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SEMINAR ANNOUNCEMENT



Powering Business Worldwide

Welcome to the
industrial controls
in motion tour



Precision Electric Motor Works is happy to announce that we will be hosting factory representatives from EATON, a manufacturer of industrial controls and will be a part of their "Industrial Controls in Motion Tour".

- Interact with 40 feet of Eaton innovations that help you understand how they can help you work smarter, cut costs, increase energy efficiency and keep you safe.
- Experience fully functional, real-world environments for HVAC/R, pumping, process industry and machinery applications.
- Talk to the experts about emerging trends and how Eaton with Precision Electric Motor Works can help prepare you for them

Join us for a special **SEMINAR, SHOP TOUR and Summer Kickoff BBQ on Friday May 18th, 2018**. The seminar will be held in our newly opened INDUSTRIAL SHOWROOM and the EATON Trailer.

SPACE IS LIMITED. WE WILL BE HOLDING TWO SESSIONS **10AM AND 1PM.**



PLEASE RSVP BY SENDING AN EMAIL TO INFO@PRECISIONMOTORS.NET NO LATER THAN **FRIDAY, MAY 4TH, 2018**.

Hope to see you there!

WWW.PRECISIONMOTORS.NET

Industrial Controls in Motion Tour

Simulations of control solutions at work.

Eaton travels cross country with the **Industrial Controls in Motion Tour**, focused on showcasing how our control components help cut costs, improve efficiencies, optimize equipment performance and maximize uptime.

OEMs, institutions, commercial facilities, mechanical contractors and end users are exposed to 40 feet of the latest in Eaton innovations in fully functional, real-world environments. These include HVAC/R, pumping, process industry and machinery applications. The demonstrations are built to simulate some of the day-to-day challenges that users face and provide a variety of options for fixing them.

Our mobile experience includes:

Two environments reflecting our broad capabilities.

1. Commercial
2. Industrial

Four live demonstrations that cover both operation and fault resolutions that are common in each industry.

1. Pumping
2. HVAC/R
3. Material handling
4. Process industry

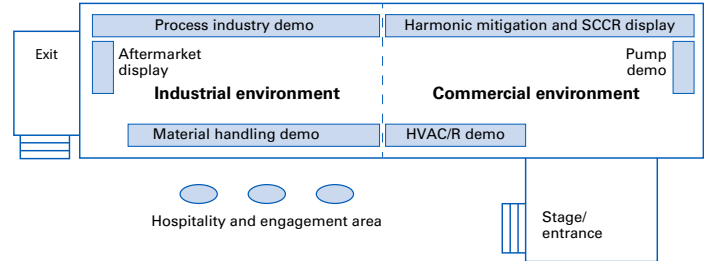
Eight displays that showcase the depth and breadth of our ability to be responsive to customer needs quickly, efficiently and cost-effectively.

1. Harmonic mitigation techniques
2. Power defense molded case circuit breaker solutions
3. Arc flash mitigation solutions
4. The impact of misapplied short-circuit current ratings for control panels
5. HVAC/R component solutions
6. Aftermarket solutions that minimize downtime when upgrades are needed
7. Sensor solutions
8. Services and support from concept to completion of your project

Comprehensive package solutions

Eaton has been serving the power management needs of our customers for more than a century. Over the years, we have expanded our expertise and portfolio of products and services by uniting some of the world's most respected names with Eaton's strong heritage of innovation. The trailer therefore reflects complete packaged solutions that not only include industrial control products, but also our world-class motor control centers and breakers with Busssmann™ series fuses, B-Line™ series support systems and switches, and Crouse-Hinds™ series explosion-proof enclosures. With customers in 175 countries and more than 96,000 employees worldwide, we have experts on the ground to develop more complete and customized solutions to respond to the needs of our customers.

Mobile unit overview



Hands-on demonstrations



Pumping
Valve demonstration



HVAC/R
Heat plate and fire pull demonstrations



Pumping, HVAC/R and conveyor
IoT experience demonstrations



Aftermarket
Universal NEMA AN19 starter kit and FlashGard™ MCC bucket demonstrations



Pumping



Automatic control with real-time monitoring and diagnostics to reduce downtime.

Featuring:

- VFDs with built-in multi-pump control and integrated logic for faster startup
- Overloads and VFDs with advanced protections to detect loss of suction, dead-head and clogged impellers
- HMIs that provide real-time fault alerts and troubleshooting ideas via email or text messages
- Bussmann series fused and non-fused disconnects for safe and reliable operation

HVAC/R



Designed exclusively for HVAC/R applications to minimize cost and significantly improve energy efficiency.

Featuring:

- VFDs with Eaton's patented Active Energy Control® algorithm that provides energy savings of up to 10% above standard drives
- Redundant VFD packages that speed control and communications to maximize uptime
- DH1 enclosed HVAC variable frequency drive
- XT IEC contactors that reduce installation time and energy costs
- B-Line series traditional strut and innovative 4Dimension™ strut saves time during installation and reduces labor costs

Material handling



Maximizing uptime using real-time monitoring and on-board communications.

Featuring:

- Smartwire wiring system that dramatically reduces wiring costs and provides system diagnostics
- XV303 HMI panels with Visual Designer that support advanced gestures and notifications
- Sensors that are robustly designed, versatile and highly reliable
- Electronic motor starters that reduce footprint by up to 80% over traditional starters

Process industry



Motor control products that maintain uptime, improve safety and reduce the cost of integration.

Featuring:

- Communicating advanced motor management relays that provide system intelligence and are easy to configure
- B-Line series cable tray features patented I-beam siderail that optimizes performance
- Explosion-proof enclosures that meet Class 1 Div. 1 requirements
- FlashGard™ MCC bucket provides arc-flash protection for personal safety
- XV102 HMI with Galileo communicating over Ethernet that provides system control and process visibility