

TRAINING

# Technical Training: Electrical



## Elevate electrical expertise to a new level

**Train press operators and maintenance staff to utilize integrated tools for more accurate diagnostic results on the electrical components of the press.**

With manroland's diagnostic innovations, troubleshooting of electrical components can often be facilitated by on-site personnel or with remote assistance from manroland technicians. This is a 32 hour course taught at the customer's facility or at the manroland Print Technology Center in Westmont, Illinois. The course will be taught by a factory-trained instructor with many years of field experience with manroland equipment.

### **Complete training for every aspect of the electrical components**

This course is designed to give the participants a basic electrical overview of the press. Participants of this class will receive training on the systematic procedures used to increase uptime and shorten repair time. Training also includes overviews of electrical systems including the power distribution system, the SPS control system, and the Process control system.

### **Who should attend**

Any plant personnel with responsibilities for electrical troubleshooting are candidates for this technical training. Basic knowledge of digital systems, analog systems, relay logic, press operations, and AC/DC drives are desired. Class size should be limited to five (5) participants per class. ■■

Each manroland press offers not only the best in printing technology, but also includes integrated tools and documentation to improve the press operator's ability to diagnose and troubleshoot electrical components.

#### Advantages

- Effectively navigate the electrical and mechanical drawings and parts manual
- Locate and identify electrical components on the press
- Perform basic troubleshooting of the power distribution, SPS Control, and Process Control systems
- Utilize the portable hand terminal to facilitate troubleshooting
- Perform basic diagnosis using the Last Alarms file
- Perform service/replacement of ink slide positioning motors

#### Additional Features

Each training participant will receive a technical manual covering the course material, including troubleshooting aids.

Learn more about manroland's complete range of training programs by contacting **printservices** today at **1.800.mroland** (800.676.5263) or visit us on the web at **www.manroland.us**

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