

Recommended mining solutions

Power loggers

Best suited for: ■

- Capturing and logging over 500 power quality parameters
- Troubleshooting and performing advanced analysis on power quality issues
- Energy surveys to determine sources of electrical energy waste



Thermal imagers

Best suited for: ●

- Detection of “hot spots” on electrical panels, motors, VFDs, bearing and conveyor belts
- Measuring and observing temperature in hazardous or inaccessible areas
- Condition inspection of mining machine hydraulics and tracks



Power quality analyzers

Best suited for: ■

- Identifying relevant power quality events, like harmonics and high speed transients, to minimise unscheduled interruptions to the operations
- At a glance power quality health for faster troubleshooting
- Use with electrical panels, conveyor systems, generators, transformers



Multifunction process calibrators

Best suited for: ▲

- Calibrating and maintaining process instrumentation and control systems
- Troubleshooting 4–20 mA loops, temperature, pressure, frequency and transmitters in one tool
- Performing HART transmitter adjustment



Motor Drive Analyzer

Best suited for: ■

- Easily diagnose problems and keep VSD systems up and running in peak condition
- Guided testing with graphical step by step connection diagrams
- Preset measurement profiles reduce setup complexity



Vibration tester

Best suited for: ●

- Predictive and conditionbased maintenance
- Identifying root cause and diagnosing severity of machine’s condition
- Prioritizing critical repair and replacement options
- Use with motors, pumps, fans, compressors, belt/chain drives, gearboxes and spindles



Insulation multimeters

Best suited for: ■

- Insulation resistance tests
- Troubleshooting and preventive maintenance



Acoustic Imager

Best suited for: ◆

- Improve reliability by ensuring proper air pressure to the pneumatic equipment
- Reduce leak detection time and lower wasted energy costs
- Locate air, gas and vacuum leaks even in a noisy environment



Mining Solutions

Fluke. Keeping your world up and running.®

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Scan QR code to speak with a Fluke specialist

Fluke solutions for mining, engineering, and maintenance professionals.

The mining industry covers a wide range of operations, both above and below ground, such as coal, precious metals, non-precious metals, other minerals, and aggregates, sand and stone. People who work in the mining industry know how unforgiving and potentially dangerous these environments can be. It is critical to maintain stable, continuous operations without sacrificing safety or quality.

Fluke makes rugged, reliable, quality tools mining professionals can count on. Tools designed for the mining environment, the professionals who work there, and the challenges they face every day.

Electrical Engineer

Issues faced:

- System maintenance and testing
- Consistent, quality power delivery from utility or local power generation
- Building, system, and machine downtime prevention

Best suited for:

- ▲ Multifunction process calibrators
- ▲ Process test tools
- ▲ Pressure gauges and calibrators
- Power quality analyzers
- Insulation testers
- Earth ground testers
- Digital multimeters
- Motor drive analyzer
- Insulation multimeters

Maintenance Engineer

Issues faced:

- Uptime of systems and equipment
- Quality control
- Maintenance expense
- Personnel safety

Best suited for:

- ◆ Acoustic imager
- Power quality analyzers
- Digital multimeters
- Thermal imagers
- Vibration tester

