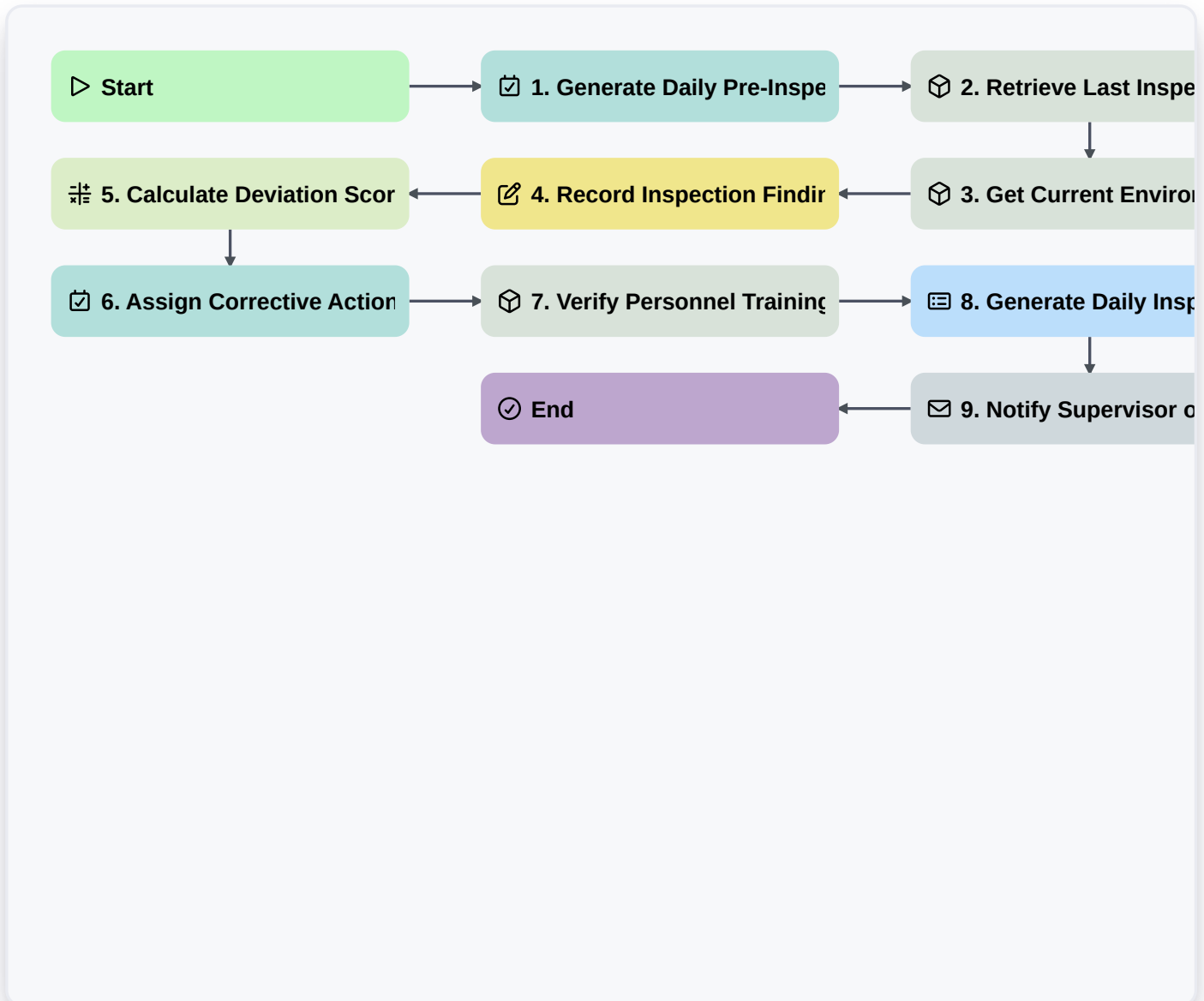


Cleanroom Inspection Workflow: HVAC & GMP Compliance Management



▷ Start

Start of the Workflow/Process.

☑ 1. Generate Daily Pre-Inspection Checklist

Create tasks for assigned inspectors for all required daily checks before entering the cleanroom area.

📦 2. Retrieve Last Inspection Data

Fetch previous inspection results, associated equipment, and deviations for comparison.

📦 3. Get Current Environmental Readings

Pull real-time data for required parameters like differential pressure, temperature, and humidity from HVAC sensors.

📝 4. Record Inspection Findings

Update the inspection record with findings, observations, and completion status for each checklist item.

⚙️ 5. Calculate Deviation Score

Execute a formula to calculate a severity or risk score based on multiple failed checks.

✔ **6. Assign Corrective Action Tasks**

Automatically generate follow-up tasks for immediate corrective actions required during the inspection.

📦 **7. Verify Personnel Training Status**

Check user permissions and latest training records against required roles for cleanroom access.

📄 **8. Generate Daily Inspection Report**

Compile all inspection data, corrective actions, and environmental readings into a final, auditable report.

✉ **9. Notify Supervisor of Issues**

Send automated email alerts to the supervisor upon identifying critical non-conformances.

🏁 **End**

Start of the Workflow/Process.