Facilities Maintenance Solutions

Fluke solutions for facilities maintenance professionals

Facilities maintenance personnel face a wide range of challenges, from electrical and mechanical equipment uptime to overall safety concerns. It’s critical to maintain facilities and the associated assets at peak performance.

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.
Facilities maintenance solutions

**Maintenance Manager**

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

**Fluke solutions:**
- Fluke Connect®
- Infrared cameras
- Vibration testers
- Power quality analyzers
- Clamp meters

**Maintenance Technician**

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

**Fluke solutions:**
- Fluke Connect
- Process calibrators
- Process test tools
- Digital multimeters
- Power loggers
- Clamp meters
- Insulation multimeters
- Thermal imagers
- Vibration testers
- Temperature humidity meters
- Airborne particle counters

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**Process Calibration Tools**

<table>
<thead>
<tr>
<th>Process calibrators</th>
<th>Process test tools</th>
<th>Power quality analyzers</th>
<th>Handheld oscilloscopes</th>
<th>Power loggers</th>
<th>Clamp meters</th>
<th>Insulation multimeters</th>
<th>Earth ground testers</th>
<th>Electrical testers</th>
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<tbody>
<tr>
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Facilities maintenance solutions

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

**Mechanical Technician**

**Issues faced:**
- Preventive maintenance and mechanical asset uptime
- Installation and maintenance of mechanical systems
- Troubleshooting emergent issues

**Fluke solutions:**
- Process test tools
- Fluke Connect®
- Digital multimeters
- Electrical testers
- Clamp meters
- Power quality analyzers
- Earth ground testers
- Infrared thermometers
- Vibration testers
- Insulation multimeter
- Power loggers

**Electrical Technician**

**Issues faced:**
- Commission, inspect, study and troubleshoot electrical distribution system
- Prevent electrical system interruption
- Preventive maintenance and electrical repair

**Fluke solutions:**
- Fluke Connect®
- Infrared cameras
- Vibration testers
- Electrical testers
- Clamp meters
- Earth ground testers
- Power quality analyzers
- Power loggers
- Insulation multimeter
- Electrical testers
- Digital multimeters
- Infrared thermometers
- Vibration tools

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**Infrared and Vibration Tools**

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<tr>
<th>Digital multimeters</th>
<th>Thermal imagers expert</th>
<th>Thermal imagers professional</th>
<th>Infrared thermometers</th>
<th>Vibration tools</th>
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**Air quality**

<table>
<thead>
<tr>
<th>Temperature humidity meters</th>
<th>Airborne particle counters</th>
<th>Fluke Connect® Assets</th>
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**Software**

<table>
<thead>
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<th>Fluke Connect®</th>
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<td>Assets</td>
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Diagram is not intended to be an exact representation. Diagram components are not to scale and are for illustration purposes only.
Recommended facilities maintenance solutions

Fluke Connect
Best suited for:
- Simplifying preventive maintenance programs
- Seamlessly integrating tool data into software
- Diagnosing asset health in the field
- Cloud-based data sharing

Earth ground testers
Best suited for:
- 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

Power quality analyzers
Best suited for:
- 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

Insulation multimeters
Best suited for:
- 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

Digital multimeters
Best suited for:
- Electrical system installation and troubleshooting
- Quick voltage detection
- Environments with both AC and DC (autoVolt) or ghost voltages

Indoor air quality
Best suited for:
- Troubleshooting and monitoring indoor air quality systems
- Optimizing HVAC ventilation settings

Thermal imagers
Best suited for:
- Detection of “hot spots” in motors, pumps, VFDs, bearings and wheels
- Inspecting pipes, motors and pumps
- Monitoring of switching heaters

Infrared thermometers
Best suited for:
- Quickly capturing spot measurements from a distance
- Accurately measuring up to 800 °C

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- Ensuring safety of personnel and proper operation of electrical equipment
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