing System Designer by Systemwize

In this session we will demonstrate how you can rapidly create a heating or cooling system design by answering basic questions around your project including building heating and cooling load, number of boilers or chillers and piping configuration.

Rental

An overview of Xylem Middle East Water Equipment Trading & Rental LLC. A demonstration of the products and services we can offer to solve your most complex Dewatering rental challenges as well as a series of case studies from throughout the GCC region.

Clean Water Pumping Solutions for Utilities & Infrastructure

Discovering the new double suction range, end suction, multistage and how to meet customers' increasing demand to handle medium to large capacities in UI and Industrial applications.

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