

Entering Drive Technology – Fast Forward to General Inverter Skills / 走进传动技术——通用变频器技能快进 (MX003)

Objectives

The frequency converter is responsible for continuously delivering electrical energy to the motor, which is an important guarantee for the vitality of a factory. As an industrial heavy equipment, its internal structure is complex, integrating various circuits and having numerous functional parameters. To ensure the reliable operation of the frequency converter, it is necessary to master professional skills. This course uses innovative teaching equipment and content to effectively connect frequency conversion theory with actual frequency conversion products, breaking the long-standing dilemma of difficult integration of theory and practice in frequency conversion applications. Students can systematically master the principles of frequency converters and truly use them correctly.

Target Group

On site debugging personnel, Maintenance and repair personnel, Technical support personnel, Current and newly graduated students, Related personnel who hope to work in the field of driving

Content

■ DIY IGBT trigger circuit and drive circuit

To truly understand and master theoretical knowledge, it is necessary to verify the theory through practice. By hands-on experience and teacher guidance, creating one's own IGBT trigger and drive circuit not only deepens the understanding of the working mechanism of the inverter, but also allows for a sense of achievement.

■ Rich brands of frequency converters

This course changes the situation of using a single brand in the teaching of frequency converter products, and focuses on learning mainstream brands of frequency converters in the market, such as Siemens, ABB, Schneider, and Inovance, which can expand the learning width of frequency converter products and quickly master the general skills in frequency converter debugging and use.

■ Experience guide for troubleshooting

Due to the fact that frequency converters are knowledge intensive products, once a malfunction occurs, it is usually difficult to solve. How to quickly and effectively handle frequency converter faults requires not only mastering the correct methods, but also experience that is hard to come by. In the course, frontline customer service experts in frequency converters will personally analyze and summarize on-site cases, and you will gain valuable experience in troubleshooting.

Prerequisites

None

Type

Face-to-face training

Duration

2 days

Language

zh

Fee

4,800 CNY