✅ ChecklistGuro

Server Room Environmental Controls Checklist

Temperature Monitoring & Control

Ensures consistent and appropriate temperature levels within the server room.

Current Server Room Temperature (Degrees Celsius/Fahrenheit)

Enter a number...

Target Temperature Range (Minimum, Degrees Celsius/Fahrenheit)

Enter a number...

Target Temperature Range (Maximum, Degrees Celsius/Fahrenheit)

Enter a number...

Temperature Measurement Device Calibration Status

☐ Calibrated within Calibration Period

☐ Calibration Due Soon

☐ Calibration Overdue

Temperature Control System Mode

☐ Automatic

☐ Manual

☐ Standby

Notes/Observations Regarding Temperature

Write something...

Date of Last Temperature-Related Maintenance

Enter date...

Humidity Monitoring & Control

Maintains optimal humidity levels to prevent static and corrosion.

Current Humidity (%)

Enter a number...

Target Humidity Range (%)

Enter a number...

Dehumidifier Status

☐ Operating Normally

☐ Malfunctioning

☐ Not Required

Humidifier Status (if applicable)

☐ Operating Normally
☐ Malfunctioning
☐ Not Required

Last Dehumidifier Filter Change

Enter date...

Notes/Comments on Humidity Levels & Controls

Write something...

Dew Point Temperature (Calculated)

Enter a number...

Airflow Management

Verifies proper airflow throughout the room for effective cooling.

Rack Airflow Obstruction (Percentage)

Enter a number...

Blanking Panels Installed?

☐ Yes
☐ No
☐ Partially Installed

Raised Floor Tile Condition Rating (1-5, 1=Excellent, 5=Poor)

Enter a number...

Observations on Airflow Patterns or Hot Spots

Write something...

Cable Management Adequacy

☐ Excellent

☐ Good

☐ Fair

☐ Poor

Photos/Diagrams of Airflow & Cable Management

⤒ Upload File

Hot Aisle/Cold Aisle Containment?

☐ Yes - Fully Implemented

☐ Yes - Partially Implemented

☐ No

Cooling System Performance

Evaluates the efficiency and functionality of the cooling units.

Cooling Unit 1 Inlet Air Temperature (°C)

Enter a number...

Cooling Unit 1 Outlet Air Temperature (°C)

Enter a number...

Cooling Unit 1 Power Consumption (kW)

Enter a number...

Cooling Unit 1 Refrigerant Pressure (High/Low) (PSI)

Enter a number...

Cooling Unit 1 Condenser Fan Speed (RPM)

Enter a number...

Cooling Unit 1 Noise Level (Subjective)

- [ ] Normal
- [ ] Slightly Elevated
- [ ] Elevated/Concerning

Any unusual noises or vibrations observed?

Write something...

Last Filter Replacement Date (Cooling Unit 1)

Enter date...

Power Backup & Cooling Redundancy

Checks systems in place to maintain environmental controls during power outages or equipment failure.

UPS Runtime Remaining (Hours)

Enter a number...

UPS Status

☐ Online

☐ Standby

☐ Fault

Generator Status

☐ Operational

☐ Standby

☐ Maintenance

☐ Fault

Last Generator Test Date

Enter date...

Cooling Unit Redundancy Factor

Enter a number...

Redundant Cooling Units Operational?

☐ All Operational

☐ One Offline (Scheduled Maintenance)

☐ One Offline (Unscheduled)

☐ None Operational

Notes on Redundancy System Observations

Write something...

Alarm System & Notifications

Confirms the alarm system is operational and alerts are properly configured.

Current Temperature Alarm Setpoint (Degrees Celsius)

Enter a number...

Current Humidity Alarm Setpoint (%)

Enter a number...

Alarm Notification Method(s)

☐ Email

☐ SMS

☐ On-site Display

☐ Phone Call

Email Address(es) Receiving Alarms

Write something...

SMS Phone Number(s) Receiving Alarms

Write something...

Alarm Escalation Procedure Documented?

☐ Yes

☐ No

Last Alarm System Test Date

Enter date...

Notes on Alarm System Testing or Recent Adjustments

Write something...

Documentation & Record Keeping

Ensures accurate records of environmental conditions and maintenance activities are maintained.

Last Environmental Control System Review Date

Enter date...

Temperature Log Frequency (e.g., Readings per day)

Enter a number...

Humidity Log Frequency (e.g., Readings per day)

Enter a number...

Summary of Recent Environmental Control System Maintenance Performed

Write something...

Attach Recent Temperature and Humidity Logs (PDF/CSV)

⬆ Upload File

Alarm System Documentation Location

☐ Network Drive

☐ Physical Binder

☐ Cloud Storage

Notes/Comments Regarding Environmental Control Records

Write something...

Date of Last Calibration of Sensors

Enter date...