

Earth ground testers

- Ensuring safety of personnel and proper operation of electrical equipment
- Diagnosing intermittent electrical problems related to poor earth grounding
- Earth resistance loop and soil resistivity testing



- Wide range of tests including simple spot checks to timed tests and breakdown tests
- Insulation resistance testing up to 10 kV
- Use with switchgear, motors, generators and cables



- Verifying and troubleshooting copper and fiber data communications infrastructure.



- Troubleshooting and preventing problems in power generation, transmission and distribution systems
- Conducting load studies to reduce energy usage
- Use with motors, pumps, generators, transformers, compressors and electrical panels



- Quickly locating compressed air, gas and vacuum leak
- Pinpoints location of leak to aid repair
- Validate leak repairs on the spot and document with an image



- Electrical system installation and troubleshooting
- Quick voltage detection
- Environments with both AC and DC (autoVolt)



- Troubleshooting and monitoring indoor air quality systems
- Optimizing HVAC ventilation settings



- Detection of “hot spots” in motors, pumps, VFDs, bearings and wheels
- Inspecting pipes, motors and pumps
- Monitoring of switching heaters



- Identifying root cause and diagnosing severity of machine's condition
- Use with motors, pumps, fans, compressors, belt/chain drives, gearboxes and spindles



- Quickly capturing spot measurements from a distance
- Accurately measuring up to 800 °C



- Calibrating process instruments and sensors, such as pressure or temperature transmitters.
- Troubleshooting and adjusting electrical, temperature, pressure, and other parameters.
- Paperless documentation of calibration workflows



- Ensuring the accuracy and quality of electrical, temperature, pressure and flow measurements for facilities maintenance solutions tools



For more
information, visit
www.FlukeCal.com

- Built with the same attention to safety, reliability and accuracy as our test tools.
- Expand the capabilities of your test tools while protecting them on the go.



Fluke makes reliable, rugged and accurate tools to maintain electromechanical systems, motors, pumps, electrical distribution systems and more to keep your world up and running.

Maintenance Manager

Issues faced:

- Ensuring equipment uptime and prevent failure
- Maintaining building facility readiness
- Staying within budget
- Safety of technical personnel

Fluke solutions:

- Thermal imagers
- Acoustic imagers
- Vibration testers
- Power logger
- Clamp meters
- Battery analyzers
- Calibrators*

Maintenance Technician

Issues faced:

- Meeting equipment standards and specifications
- Preventative maintenance
- Determining optimal machinery placements
- Maintaining HVAC system up and running

Fluke solutions:

- ▲ Process calibrators
- ▲ Process test tools
- Digital multimeters
- Power loggers
- Clamp meters
- Insulation multimeters
- Battery analyzers
- Thermal imagers
- Acoustic imagers
- Vibration testers
- + Temperature humidity meters
- + Airborne particle counters
- Calibrators*

*Regularly calibrate the tools used to ensure they are working within their specifications

