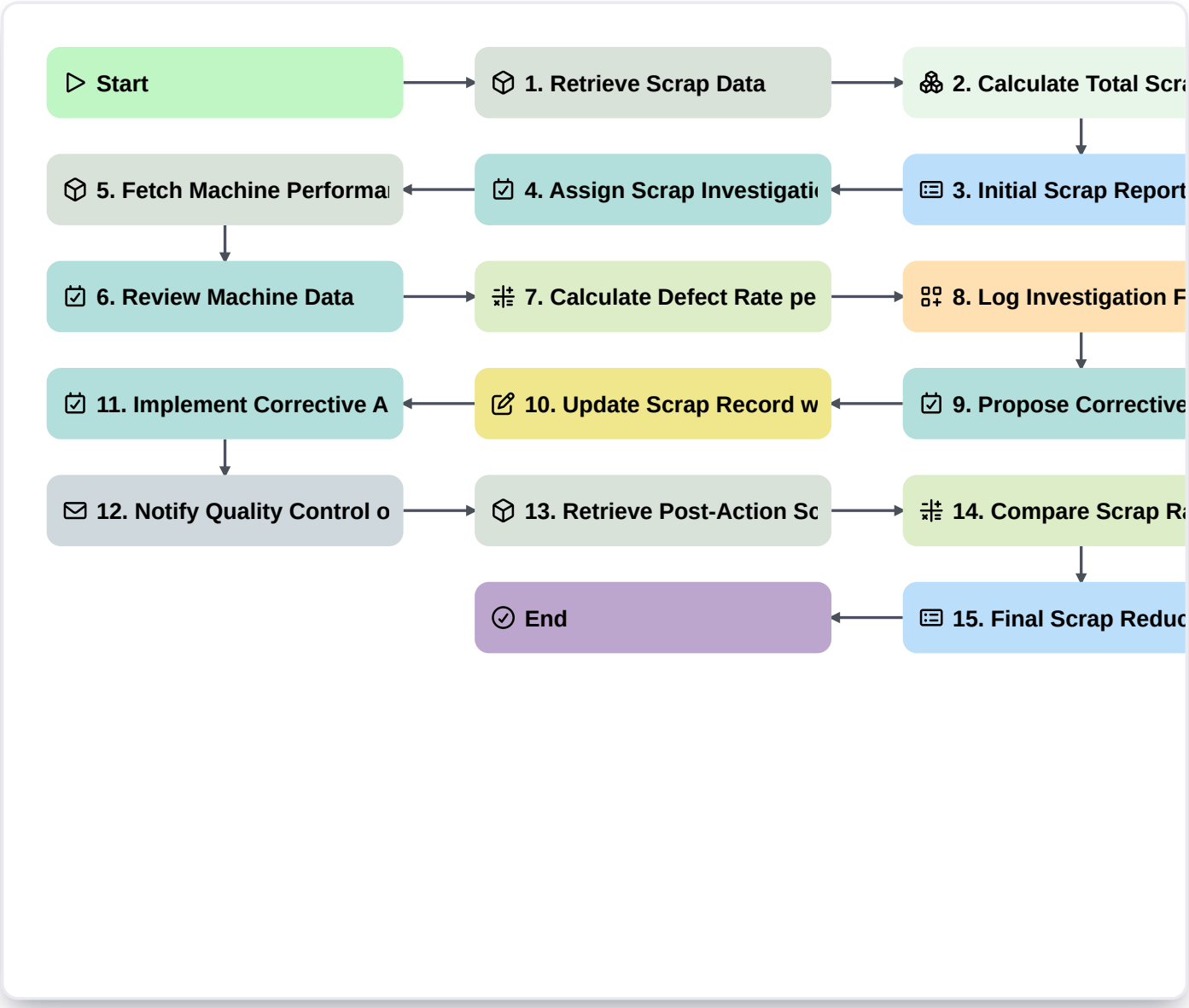
ChecklistGuro

Manufacturing Scrap Reduction Workflow



Start
Start of the Workflow/Process.

1. Retrieve Scrap Data
Fetch recent scrap data entries from the Scrap Data Model.

2. Calculate Total Scrap Value
Aggregate scrap data to calculate the total value of scrap generated.

3. Initial Scrap Report
Generate a report summarizing the total scrap value and scrap rates.

4. Assign Scrap Investigation
Create a task to assign the investigation of the scrap to a designated engineer or team.

5. Fetch Machine Performance Data
Retrieve relevant machine performance data (e.g., downtime, cycle times) for the involved machines.

6. Review Machine Data
Create a task for the assigned engineer to review the fetched machine performance data.

7. Calculate Defect Rate per Machine
Calculate the defect rate for each machine involved in the scrap event.

8. Log Investigation Findings
Create an entry to log the findings of the scrap investigation, including potential causes.

9. Propose Corrective Actions
Create a task to propose corrective actions based on the investigation findings.

10. Update Scrap Record with Findings
Update the initial scrap record with the investigation findings and proposed corrective actions.

11. Implement Corrective Action
Create a task to implement the proposed corrective action.

12. Notify Quality Control of Action
Send an email to the Quality Control team notifying them of the corrective action taken.

13. Retrieve Post-Action Scrap Data
Fetch scrap data entries *after* the corrective action was implemented.

14. Compare Scrap Rate Pre/Post Action
Calculate and compare the scrap rate before and after the corrective action.

15. Final Scrap Reduction Report
Generate a report summarizing the entire process, including findings, actions, and results.

End
Start of the Workflow/Process.