

# Brewery Equipment Maintenance Checklist Template

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## Boiling Kettle & Related Systems

Covers the kettle, pumps, valves, and associated controls.

### Kettle Pressure (PSI)

Enter a number...

### Steam Flow Rate (lbs/hr)

Enter a number...



### Boil Temperature (°F)

Enter a number...

### Burner Flame Appearance

- Blue
- Yellow
- Orange
- Uneven

### Valve Leakage

- None
- Minor
- Moderate
- Severe

### Last Inspection Date (Burner)

Enter date...

### Notes on Kettle Performance

Write something...

# Mash Tun & Lauter Tun

Focuses on the mash tun, lauter tun, and related components for wort extraction.

## Mash Tun Temperature (°F)

## Lauter Tun Sparge Water Temperature (°F)

## Lauter Tun False Bottom Condition

- Clean
- Minor Debris
- Significant Debris - Requires Cleaning
- Damaged

## Observations & Notes

## Last False Bottom Cleaning Date

### Lauter Tun Drainage Time (minutes)

### Mash Tun Heating Element Condition

- Good
- Visible Wear
- Malfunctioning
- Replaced

## Fermentation Vessels

Includes inspection and maintenance of fermentation tanks, temperature control systems, and related components.

### Tank Pressure (PSI)

### Temperature (Fahrenheit)

### Last CIP Date

### Observation Time

Enter time...

### Notes on Fermentation Progress/Observations

Write something...

### Temperature Control Functioning?

Yes

No

N/A

### Photo of Tank Interior (if applicable)

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## Filtration & Clarification Equipment

Covers filters, centrifuges, and other clarification equipment.

### Filter Pressure (PSI)

Enter a number...

### Backwash Flow Rate (GPM)

Enter a number...

### Last Filter Element Change Date

Enter date...

### Description of any unusual observations during operation

Write something...

### Filter Element Condition

- Excellent
- Good
- Fair
- Poor

### Photos of Filter Condition (Optional)

 Upload File

### Centrifuge Speed (RPM)

Enter a number...

## Packaging Line (Bottling/Canning)

Includes inspection and maintenance of fillers, labelers, cappers, and conveyors.

### **Bottling Speed (bottles/min)**

Enter a number...

### **Last Belt Inspection Date**

Enter date...

### **Fill Volume Deviation (ml)**

Enter a number...

### **Bottle/Can Quality (Visual)**

- Excellent
- Good
- Fair
- Poor

### **Issues Observed**

- Label Misalignment
- Fill Level Issues
- Bottle/Can Damage
- Capping Problems
- Conveyor Issues

### Last Line Cleaning Time

### Number of Rejected Bottles/Cans

## CIP (Clean-In-Place) System

Focuses on the CIP system's functionality, nozzles, and chemical usage.

### Last CIP Cycle Date

### CIP Cycle Start Time

### Caustic Concentration (%)

### Acid Concentration (%)

Enter a number...

### CIP Chemical Type

- Caustic
- Acid
- Sanitizer

### Notes on CIP Cycle (e.g., unusual observations)

Write something...

### Nozzle Performance

- Excellent
- Good
- Fair
- Poor

### Photo of Nozzle Configuration

 Upload File

# Glycol Chiller System

Maintenance checks for the glycol chiller, pumps, and distribution system.

**Chiller Inlet Temperature (°F)**

**Chiller Outlet Temperature (°F)**

**Condenser Pressure (PSI)**

**Suction Pressure (PSI)**

**Refrigerant Level (lbs/oz)**

### Last Refrigerant Top-Up Date

Enter date...

### Notes/Observations

Write something...

### Chiller Performance

- Excellent
- Good
- Fair
- Poor

## Compressed Air System

Includes air compressor, lines, filters, and regulators.

### Compressor PSI Reading

Enter a number...

### Tank Pressure Reading

Enter a number...

### Air Filter Differential Pressure (in H2O)

Enter a number...

### Air Compressor Oil Level

- Full
- Adequate
- Low
- Critical

### Last Filter Replacement Date

Enter date...

### Last Drain Valve Cycle Time

Enter time...

### Any Unusual Noises or Observations?

Write something...

## Electrical Systems

General electrical checks, panel inspections, and motor maintenance.

### Panel Voltage (V)

Enter a number...

### Motor Insulation Resistance (Meg Ohms)

Enter a number...

### Last Electrical Safety Inspection Date

Enter date...

### Panel Condition (Visual Inspection)

- Excellent
- Good
- Fair
- Poor

### Notes on Wiring Condition

Write something...

### Motor Amperage (Current)

### Time of Motor Start/Stop (if applicable)

## Pumps & Valves

Inspection and lubrication of all pumps and valves throughout the brewery.

### Pump 1 Flow Rate (GPM)

### Pump 1 Motor RPM

### Valve 1 Pressure (PSI)

### Valve 1 Operation (Open/Closed/Partially Open)

- Open
- Closed
- Partially Open

### Valve 1 Leakage Observations

Write something...

### Last Lubrication Date (Pump 2)

Enter date...

### Valve 3 Stem Backlash (inches)

Enter a number...

### Pump 4 Noise Level (Normal/Audible/Excessive)

- Normal
- Audible
- Excessive