



Pump & Motor Systems Webinar Description

Pump & motor systems are the mechanical backbone of treatment. Nothing gets done with them. These systems are ever increasing in complexity, making it difficult to understand their problems and how to fix them.

This course covers the rudimentary troubleshooting aspects of AC induction motors and centrifugal pumps. This includes overvoltage & undervoltage, voltage imbalance, insulation breakdown, bearing wear, shaft deflection, couplings, seal failure, impeller problems, and routine maintenance. The biggest technological advancement in pump & motor systems are the VFD's. Today's VFD's are much better, but much more difficult to troubleshoot. We will look at error codes from the VFD's and the different measurements that we can take to diagnose VFD problems.