

Cleanroom HVAC Inspection Workflow: Validated Process For GMP Compliance



▶ **Start**

Start of the Workflow/Process.

 **1. Get Current Inspection Details**

Retrieves the specific cleanroom area and scheduled inspection records.

 **2. Assign Inspection Tasks to Technicians**

Automatically create and assign necessary inspection tasks to relevant personnel.

 **3. Generate Corrective Action Tasks**

Create follow-up tasks for any identified non-conformances (NCs).

 **4. Record Inspection Findings (Data Entry)**

Form for technicians to enter objective data (readings, observations) for the physical inspection.

 **5. Retrieve Equipment Calibration Data**

Fetches associated calibration records for key HVAC components.

 **6. Mark Inspection Item as Complete**

Updates the status of individual inspection checklist items (Pass/Fail/N/A).

 **7. Calculate Total Non-Conformance Count**

Aggregates the total number of failures from all recorded inspection entries.

 **8. Generate Comprehensive Inspection Report**

Compiles all gathered data, findings, and actions into a final, exportable report.

 **9. Notify Supervisor of Completed Inspection**

Sends confirmation email to the supervising manager with the inspection summary.

 **10. Alert Manager of Critical Failure**

Sends instant SMS alert if critical safety or compliance failures are detected during inspection.

 **11. Calculate Overall Pass Rate**

Calculates the percentage of passed items versus total items inspected.

 **End**

Start of the Workflow/Process.