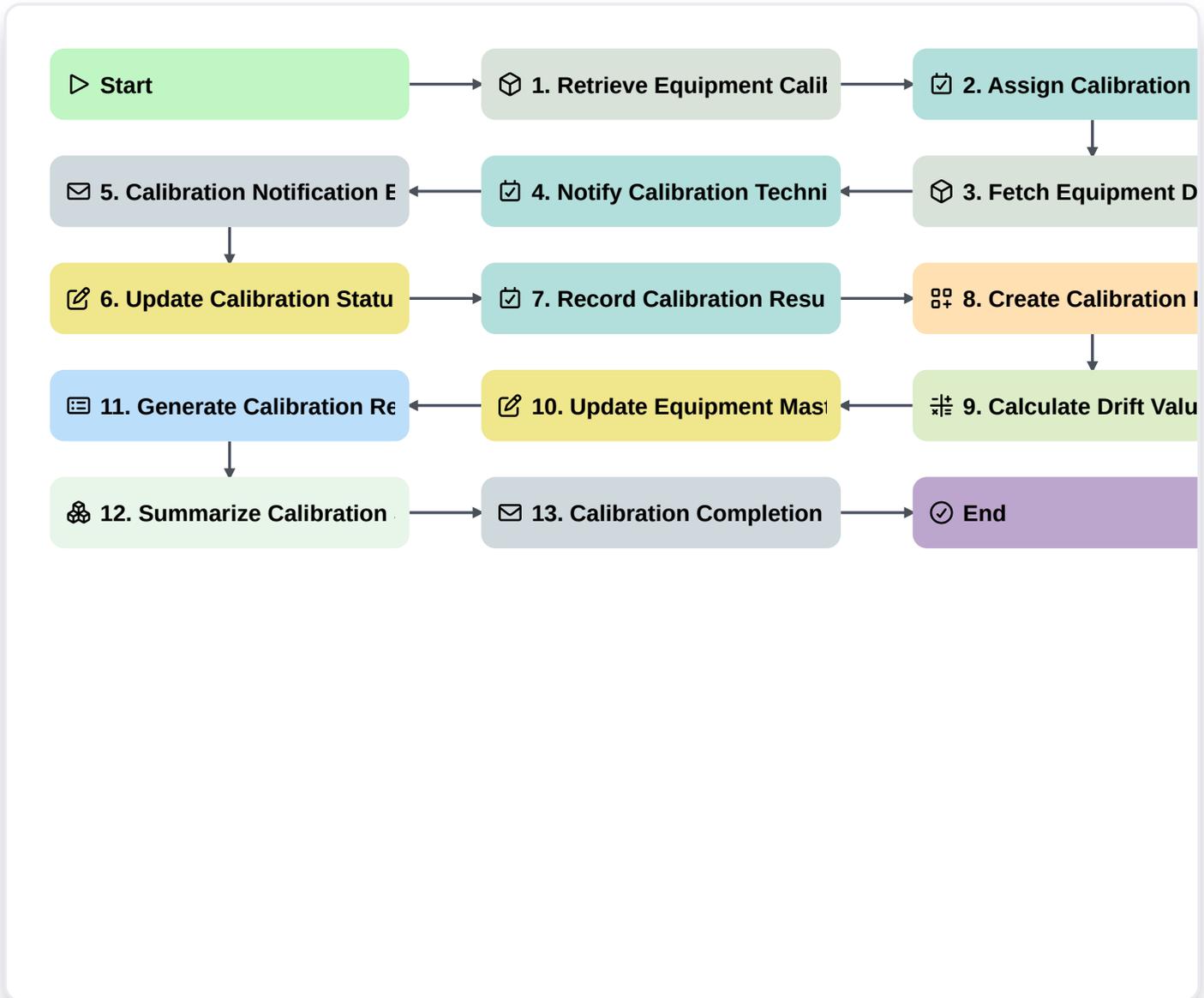


# Calibration Management Workflow For Manufacturing Equipment



▷ **Start**

Start of the Workflow/Process.

 **1. Retrieve Equipment Calibration Schedule**

Get upcoming calibration tasks from the Equipment Calibration Schedule data model.

 **2. Assign Calibration Task**

Create a task assigned to the appropriate technician based on equipment type and availability.

 **3. Fetch Equipment Details**

Retrieve relevant equipment details (model, serial number, last calibration date) from the Equipment Master Data.

 **4. Notify Calibration Technician**

Create a task to send a notification to the assigned technician.

 **5. Calibration Notification Email**

Send an email to the technician with details of the calibration task.

## **6. Update Calibration Status**

Update the status of the calibration record (e.g., 'Scheduled', 'In Progress', 'Completed').

## **7. Record Calibration Results**

Create a task for the technician to record calibration results.

## **8. Create Calibration Result Entry**

Create an entry in the Calibration Results data model to store results.

## **9. Calculate Drift Value**

Calculate drift value based on initial and calibrated readings.

## **10. Update Equipment Master Data**

Update the Equipment Master Data with new calibration date and results.

## **11. Generate Calibration Report**

Create a report summarizing calibration results for audit trails.

## **12. Summarize Calibration Status**

Aggregate calibration entries to show the number of calibrations due, in progress, and completed.

## **13. Calibration Completion Notification**

Send an email to the relevant stakeholder upon successful completion of calibration.

## **End**

Start of the Workflow/Process.