



Production Line Equipment Maintenance Checklist

Pre-Shift Inspection

Initial check before the start of the production shift to ensure basic functionality and safety.

Shift Start Time

Equipment Operating Temperature (°C)

Enter a number...

Visual Inspection - Unusual Noises?

- ☐ Yes
- ☐ No
- ☐ Unsure

Visual Inspection - Leaks Present?

- ☐ Yes
- ☐ No
- ☐ Unsure

Pressure Reading (PSI/Bar)

Enter a number...

Any Observed Issues/Concerns (Detailed Description)

Write something...

Emergency Stop Functionality Check?

- ☐ Pass
- ☐ Fail
- ☐ N/A

Inspector Signature

Daily Operational Checks

Routine checks performed daily during production to monitor equipment performance and identify potential issues.

Production Counter (Units Produced)

Enter a number...

Cycle Time (Seconds/Unit)

Enter a number...

Unusual Noises Observed?

- ☐ Yes
- ☐ No
- ☐ Unsure

Vibration Level

- ☐ Normal
- ☐ Slightly Elevated
- ☐ Elevated
- ☐ Excessive

Observations/Notes (e.g., material issues, jams)

Write something...

Operating Temperature (Degrees Celsius)

Enter a number...

Emergency Stop Function Test Result

- ☐ Pass
- ☐ Fail
- ☐ Not Tested

Check for these leaks:

- ☐ Oil
- ☐ Water
- ☐ Air
- ☐ None Observed

Weekly Preventive Maintenance

Scheduled maintenance tasks performed weekly to prevent breakdowns and extend equipment lifespan.

Motor Temperature (Celsius)

Bearing Vibration Level (mm/s)

Belt Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Observations/Notes on Motor Performance

Lubricant Level (Hydraulic/Pneumatic)

- ☐ Full
- ☐ Adequate
- ☐ Low
- ☐ Critical

Last Lubrication Date

Lubricant Added?

- ☐ Yes
- ☐ No

Air Pressure (PSI/Bar)

Monthly Detailed Inspection

More in-depth inspection and maintenance performed monthly, including lubrication and component checks.

Motor Current (Amps)

Bearing Temperature (°C)

Belt Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Notes on Gearbox Condition

Write something...

Checklist items from Previous Inspection Follow-up

- ☐ Item 1 Resolved
- ☐ Item 1 Not Resolved
- ☐ Item 2 Resolved
- ☐ Item 2 Not Resolved

Date of Last Filter Replacement

Enter date...

Detailed observations of vibration levels

Write something...

Overall Equipment Condition

- ☐ Optimal
- ☐ Acceptable
- ☐ Needs Attention

Technician Signature

Quarterly Maintenance & Cleaning

Comprehensive maintenance, cleaning, and component replacement tasks performed quarterly.

Overall Equipment Condition Notes

Write something...

Motor Bearing Temperature (°C)

Enter a number...

Belt Tension Measurement (Units)

Enter a number...

Air Filter Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor


Lubricant Checks (Select all that apply)

- ☐ Oil Level
- ☐ Oil Pressure
- ☐ Hydraulic Fluid Level
- ☐ Grease Condition
- ☐ Coolant Level

Last Hydraulic Fluid Change Date

Enter date...

Upload Photos of Critical Components (e.g., gears, belts)

 Upload File

Description of any unusual noises or vibrations observed.

Write something...

Cleaning Effectiveness (Post-Cleaning)

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Annual Overhaul & Calibration

Major overhaul, component replacement, and calibration performed annually to ensure optimal performance and accuracy.

Overall Equipment Condition Summary

Write something...


Operating Hours Since Last Overhaul

Enter a number...

Calibration Status

- ☐ Within Tolerance
- ☐ Requires Adjustment
- ☐ Outside Tolerance - Immediate Action Required

Calibration Certificates (if applicable)

 Upload File

Component Replacement Count - Belts/Chains

Enter a number...

Component Replacement Count - Bearings

Enter a number...

Detailed Description of Work Performed

Write something...

Date of Next Scheduled Overhaul

Enter date...

Technician Signature

Safety Checks

Dedicated checks focusing specifically on safety features and hazard mitigation.

Emergency Stop Functionality Verified?

- ☐ Yes
- ☐ No
- ☐ N/A

Noise Level (dB)

Enter a number...

Guards and Safety Barriers Intact?

- ☐ Yes
- ☐ No
- ☐ Partial Damage

Observations Regarding Safety Hazards

Write something...

Light Curtains/Safety Sensors Operational?

- ☐ Yes
- ☐ No
- ☐ Needs Testing

Last Safety Inspection Date

Enter date...

Safety Inspector Signature

Lubrication

Specific checks and maintenance related to lubrication of various equipment components.

Machine Oil Level (mm)

Enter a number...

Grease Point 1 - Grease Quantity (grams)

Enter a number...

Grease Point 2 - Grease Quantity (grams)

Enter a number...

Oil Type Used

- ☐ ISO VG 32
- ☐ ISO VG 46
- ☐ ISO VG 68
- ☐ Other - Specify in Long Text

Oil Specifications (if 'Other' selected above)

Write something...

Last Oil Change Date

Enter date...

Time of Lubrication

Any unusual noises or observations during lubrication?

Write something...

Lubricant Condition (post application)

- ☐ Normal
- ☐ Foamy
- ☐ Contaminated
- ☐ Water Present

Electrical System Checks

Inspection and maintenance of electrical components, wiring, and control systems.

Voltage (V)

Enter a number...

Current (A)

Enter a number...

Insulation Resistance (Mohm)

Enter a number...

Visual Inspection of Wiring

- ☐ No Issues
- ☐ Minor Damage - Documented
- ☐ Significant Damage - Immediate Repair Required

Condition of Control Panels

- ☐ Clean and Organized
- ☐ Dusty/Dirty
- ☐ Signs of Overheating
- ☐ Evidence of Moisture

Any Unusual Noises/Vibrations

Write something...

Last Calibration Date of Sensors

Enter date...

Upload Image of Electrical Panel

 Upload File

Hydraulic/Pneumatic System Checks

Inspection and maintenance of hydraulic and pneumatic systems.

Hydraulic Fluid Level (inches)

Enter a number...

Pneumatic System Pressure (PSI)

Enter a number...

Hydraulic Fluid Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Pneumatic System Leaks?

- ☐ Yes
- ☐ No

Description of any Leaks Found (if applicable)

Write something...

Filter Change Date (YYYY-MM-DD)

Enter a number...

Cylinder Operation (Smooth/Jerky)

☐ Smooth

☐ Jerky

Any unusual noises observed?

Write something...

Last Hydraulic Hose Inspection Date

Enter date...