

MaintTest™ Technical Skill Tests

Test Topic Areas



Electrical Question Topic Areas

- DC Circuit Theory
- AC Circuit Theory
- Multimeter Use and Application
- Motor Controllers
- Complex Hardwire Control Print Reading
- Electrical Safety
- Transformer Theory and Installation
- Electrical Protection Principles
- Electrical Symbols
- AC Motor Troubleshooting and Repair
- DC Motor Troubleshooting and Repair
- AC Drive Theory
- PLC Fundamentals
- Industrial Power Distribution
- Industrial Lighting
- Grounding and Grounding Systems

Mechanical Question Topic Areas

- Rolling Element Bearings
- Industrial Hardware and Fasteners
- Lubrication and Oil Analysis
- Hydraulics
- Pneumatics
- Basic Metal Working (Drilling and Tapping)
- Basic Hand Tools
- Machine Shop Equipment and Practices (Lathe and Milling Machine)
- V-Belt Drive Systems
- Chain Drive Systems
- Gears and Gearbox Drive Systems
- Flat Belt Conveyor Systems
- Portable Power Tools
- Industrial Measurement and Measurement Tools
- Couplings
- Gaskets, Packing, and Seals
- Pumps and Pump Repair
- Piping and Piping Repair
- Valves
- Shaft and Coupling Alignment
- Blueprint Reading
- Welding
- Air Compressors
- Aerial Lift Operation and Safety

Building Question Topic Areas

- Basic Carpentry
- Plumbing Repair and Maintenance
- HVAC Troubleshooting, Repair and Maintenance
- Electrical Wiring Troubleshooting and Repair
- Drywall Repair and Maintenance
- Water Heater Maintenance, Troubleshooting and Repair

Each topic area listed above contains 10 questions. A 10-topic test will take a maximum of approximately 1:30 (90 minutes) to complete. All test are delivered online and are instantly graded with the results e-mailed to you on completion. Paper and pencil booklets are also available. Please contact us with any questions.