



Cold Storage And Refrigerated Warehouse Maintenance Checklist 2026

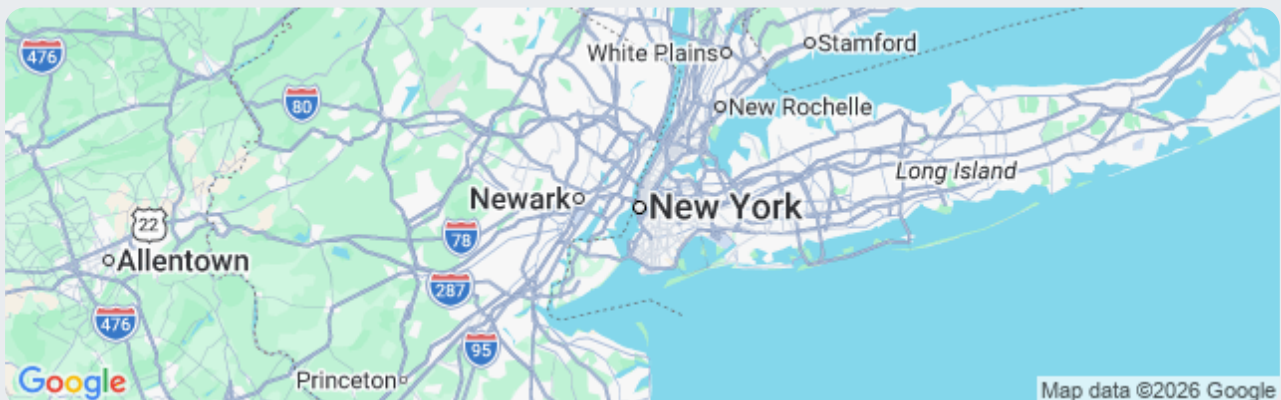
Refrigeration Unit & Compressor Inspection

Routine checks for compressor functionality, oil levels, refrigerant leak detection, and compressor vibration analysis.

Inspection Date

Compressor Unit ID/Location

 [Set My Current Location](#)



Compressor Oil Level Status

- ☐ Normal
- ☐ Low
- ☐ Critical

Compressor Operating Pressure (PSI)

Enter a number...

Visual Inspection Checklist

- ☐ No visible refrigerant leaks
- ☐ No unusual vibration or noise
- ☐ No oil residue around connections
- ☐ Electrical connections are secure

Observations and Anomalies

Write something...

Photo of Compressor/Unit State

 Upload File

Technician Signature

Evaporator & Condenser Coil Maintenance

Assessment of coil cleanliness, airflow obstruction, frost buildup levels, and fan motor operation.

Inspection Date

Coil Condition Status

- ☐ Clean
- ☐ Partially Dirty
- ☐ Heavy Debris/Frost
- ☐ Requires Immediate Cleaning

Measured Air Temperature (°F/°C)

Maintenance Performed

- ☐ Debris Removal
- ☐ Coil Chemical Cleaning
- ☐ Fan Blade Inspection
- ☐ Refrigerant Level Check
- ☐ Motor Lubrication

Observations & Anomalies

Write something...

Photos of Coil Condition

 Upload File

Technician Signature

Temperature & Humidity Monitoring Systems

Calibration of digital thermometers, verification of humidity sensors, and checking data logger accuracy for temperature stability.

Inspection Date

Enter date...

Recorded Ambient Temperature (°C/°F)

Enter a number...

Recorded Humidity Level (%)

Enter a number...

Sensor Calibration Status

- ☐ Calibrated
- ☐ Needs Calibration
- ☐ Out of Service

Detected Anomalies

- ☐ Temperature Fluctuations
- ☐ Humidity Spikes
- ☐ Sensor Error Code
- ☐ None

Detailed Observation Notes

Write something...

