

Cell Site Maintenance Checklist

Use this template to preventive maintenance checklist for radio, power, backhaul, and shelter assets.

Template Metadata

| Field | Details |
|----------------|--|
| Category | Telecom |
| Owner | [Team or owner] |
| Version | [Version number] |
| Effective Date | [Date] |
| Review Cycle | [Monthly / Quarterly / Annual / Event-based] |
| Status | [Draft / In Review / Approved] |

Site Details

Record site ID, location, access method, visit date, technician, and network technology.

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

Safety & Access

List climb requirements, RF exposure controls, permits, weather constraints, and site security checks.

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

Radio & Antenna Checks

Inspect RRUs, antennas, jumpers, VSWR alarms, RET settings, and sector labeling.

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

Power & Environmental Systems

Check rectifiers, batteries, generator, grounding, HVAC, temperature, and alarms.

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

Backhaul & Transport

Verify fiber, microwave, switch ports, timing source, and throughput alarms.

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

Findings & Corrective Actions

Document defects, severity, photos, owner, and due date. Use checkboxes and status values suitable for field technicians.

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

| Item | Details | Owner | Status |
|-----------------------|---|---------|-------------------|
| [Item or requirement] | [Describe the relevant detail, evidence, or decision] | [Owner] | [Open / Complete] |

Notes

[Add context, assumptions, exceptions, evidence links, screenshots, calculations, or reviewer comments.]

Review and Signoff

Document review conclusions, approvals, unresolved items, and next review date.

| Role | Name | Date | Notes |
|----------|--------|--------|---------|
| Preparer | [Name] | [Date] | [Notes] |
| Reviewer | [Name] | [Date] | [Notes] |
| Approver | [Name] | [Date] | [Notes] |