Building products manufacturing

Fluke solutions for building products manufacturing professionals.

In the building products trade, keeping costs down to remain competitive is a constant challenge. Operation efficiency, maximizing production time and eliminating waste are critical to success. Monitor all critical processes proactively to ensure success.

Fluke solutions are rugged and reliable. Optimize field services, facilities maintenance, electromechanical systems, motors, drives and all electrical networks with tools that help you keep up and running.
**Maintenance Supervisor**

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

**Fluke solutions:**
- Fluke Connect®
- Infrared cameras
- Power quality analyzers
- Handheld oscilloscopes
- Digital multimeters
- Multifunction process calibrators

**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 thermometers
- Power loggers
- Power quality analyzers
- Clamp meters
- Handheld oscilloscopes
- Digital multimeters
- Insulation multimeters

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**Building products manufacturing solutions**

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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.

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

**Infrared Tools**

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**Mechanical Technician**

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

**Fluke solutions:**
- Fluke Connect®
- Infrared cameras
- Infrared thermometers
- Insulation multimeters
- Clamp meters
- Digital multimeters

**Plant Engineer**

**Issues faced:**
- Maximizing uptime
- Prevent system interruption
- Maintain plant and personnel safety

**Fluke solutions:**
- Fluke Connect®
- Infrared cameras
- Earth ground testers
- Power quality analyzers
- Clamp meters
- Handheld oscilloscopes
- Digital multimeters
- Multifunction process calibrators
- Process test tools
Recommended building products manufacturing 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 1 kV
- Use with motors, generators and cables

Digital multimeters
Best suited for:
- Electrical system installation and troubleshooting
- Detect hot spots of high-voltage equipment, and detect heating of fuses, wires, insulators, connectors, splices and switches.
- Environments with both AC and DC (auto-Volt) or ghost voltages

Clamp meters
Best suited for:
- Verifying the presence of load current, AC/DC voltage and continuity
- Measuring 1000 A AC/DC (2500 A AC with iFlex) in motors, pumps, compressors, fans, blowers, vaults and bus bars

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

Handheld oscilloscopes
Best suited for:
- Installing and maintaining electronic industrial equipment out in the field
- Diagnosing industrial machinery, automation and process controls and power electronics

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

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