Upload Calibration Certificate/Log Photo

 Upload File

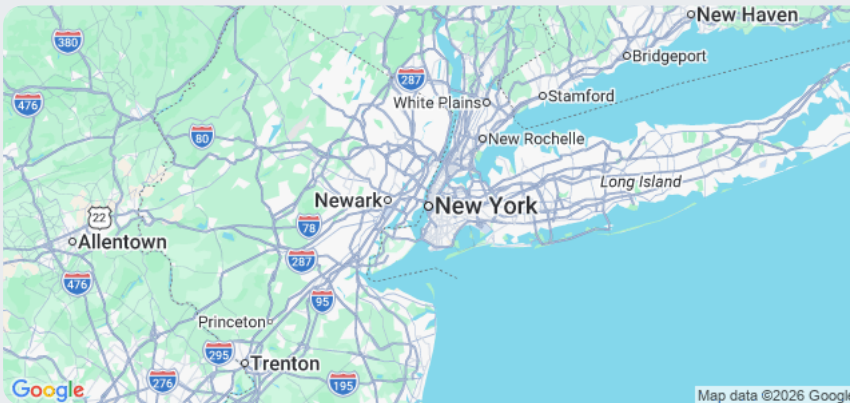
Technician Verification

Insulation & Thermal Envelope Integrity

Inspection of door seals, gaskets, insulated panel integrity, and detection of any thermal bridging or air leaks.

Inspection Date

Storage Zone/Unit ID

[📍 Set My Current Location](#)

Inspected Components

- ☐ Dock Door Seals/Gaskets
- ☐ Insulated Wall Panels
- ☐ Ceiling/Roof Insulation
- ☐ Floor Insulation/Sub-floor
- ☐ Air Curtains

Seal Integrity Status

- ☐ Intact
- ☐ Degraded/Damaged
- ☐ Requires Immediate Repair

Observations of Air Leaks or Thermal Bridges

Write something...

Photos of Damaged Seals or Insulation

 Upload File

Inspector Signature

Loading Dock & Cold Seal Doors

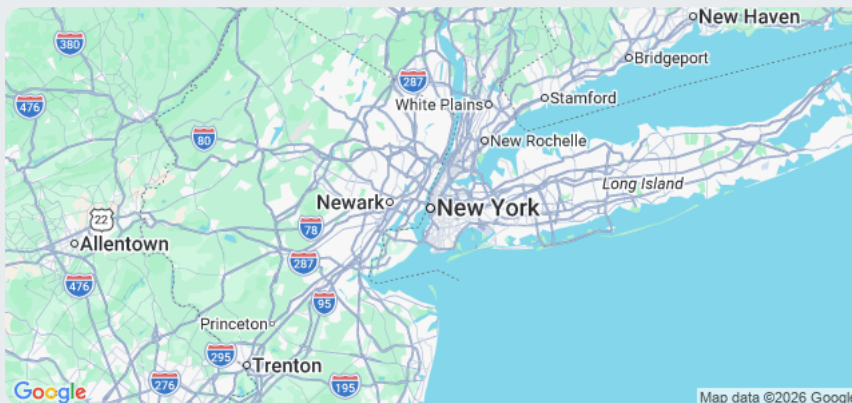
Maintenance of dock levelers, inflatable dock seals, rapid-rise door functionality, and hydraulic door mechanisms.

Inspection Date

Enter date...

Dock Door Number/ID

 Set My Current Location



Dock Seal Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair (Requires Repair)
- ☐ Poor (Immediate Action Needed)

Inspected Components

- ☐ Dock Leveler
- ☐ Dock Shelter/Seal
- ☐ Hydraulic System
- ☐ Door Tracks & Rollers
- ☐ Weather Stripping

Detected Air Leak Measurement (cm/inches)

Enter a number...

Observations & Defect Details

Write something...

Photo of Damaged Components



Upload File

Inspector Signature

A large, empty rectangular box with rounded corners, intended for the inspector's signature.

Defrost System & Drainage Management

Verification of defrost cycle timing, inspection of drain lines for blockages, and testing of condensate pans.

Inspection Date

Enter date...

