

Quality Assurance Plan + QA Log

Sample QA controls and log entries for remote installations

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Sample / Mock Project - For portfolio demonstration only.
No real client, personal, or confidential data is included.

1. QA Objectives

- Confirm readiness before installation.
- Ensure correct methods during installation.
- Validate documentation quality and completeness after installation.

2. QA Stages and Controls

Stage	Control	Method	Evidence
Pre-Install	Materials verification	Checklist review	Signed checklist
Pre-Install	Site readiness	Photo review + assessment	Assessment form + photos
During	Correct wiring polarity	Visual + multimeter check	Voltage reading
During	Cable management	Inspection	Photos of routing
During	Mount stability	Physical check	Mount photos + notes
Post-Install	Connectivity testing	Speed/latency test	Test sheet
Post-Install	Power stability	Voltage/charge test	Voltage log
Post-Install	Documentation completeness	Folder audit	Handover pack

3. QA Log (Sample Data - 10 Entries)

Log ID	Site Code	Date	Stage	Item Checked	Result	Remarks
QA-0001	SITE-A	2025-01-10	Pre	Materials complete	PASS	All items available; counts verified
QA-0002	SITE-A	2025-01-10	Pre	Sky visibility	PASS	No obstruction detected
QA-0003	SITE-A	2025-01-10	During	Wiring polarity	PASS	Polarity verified before energizing
QA-0004	SITE-A	2025-01-10	During	Cable management	PASS	Conduit + drip loop installed
QA-0005	SITE-A	2025-01-10	Post	Speed test	PASS	128/18 Mbps; 29 ms latency
QA-0006	SITE-B	2025-01-15	Pre	Site readiness	PASS	Mount location approved
QA-0007	SITE-B	2025-01-15	During	Mount stability	PASS	Torque check completed
QA-0008	SITE-B	2025-01-15	Post	Voltage stability	PASS	12.6V to 12.9V stable
QA-0009	SITE-C	2025-01-20	Pre	Materials complete	PASS	Spare fuse included
QA-0010	SITE-C	2025-01-20	Post	Documentation audit	PASS	All forms uploaded; privacy-safe