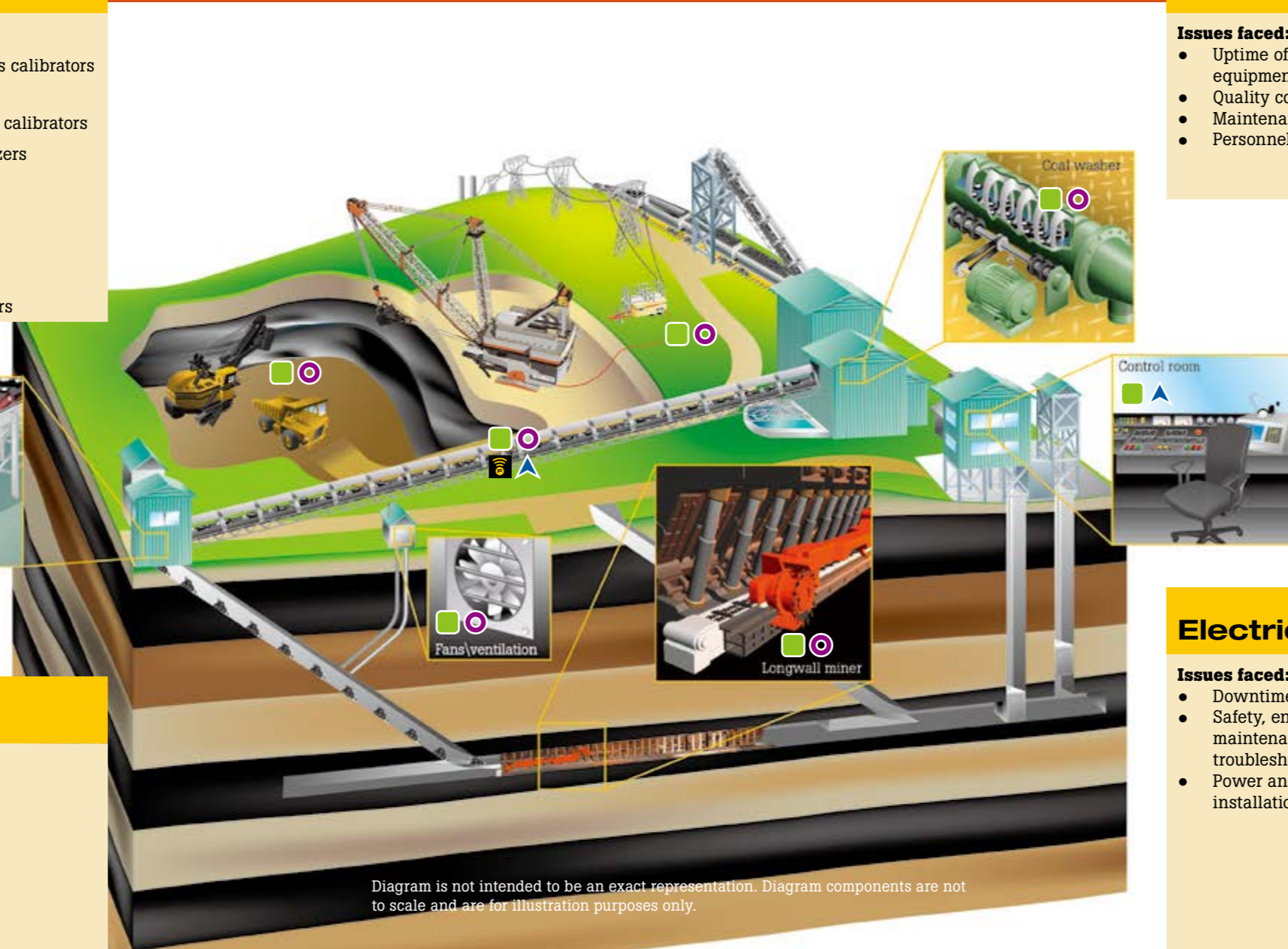
Mechanical Engineer

Issues faced:

- Equipment installation
- Preventative maintenance, and repairs
- Determining optimal machinery replacements

Best suited for:

- Motor drive analyzer
- Thermal imagers
- Vibration tester



Electrician

Issues faced:

- Downtime prevention
- Safety, energy maintenance, and troubleshooting
- Power and control installation

Best suited for:

- ◆ Acoustic imager
- Power quality analyzers
- Insulation multimeters
- Insulation testers
- Clamp meters
- Digital multimeters
- Power loggers
- Motor drive analyzer
- Infrared windows

Fluke mining solutions

Fluke offers a full line of test and measurement solutions for the mining industry. Go to www.fluke.com for detailed information on these products and all the Fluke mining industry solutions.

Process Calibration Tools					Electrical Test Tools							Infrared and Vibration Tools				Acoustic Imager	
Process calibrators	Pressure testing	Pressure tools	Process test tools	Power quality analyzers	Earth ground testers	Power loggers	Clamp meters	Insulation multimeters	Insulation testers	Motor drive analyzer	Digital multimeters	Thermal imagers expert	Thermal imagers professional	Infrared windows	Vibration tester	Acoustic Imager	
754	725	700G	729 PRO	773	1777	1625-2 KIT	1738	376	1587	1555	MDA-550-III	28II Ex	TiX580	Ti480 PRO	CV Series	810	ii900