Defrost Cycle Status

- ☐ Operational
- ☐ Malfunctioning
- ☐ Requires Immediate Repair

Checked Components

- ☐ Defrost Timer
- ☐ Heating Elements
- ☐ Drain Line Flow
- ☐ Condensate Pan

Measured Drain Pipe Temperature (Celsius)

Enter a number...

Observations of Frost Accumulation or Blockages

Write something...

Photo of Drain Line/Evaporator Condition

 Upload File

Technician Signature

Electrical & Control Panel Audit

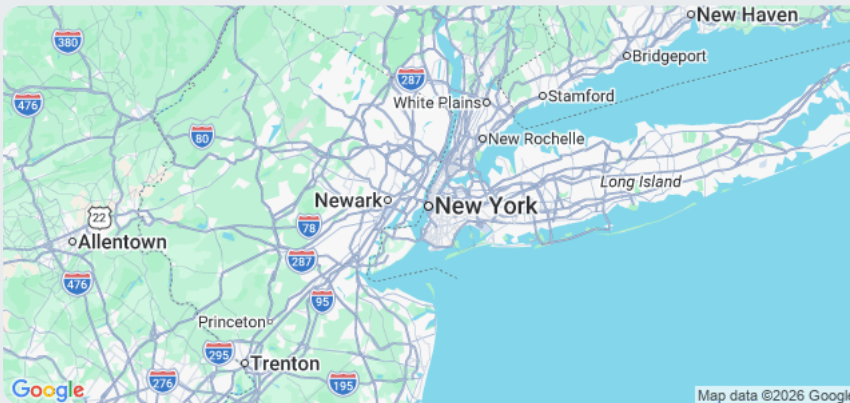
Testing of thermostats, control wiring, circuit breakers, and emergency shutdown switches for the cooling system.

Inspection Date

Enter date...

Control Panel ID/Location

 [Set My Current Location](#)



Thermostat Calibration Status

- ☐ Calibrated
- ☐ Requires Calibration
- ☐ Failed Calibration

Components Inspected

- ☐ Circuit Breakers
- ☐ Wiring Integrity
- ☐ Emergency Shutdown Switch
- ☐ Control Wiring
- ☐ Transformer/Relay Status

Voltage Reading (Primary Feed)

Enter a number...

Observed Anomalies or Corrosion Notes

Write something...

Photos of Panel Interior/Wiring

 Upload File

Technician Signature

Air Circulation & Ventilation Systems

Assessment of evaporator fan blades, air movement patterns, and vent/damper operation to prevent hot spots.

Inspection Date

Enter date...

Evaporator Fan Motor Status

- ☐ Operational
- ☐ Noisy/Vibrating
- ☐ Non-functional
- ☐ Requires Repair

Measured Airflow Velocity (m/s)

Enter a number...

Observed Issues

- ☐ Ice buildup on blades
- ☐ Dust/Debris accumulation
- ☐ Belt slippage
- ☐ Obstructed air vents

Ventilation Maintenance Notes

Write something...

Photos of Fan/Vent Condition

 Upload File

Technician Signature

Lighting & Emergency Backup Systems

Inspection of LED cold-rated lighting, emergency exit signage, and functionality of backup power for critical cooling components.

Inspection Date

LED Lighting Condition

- ☐ Operational
- ☐ Flickering
- ☐ Failed/Burned Out
- ☐ Needs Replacement

Emergency Exit Sign Illumination

- ☐ Pass
- ☐ Fail

Backup Battery Voltage Reading

Observations and Required Repairs

Write something...

Inspector Signature

Sanitation & Hygiene Compliance

Review of cleaning logs, inspection of structural surfaces for organic buildup, and verification of pest control barriers.

Inspection Date

Enter date...

Sanitation Status

- ☐ Pass
- ☐ Fail
- ☐ Follow-up Required

Areas Inspected

- ☐ Floors and Drains
- ☐ Walls and Ceilings
- ☐ Storage Racking
- ☐ Loading Dock Area
- ☐ Handwashing Stations

Sanitation Deficiency Details

Write something...

Photo Evidence of Cleaning/Contamination

 Upload File

Inspector Signature



< Previous

> Next

✓ Finish

 Generate Sample Report