Troubleshooting
CONTROL CIRCUITS

Develop a Systematic Troubleshooting Approach with this award-winning, simulation based, training program. Learn new troubleshooting techniques and improve your troubleshooting skills by troubleshooting dozens of faults on this realistic Control Circuit Simulator.
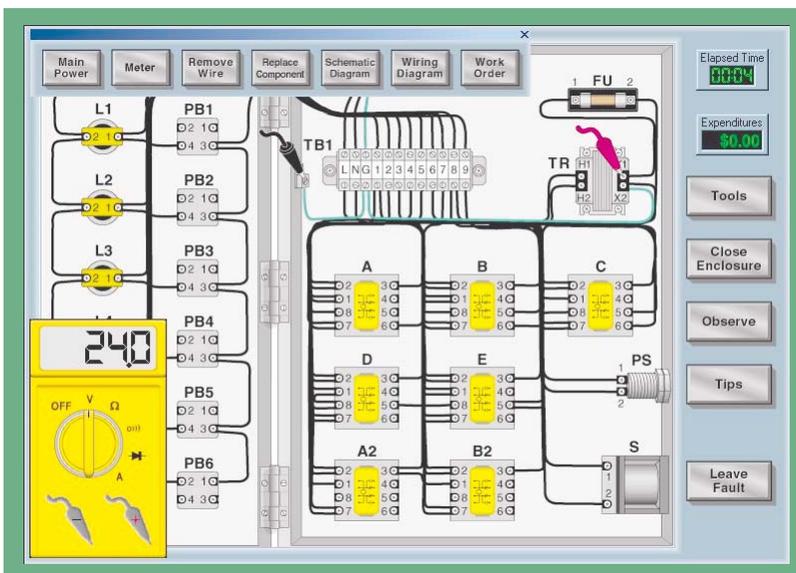
This program contains a simulation of a push button controlled door lock circuit consisting of numerous relays, switches, lights, transformer, solenoid, and a supply which can be "locked-out" to reinforce safe work practices.

While using this program, you are able to perform virtually every operation used on real equipment. For example you can:
- Unlock, open and close the door
- Take voltage and resistance readings
- Open connections
- Repair faults by replacing components and wiring
- Using the observation feature, you can even check for visual or other clues as to the cause of the fault.

Main Simulator Interface

Taking voltage readings inside control panel
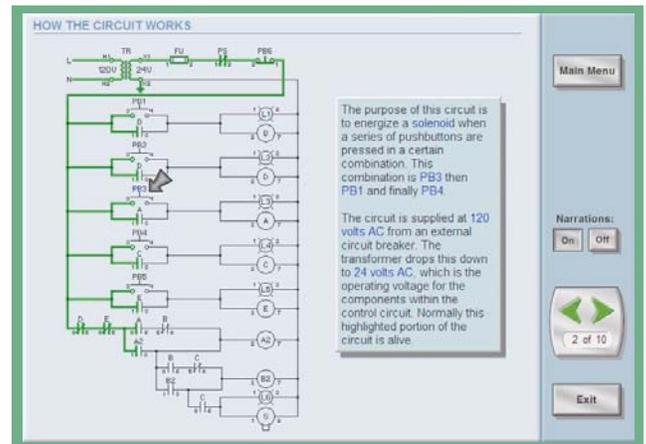
Who Can Benefit

Anyone with some electrical background can benefit from this program. College students and apprentices alike, find this program increases both their knowledge and confidence when troubleshooting electrical circuits.

Seasoned Electrical and Maintenance personnel also benefit by learning new techniques and having ample opportunity to practice and hone their troubleshooting skills resulting in reduced repair costs and downtime of equipment.
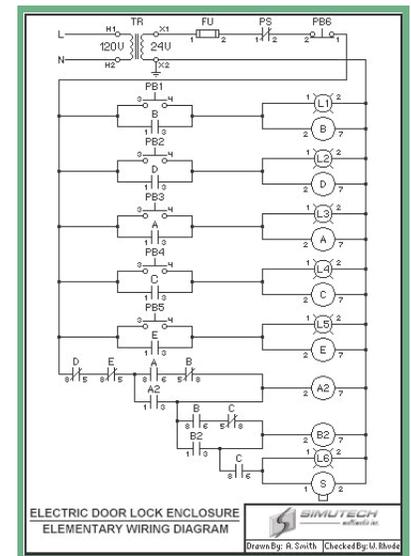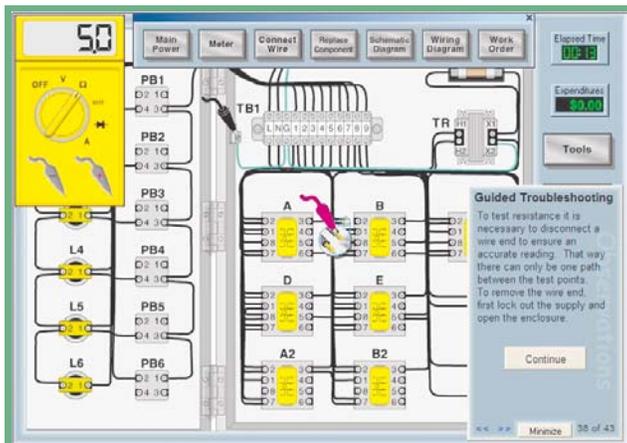
Features

- Safely learn to Troubleshoot Control Circuits with this highly realistic Simulation

- Practical hands on approach with 28 faults to solve with four levels of difficulty

- More faults can be added with Fault Packs

- The program evaluates your troubleshooting results in terms of time and money spent to solve the fault as well as checking for safety violations.

- Several levels of feedback are available while working through the program

- Use an expert's guidance to coach you through the troubleshooting process on three sample faults

- Receive tips when you are really stuck!

- Provides the necessary practice to allow you to hone your troubleshooting skills

- The program can optionally determine your troubleshooting score

- The program generates a variety of reports including a log of every step taken while troubleshooting

- When you have successfully completed all the faults the program will generate a Certificate of Completion

Interface for Learning "How the Circuit Works"

Circuit Schematic

Step by Step Guided Troubleshooting

For more information visit:

Or contact: