

# Automated Downtime Analysis Report

## Summary

**Report Date:** 2024-06-10  
**Department:** Manufacturing  
**Line:** Assembly Line 1  
**Total Downtime:** 3 hours 45 minutes  
**Total Incidents:** 4

## Downtime Details

Start Time	End Time	Duration	Machine	Reason	Responsible
08:40	09:55	1h 15m	Conveyor A	Mechanical Failure	Maintenance
11:10	12:00	50m	Robot Arm 2	Sensor Fault	Electrical
13:10	13:40	30m	Packing Machine	Jammed Material	Operator
14:20	15:30	1h 10m	Label Printer	Ink Refill	Operator

## Top Causes

Cause	Total Downtime	Number of Occurrences
Mechanical Failure	1h 15m	1
Sensor Fault	50m	1
Jammed Material	30m	1
Ink Refill	1h 10m	1

## Recommendations

Preventive maintenance schedule for Conveyor A.  
Regular inspection of sensors on Robot Arm 2.  
Operator training on packing machine procedures.  
Monitor ink levels and schedule refills outside production time.