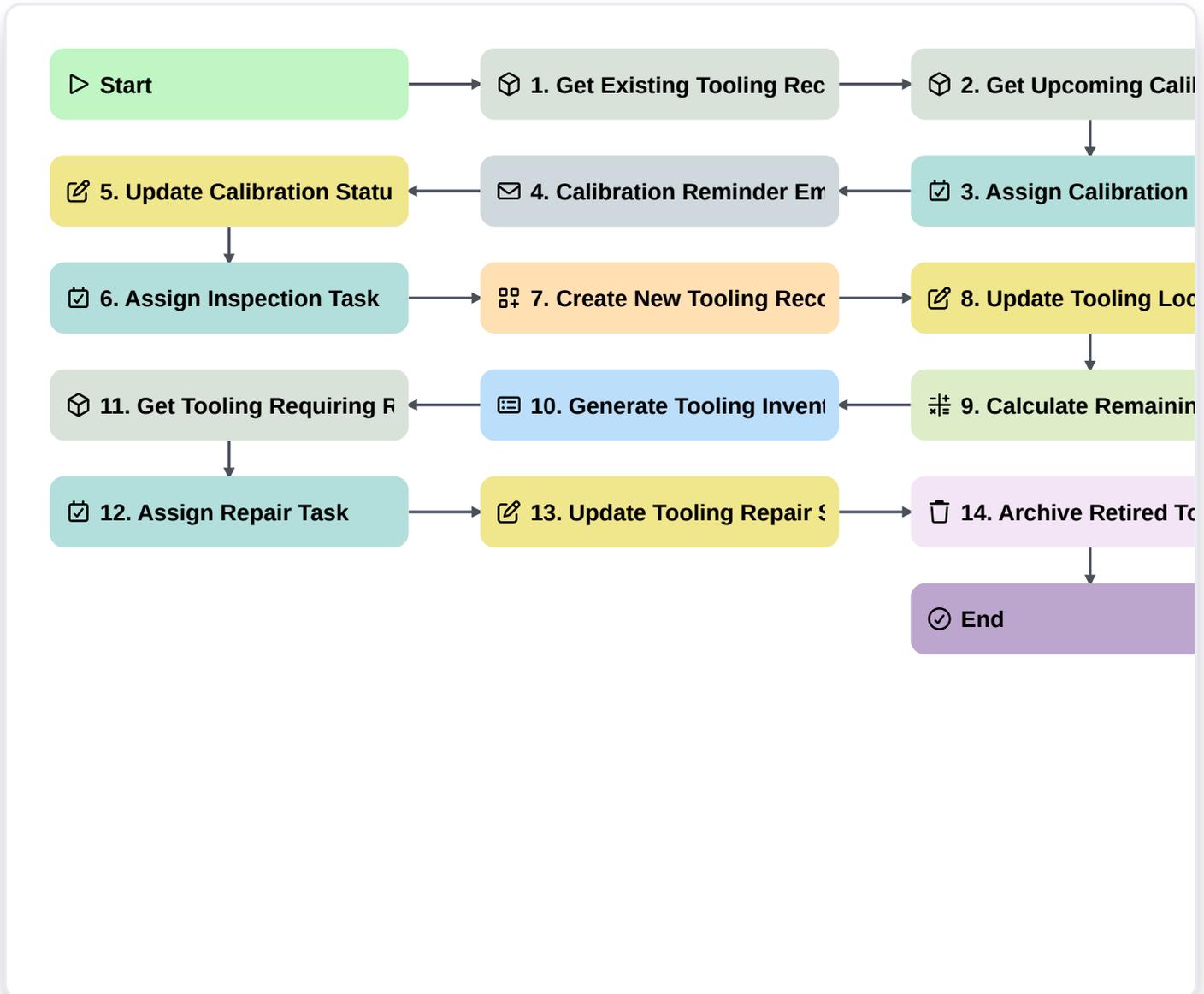


# Tooling Management Workflow For Manufacturing



▷ **Start**

Start of the Workflow/Process.

 **1. Get Existing Tooling Records**

Retrieve all current tooling records from the Tooling Management Data Model.

 **2. Get Upcoming Calibration Dates**

Retrieve tooling records with calibration dates within the next 12 months.

 **3. Assign Calibration Task**

Create a task for the assigned technician to perform the calibration.

 **4. Calibration Reminder Email**

Send an email reminder to the technician and tooling owner prior to calibration date.

 **5. Update Calibration Status**

Update the 'Calibration Status' field in the Tooling Management Data Model after completion.

## **6. Assign Inspection Task**

Create a task to inspect the tooling for wear or damage after calibration.

## **7. Create New Tooling Record**

Create a new entry in the Tooling Management Data Model when new tooling is introduced.

## **8. Update Tooling Location**

Update the Tooling Management Data Model with the current location of the tooling.

## **9. Calculate Remaining Calibration Time**

Calculate the remaining time until the next scheduled calibration, based on the 'Last Calibration Date' and 'Calibration Frequency'.

## **10. Generate Tooling Inventory Report**

Create a report of all tooling records, including status, location, and upcoming calibration dates.

## **11. Get Tooling Requiring Repair**

Retrieve tooling records flagged for repair or maintenance.

## **12. Assign Repair Task**

Create a task to have a repair made to the tool.

## **13. Update Tooling Repair Status**

Update the tooling repair status in the tooling data model.

## **14. Archive Retired Tooling**

Archive tooling records that are no longer in use (maintaining historical data).

## **End**

Start of the Workflow/Process.