✅ ChecklistGuro

Refrigeration System Maintenance - Food Storage Checklist

General Inspection & Safety

Initial checks for safety hazards and overall system condition.

Date of Inspection

Enter date...

Time of Inspection

Ambient Temperature (°C)

Enter a number...

Overall System Appearance

☐ Excellent
☐ Good
☐ Fair
☐ Poor

Potential Hazards Observed

☐ Loose Wiring

☐ Refrigerant Leaks

☐ Blocked Airflow

☐ Water Leaks

☐ Unstable Unit

☐ None Observed

Notes on General Condition/Hazards

Write something...

Safety Equipment Check (Fire extinguisher, emergency stops)

☐ Present and Functional

☐ Present but needs maintenance

☐ Missing or Non-Functional

Inspector Signature

Condenser Unit

Inspection and maintenance of the condenser unit, including coils and fan.

Ambient Temperature (°C)

Enter a number...

Condenser Coil Temperature (°C)

Enter a number...

Discharge Air Temperature (°C)

Enter a number...

Fan Motor Amperage

Enter a number...

Coil Condition

- ☐ Clean
- ☐ Slightly Dirty
- ☐ Moderately Dirty
- ☐ Heavily Soiled

Notes on Coil Cleaning/Maintenance

Write something...

Fan Motor Condition

☐ Good

☐ Noisy

☐ Vibration

☐ Needs Replacement

Photo of Condenser Unit

⬆ Upload File

Evaporator Unit(s)

Inspection and maintenance of evaporator coils within the food storage areas.

Evaporator Coil Temperature (°F)

Enter a number...

Evaporator Coil Surface Frost/Ice Thickness (inches)

Enter a number...

Coil Condition - Visible Mold/Mildew?

☐ Yes

☐ No

☐ Unsure

Description of Observed Evaporator Coil Condition (e.g., excessive frost, fouling, leaks)

Write something...

Defrost Cycle Functioning Correctly?

- [ ] Yes
- [ ] No
- [ ] N/A - Not Applicable

Evaporator Fan Motor Amperage

Enter a number...

Notes on Defrost Cycle Performance (if applicable)

Write something...

Refrigerant & Pressures

Monitoring refrigerant levels and pressures for optimal performance.

Suction Pressure (PSI)

Enter a number...

Liquid Line Pressure (PSI)

Enter a number...

Head Pressure (PSI)

Enter a number...

Refrigerant Charge (lbs)

Enter a number...

Refrigerant Type

☐ R-134a
☐ R-404A
☐ R-290
☐ Other (Specify in Long Text)

Refrigerant Type Specification (If 'Other')

Write something...

Pressure Readings Within Normal Range?

☐ Yes
☐ No

Comments/Observations (Pressure & Refrigerant)

Write something...

Electrical Components

Checking electrical connections, wiring, and control panels for proper function and safety.

Voltage at Compressor

Enter a number...

Amperage Draw - Compressor

Enter a number...

Amperage Draw - Fan Motor (Condenser)

Enter a number...

Amperage Draw - Fan Motor (Evaporator)

Enter a number...

Condition of Wiring Harnesses

☐ Good

☐ Fair

☐ Damaged - Repair Needed

Condition of Control Panel

☐ Good

☐ Fair - Clean Required

☐ Damaged - Repair Needed

Notes on Electrical Components

Write something...

Temperature Monitoring & Control

Verification of temperature accuracy and control system functionality.

Current Temperature (High Storage)

Enter a number...

Current Temperature (Low Storage)

Enter a number...

Set Point Temperature (High Storage)

Enter a number...

Set Point Temperature (Low Storage)

Enter a number...

Temperature Stability

- ☐ Stable
- ☐ Fluctuating
- ☐ Unstable

Alarm System Functionality

- ☐ Operational
- ☐ Needs Attention

Notes on Temperature Readings/Control System Observations

Write something...

Last Calibration Date (Temperature Sensors)

Enter date...

Leak Detection & Repair

Checking for refrigerant leaks and implementing necessary repairs.

Initial Leak Test Method Used?

- ☐ Electronic Leak Detector
- ☐ Soap Bubble Test
- ☐ Pressure Decay Test
- ☐ Other - Specify Below

If 'Other' Leak Test Method, please specify:

Write something...

Leak Rate (oz/year) if detected:

Enter a number...

Leak Location (if found):

📍 Set My Current Location

Leak Repair Details:

Write something...

Refrigerant Added (lbs/oz) after repair:

Enter a number...

Leak Test Method After Repair?

☐ Electronic Leak Detector

☐ Soap Bubble Test

☐ Pressure Decay Test

Additional Notes on Leak Detection/Repair:

Write something...

Preventative Maintenance & Cleaning

Routine cleaning and preventative maintenance tasks to extend system lifespan.

Last Coil Cleaning Date

Enter date...

Details of Condenser Coil Cleaning (Method, Solution)

Write something...

Details of Evaporator Coil Cleaning (Method, Solution)

Write something...

Air Filter Change Interval (Days/Weeks)

Enter a number...

Next Air Filter Change Date

Enter date...

Areas Cleaned (Check all that apply)

☐ Condenser Unit Area

☐ Evaporator Unit Area

☐ Drain Pans

☐ Surrounding Floors

☐ Exterior Surfaces

Notes/Observations during Cleaning

Write something...

Documentation & Record Keeping

Maintaining accurate records of inspections, maintenance, and repairs.

Date of Inspection

Enter date...

Time of Inspection

Temperature Reading (Avg.)

Enter a number...

Refrigerant Pressure (High Side)

Enter a number...

Refrigerant Pressure (Low Side)

Enter a number...

Detailed Notes/Observations

Write something...

Work Order Number (if applicable)

- [ ] N/A
- [ ] WO-001
- [ ] WO-002

Attach Supporting Documents/Photos

⬆ Upload File

Service Technician

☐ Tech 1

☐ Tech 2

☐ Tech 3

Technician Signature