

TROUBLESHOOTING CONTROL CIRCUITS

SIMULATION

Troubleshooting Control Circuits (TCC) is the second simulation in our series. Your professionals will diagnose and repair a variety of faults in a simulated control circuit consisting of relays, pushbuttons, a control transformer, a solenoid lock, a proximity switch, and circuit protection.

TCC provides a rich 3D environment where professionals will learn and practice the skills crucial for troubleshooting control circuits. Applications include a variety of industrial settings such as manufacturing production lines, petrochemical facilities, and the utilities and mining sectors.

THE SIMULATION FEATURES

Realistic electro-mechanical door lock control circuit scenario

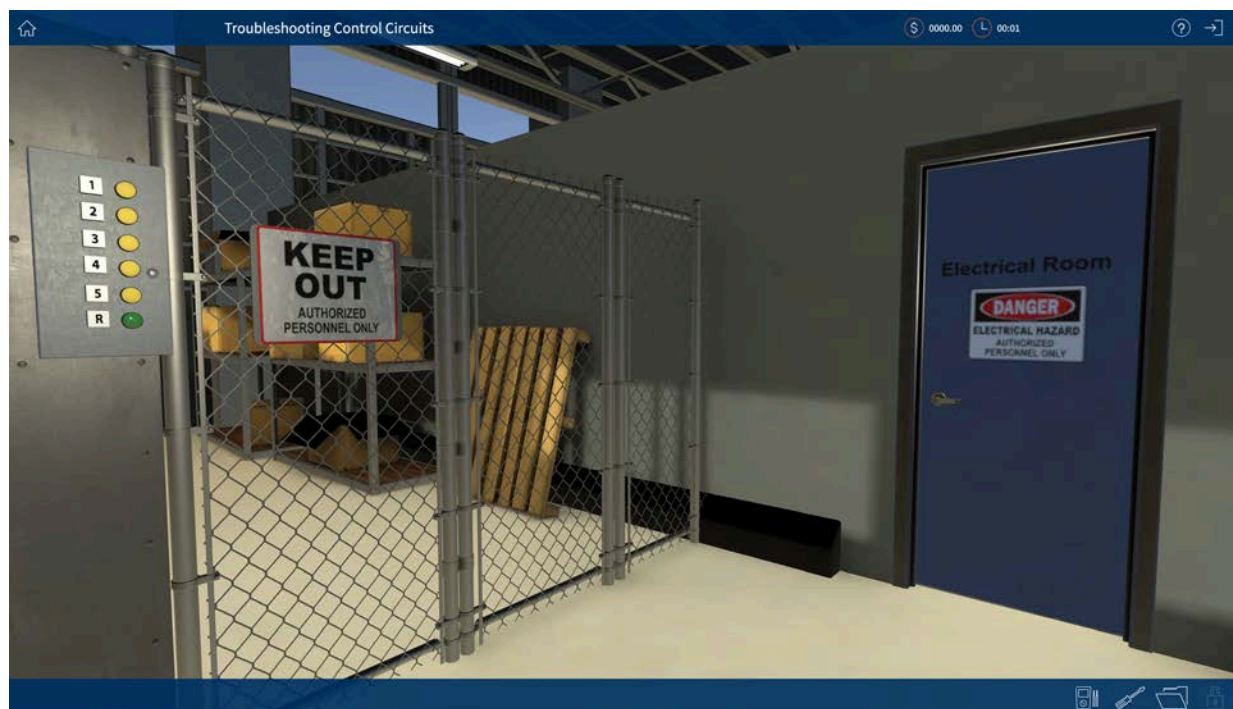
Elements found in typical control circuits (relays, transformers and switches)

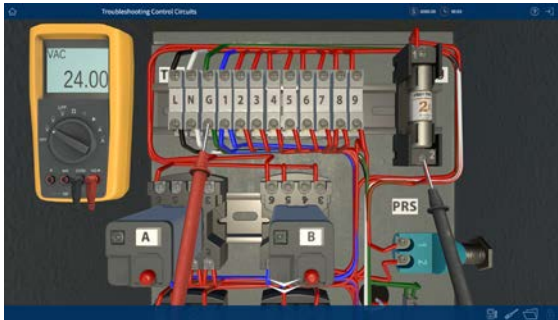
Detailed **3D environment**

Adaptive learning that assesses users' skill levels and customizes the program to the individual's performance

Conformance to **NEMA standards**

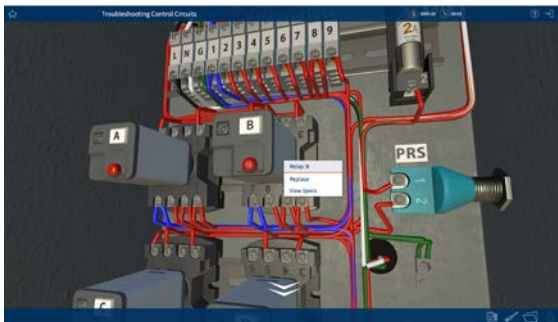
North American and **International** versions





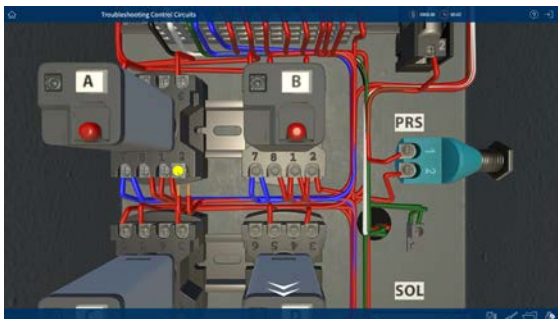
Multimeter workout

In this simulation, your professionals will continue performing and perfecting the essential troubleshooting skills of using the multimeter to take voltage, resistance, and current measurements on a control circuit.



Replace only when necessary

Optimize your maintenance efforts! Your professionals will learn to work smarter by identifying a defective component and replacing only when necessary.



Work with wires

Understanding wiring is key to diagnosing control circuit faults. This simulation will continue to reinforce how to disconnect, trace, and replace faulty wires in an electrical door lock control.