

Insulation Resistance Testing

Turn insulation resistance testing into a fast, digital, no-rework workflow.

In electrical construction and commissioning

Critical electrical tests are still **manual and inconsistent**, with results handwritten or buried in spreadsheets. Failures may be **missed or reported late**, **QC witnessing slows progress**, and **documentation may be incomplete**. Missing records lead to **retests, rework, and delays**. Safety hazards of improper testing include **arc flashes, thermal damage, and electrical fires**.

Up to
20%
of total project
cost is rework*

Up to
60%
of issues stem from
documentation errors**

1,000+
pages of turnover
documentation
per project

Insulation Resistance Testing with Cumulus

Sample
Report



- Auto-captures IR results directly from devices
- Enforces standardized workflows so there are no skipped steps
- Provides real-time QA/QC visibility
- Generates instant turnover reports
- Auto-creates failure tickets so issues are flagged fast.

*Construction Industry Institute **Elsevier

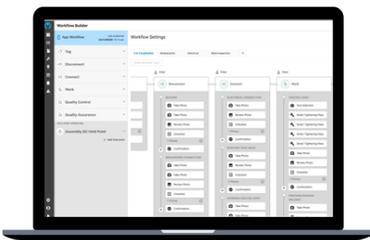
Quality. Safety. Readiness.

Cumulus digitizes and standardizes industrial work so construction, installation, testing, and maintenance tasks are done right the first time with full traceability. We help teams cut rework, improve quality, and deliver complex projects with confidence.

Over
60%
cost reduction
in QC and
data review

7M+
Work
completions
tracked

Over
50%
reduction in
rework rates



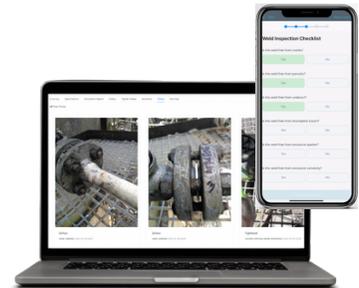
Digitize Workflows

Replace paper-based QA/QC with guided digital procedures



Capture Field Data

Guide field workers and collect data from connected bluetooth tools



Verify Work Quality

Track work in real-time, enforce procedures and generate automated reports



Eliminate paper-based workflows & manual documentation



Enforce step-by-step procedure adherence



Full audit trail of every action performed in the field



Identify issues before they become costly mistakes