

# TEAM TRAINING

MAINTENANCE & TECHNICAL DEVELOPMENT



[helwigcarbon.com](http://helwigcarbon.com)



- As world renowned experts in the carbon brush and brush holder technology, Helwig offers multiple 1-hour courses designed to train your team on our products, what to look for, how to diagnose, and determine the best course of action.
- Team Training is offered in a couple different ways: your facility, Helwig Corporate or by virtual video meetings.

**We can also put together custom presentations for specific training needs.**

# STANDARD COURSE LIST

- **Brush Maintenance 101** - A complete course designed to explain fundamental principles of a carbon brush and how it relates to commutation with regards to maintenance practices. Other course topics include: the carbon brush as an engineered product, identifying early signs of brush circuit issues, spring pressure and its relation to brush wear, best practices & procedures for changing brushes, holders and springs, commutator surface conditions, and more!
- **VFD Driven Motor Bearing Failures: Causes, Detection & Mitigation** - A comprehensive course geared towards the common side effects of VFD induced shaft currents, how to detect shaft currents and how to properly mitigate them for superior motor performance and reduced maintenance costs. Other course topics include: Bearing Protection Kit selection recommendation, installation best practices, BPK-Probe Test results and common industry product comparisons.
- **Brush Holders & the Performance of the Carbon Brush** - A thorough course that will get into the intricacies of brush holders and how to maintain brush holders for improved performance of the carbon brush. Brush & Holders should be thought of as a dependent pair and both should always be considered in the performance equation. Other course topics include: advantages of Helwig constant force holders, brush holder accessories, common holder & spring problems and how to fix them before they deteriorate brush performance.
- **Other** - If there is another topic you do not see listed here, contact Helwig or your Helwig Representative to determine a custom course designed for your team.

*Courses can be used as Continued Education Units: 1 Hour*

## Virtual Trainings By:



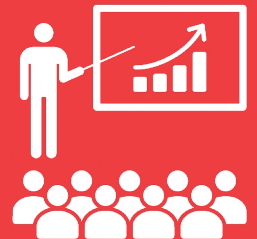
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GoToMeeting



\*Or other video service by request



**Our team of national experts and internal engineers can be available to present and educate at any level of complexity necessary.**

**We look forward to working with your team!**