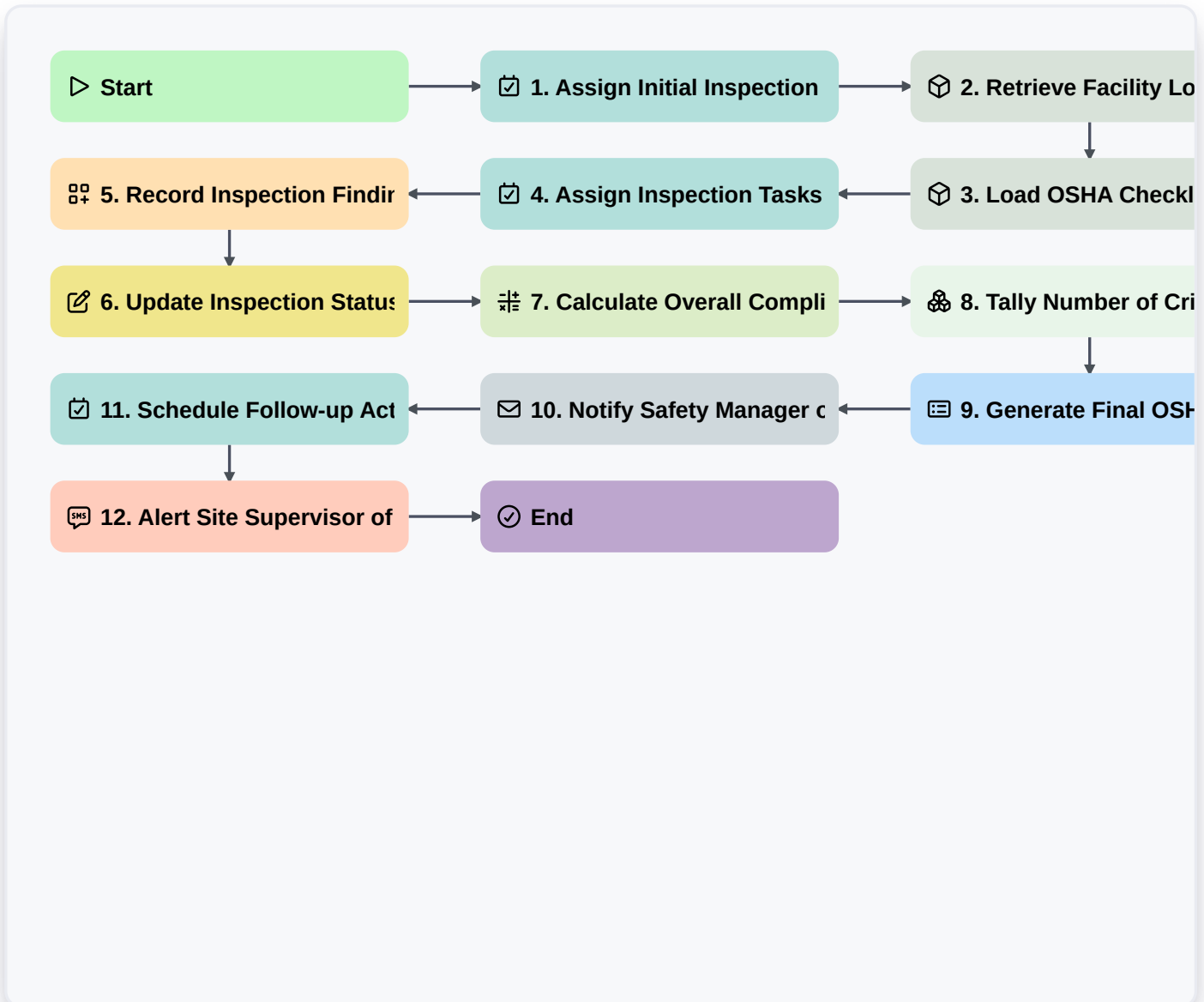


## Safety Inspection Workflow: OSHA & Workplace Compliance Management



### Start

Start of the Workflow/Process.

### 1. Assign Initial Inspection Tasks

Creates tasks for all necessary personnel based on the facility type and inspection scope.

### 2. Retrieve Facility Location Data

Fetches facility details (address, risk level, last inspection date) from the facility data model.

### 3. Load OSHA Checklist Items

Retrieves the comprehensive, up-to-date OSHA compliance checklist items.

### 4. Assign Inspection Tasks to Crew Members

Assigns individual inspection tasks (e.g., Electrical, Fire Safety, PPE) to specific crew members.

### 5. Record Inspection Findings

Allows inspectors to create new findings entries, capturing non-compliance observations, photos, and remediation recommendations.

## **6. Update Inspection Status**

Updates the master inspection record status (e.g., Pending Review, Passed, Failed) upon completion.

## **7. Calculate Overall Compliance Score**

Calculates a final compliance score based on the number of open findings vs. total checklist items.

## **8. Tally Number of Critical Violations**

Aggregates entries to count all findings marked as 'Critical' for immediate attention.

## **9. Generate Final OSHA Compliance Report**

Compiles all findings, associated tasks, and calculations into a comprehensive, downloadable compliance report.

## **10. Notify Safety Manager of Urgent Findings**

Sends an email alert to the Safety Manager if any critical violations are logged during inspection.

## **11. Schedule Follow-up Action Items**

Automatically creates follow-up tasks for corrective actions identified during the inspection.

## **12. Alert Site Supervisor of Immediate Hazard**

Sends an SMS notification to the site supervisor if an immediate, high-risk hazard is documented.

## **End**

Start of the Workflow/Process.