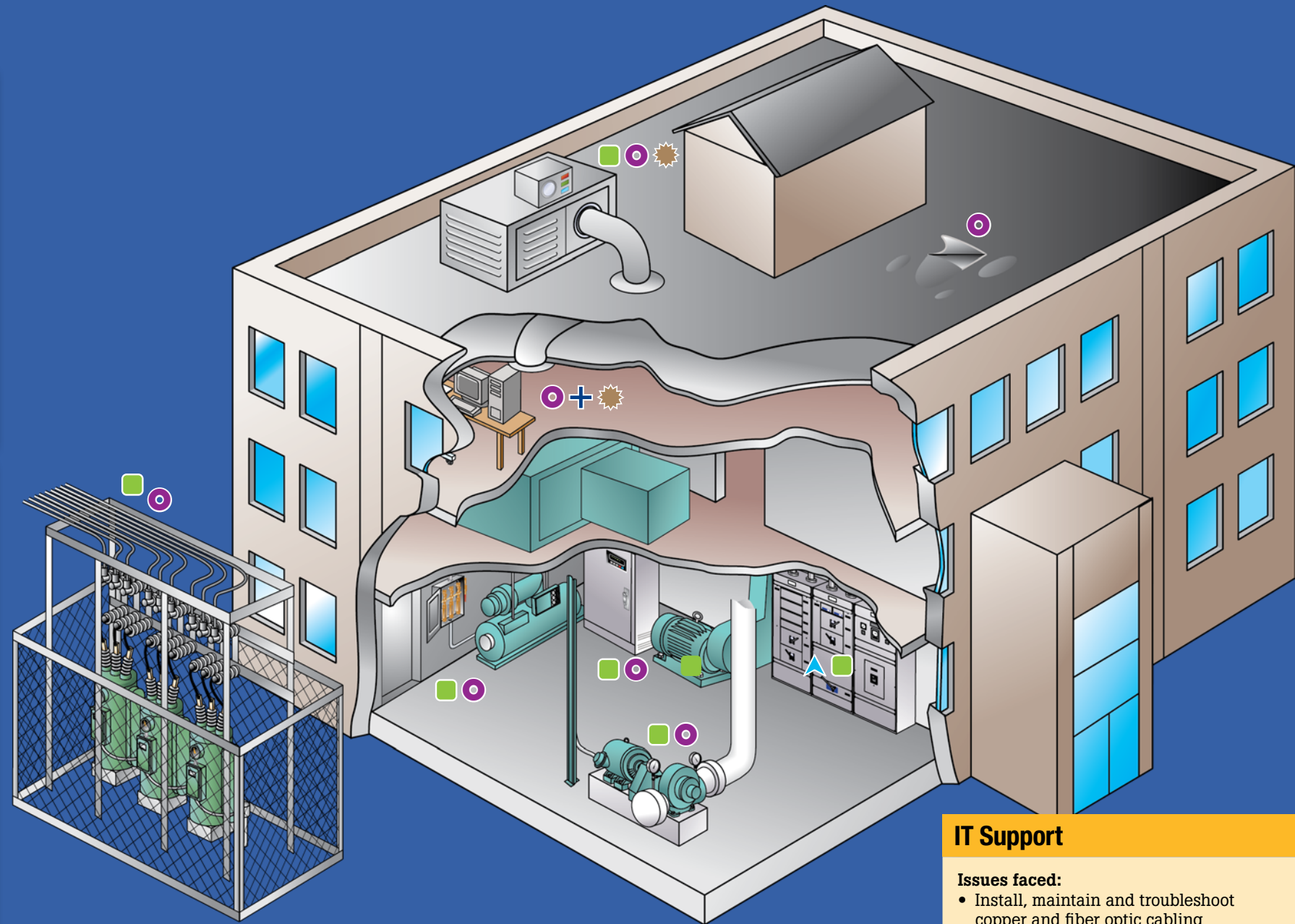


Diagram is not intended to be an exact representation.
Diagram components are not to scale and are for illustration purposes only.

Electrical Technician

Issues faced:

- Commission, inspect, study and troubleshoot electrical distribution system
- Prevent electrical system interruption
- Preventive maintenance and electrical repair
- Install, maintain and troubleshoot low-voltage wiring for security, control and A/V systems.

Fluke solutions:

- 🌀 Thermal imagers
- 🌀 Vibration testers
- 🟢 Power logger
- 🟢 Clamp meters
- 🟢 Digital multimeters
- 🟢 Electrical testers
- 🟢 Earth ground testers
- 🟢 Insulation multimeter
- 🟢 Battery analyzers
- ☀ Cable testers
- 🔵 Calibrators*

Mechanical Technician

Issues faced:

- Preventive maintenance and mechanical asset uptime
- Installation and maintenance of mechanical systems
- Troubleshooting emergent issues

Fluke solutions:

- ▲ Process test tools
- Digital multimeters
- Electrical testers
- Clamp meters
- Insulation multimeter
- Battery analyzers
- Infrared thermometers
- Acoustic imagers
- Vibration testers
- Calibrators*

IT Support

Issues faced:

- Install, maintain and troubleshoot copper and fiber optic cabling
- Pinpoint cable defects and ensure system viability

Fluke solutions:

- ☀ Cable and Network Testers, Industrial Ethernet Tester

Facilities maintenance solutions

Learn how Fluke solutions can save you time and money while increasing efficiency and safety at www.fluke.com

Network tools			Process Calibration		Electrical Testing							Thermal, Acoustic, and Vibration					Air Quality	
FLUKE networks	Cable and Industrial Ethernet Testers		Process calibrators	Process test tools	Battery analyzer	Motor drive analyzer	Power loggers	Clamp meters	Insulation multimeters	Earth ground testers	Electrical testers	Digital multimeters	Thermal imagers	Acoustic imagers	Infrared thermometers	Vibration tools	Temperature humidity meters	Airborne particle counters
																		
MicroScanner™2	CableAnalyzer™ DSX-8000	LinkIQ and LinkIQ-IE	754	773	BT521 ANG	MDA-550-III	1738	378FC	1587FC	1630-2 FC	T6-1000 PRO	179	Ti401 Pro TiS60+	ii910	568	805 FC 810	971	985