

## Motor Troubleshooting Webinar Outline

8:00 to 9:20 Basic Motor Theory

Motor Types and Applications

Single Phase & Three Phase Motors

Motor Nameplate Data

9:20 to 9:35 Break

9:35 to 10:45 Motor Speed, Torque, Power and Efficiency

Motor Start Problems Switches and Relays Motor Run Problems

10:45 to 11:00 Break

11:00 to 12:00 Motor Overheating Problems

Motor Protection
Bearing Failure
Motor Testing

12:00 to 1:00 Lunch

1:00 to 2:30 Motor Starters

Variable Frequency Drives

VFD Troubleshooting

Programmable Logic Controllers

PLC Troubleshooting

2:30 to 2:45 Break

2:45 to 3:45 Motor Alignment

Motor Vibration Problems

Vibration Analysis & Thermal Imaging Additional Tips on Motor Troubleshooting