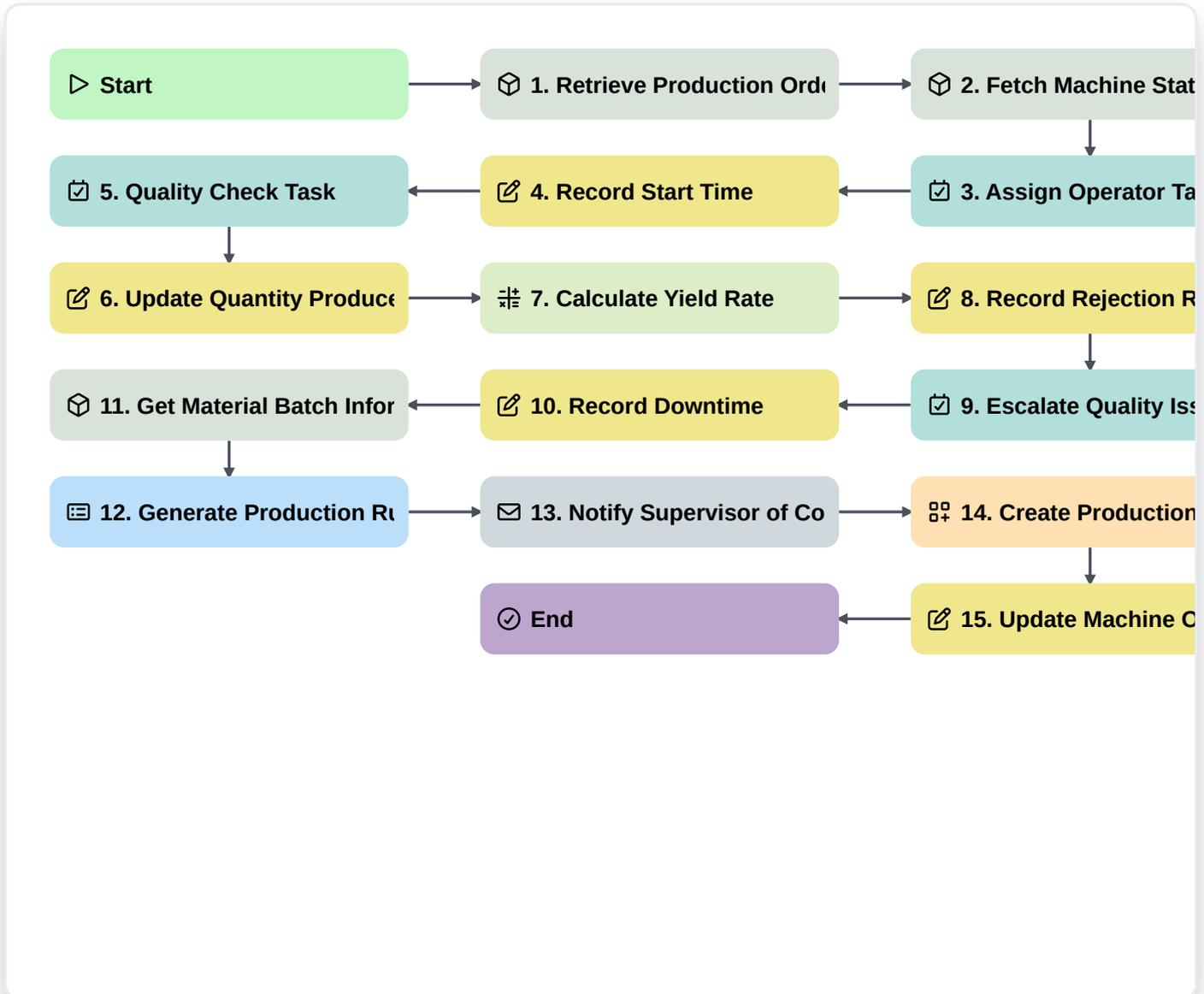# ✅ ChecklistGuro

Shop Floor Execution Workflow For Manufacturers

▷ Start
Start of the Workflow/Process.

◈ 1. Retrieve Production Order Details
Fetches details of the current production order from the Production Order Data Model.

◈ 2. Fetch Machine Status
Retrieves real-time status of the assigned machine from the Machine Status Data Model.

☑ 3. Assign Operator Task
Creates a task for the shop floor operator to begin production.

✎ 4. Record Start Time
Updates the Production Order record with the actual start time.

☑ 5. Quality Check Task
Creates a quality check task after a defined quantity is produced.

✍ 6. Update Quantity Produced

Updates the Production Order record with the quantity produced.

⇌ 7. Calculate Yield Rate

Calculates the yield rate based on good and rejected units.

✍ 8. Record Rejection Reasons

Updates the Production Order record with details of rejected units and reasons.

☑ 9. Escalate Quality Issue

Creates a task to escalate quality issues to the quality control team.

✍ 10. Record Downtime

Updates the Production Order record with downtime details (reason, duration).

⬡ 11. Get Material Batch Information

Retrieves information about the material batch used in the production run.

▤ 12. Generate Production Run Summary Report

Creates a report summarizing the production run details (quantity, yield, downtime).

✉ 13. Notify Supervisor of Completion

Sends an email to the supervisor upon completion of the production order.

⊞ 14. Create Production Event Log

Creates a log entry documenting the entire production event with timestamps and operator details.

✍ 15. Update Machine OEE

Updates the Overall Equipment Effectiveness (OEE) data for the machine.

⊘ End

Start of the Workflow/Process.