OT audit

Prepare an evidence-based audit that protects production and safety.

Printable workpaper. The detailed guide and all scenario branches are in the Markdown file.

Manufacturing, energy and building control. Consider active tests only with written authorization, plant approval, a suitable window and rollback.

Process and expected evidence

1. Define boundaries and safety

Approved scope and stop authority

2. Establish passive visibility

Asset and dependency map

3. Trace paths and changes

Access path and change trail

4. Validate recoverability

Restore test and dependency list

5. Close with the plant

Owned action and safe retest

Work record

Scope / date:
Business / technical owner:
Decision and rationale:
Evidence reference / retest:

Example and closure

Fictional example; not evidence of actual work.

Asset: OT-001

Critical process: Example filling line

Safety impact: Unplanned stop risk

Access path: Supplier maintenance gateway

Observation: Second persistent path

Control: Approved window and isolation

Owner: Plant OT owner

Retest: Passive flow + session check

Closure checklist

[ ] Plant and safety approval exists.

[ ] Active methods separately authorized.

[ ] All remote-access paths reviewed.

[ ] Recovery is not inferred from file presence.

Official sources

NIST SP 800-82 Rev. 3 — Final

https://csrc.nist.gov/pubs/sp/800/82/r3/final

NIST SP 800-82 Rev. 4 — Initial public draft, September 2026

https://csrc.nist.gov/pubs/sp/800/82/r4/ipd