

Annual Decatur Industrial Electric March Reliability Summit

Presented by:



**DECATUR
INDUSTRIAL
ELECTRIC**

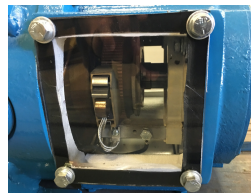
SIEMENS

**Two Classes Offered! Take One or Both!
Above NEMA Motor 101 and DC Motor 101**

Above NEMA Motor 101

Presented by Siemens Engineer!

- New Above NEMA designs,
ex; multi-frame mounting - F3 -
International IEC windings - micalastic
- Lubrication systems and considerations
ex; Forced lube vs oil baths
- Oil vs grease, lube types
- Advantages of Variable Frequency Drives
and effect on WK2 of motor
performance and design
- Sleeve bearing vs ball bearing
- Service factor designs
- Replacement engineering considerations
best practices
- Reliability and durability designs vs cost and
value



DC Motor 101

**Presented by Jeff Meyer,
Director of Industrial Solutions**

- Basics of DC motors
- PM requirements, are we reactive or
proactive?
 - brush wear
 - seating of brushes
 - spring and brush installation
 - spring pressure
 - commutator wear
- Pre- PM walkabout, PM, and post-PM
walkabout
- Reporting
- To megger or not to megger
- Brush design and application consideration
- Repair considerations

When: Thursday, March 21, 2019

Where: Decatur Industrial Electric, 1650 E. Garfield Ave, Decatur, IL 62526

Time: 8:30 AM to Noon* CST

1:00 PM to 4:30 PM * CST

Cost: FREE! Lunch provided.

Register at RSVP@DecaturIndustrial.com or to your Account Manager

****If only taking one class make sure and indicate which class and time frame you are choosing. Depending on final numbers we may have to move some people who signed up for a morning class to an afternoon class or vice versa.***

Note: Min. attendance number to be met for classes to be held. RSVP early!