



Laboratory Equipment Calibration And Safety Inspection Checklist 2026

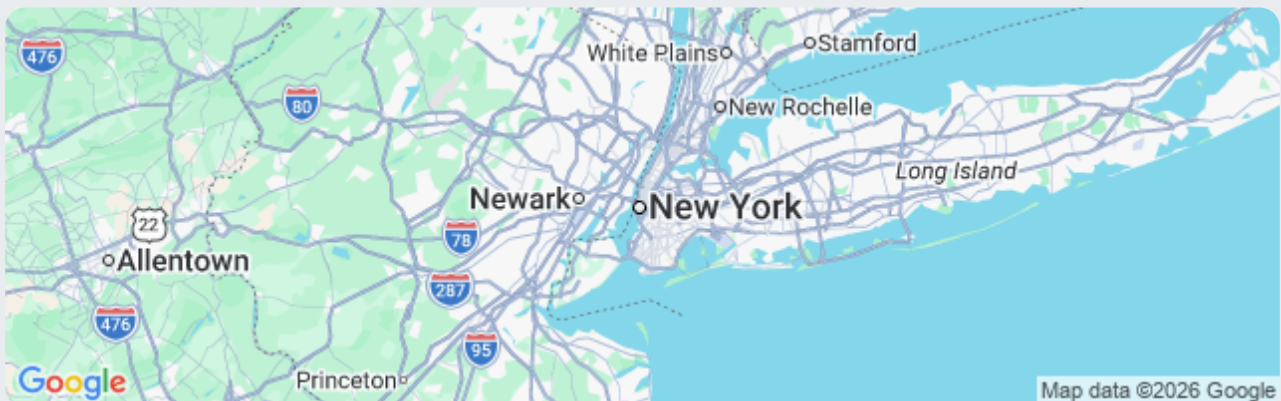
General Laboratory Environment & Safety

Verification of ambient conditions, emergency exit accessibility, and general workspace cleanliness.

Inspection Date

Laboratory Room/Lab ID

 [Set My Current Location](#)



Laboratory Cleanliness Status

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

Safety Hazards Identified

- ☐ Blocked Emergency Exits
- ☐ Spills or Leaks
- ☐ Trip Hazards
- ☐ Improperly Labeled Containers
- ☐ None

Environmental Observation Notes

Write something...

Inspector Signature

Personal Protective Equipment (PPE) Compliance

Audit of available and utilized safety gear, including gloves, goggles, lab coats, and respiratory protection.

PPE Inventory Audit

- ☐ Safety Goggles/Glasses
- ☐ Lab Coats
- ☐ Nitrile/Disposable Gloves
- ☐ Face Shields
- ☐ Respirators
- ☐ Chemical Resistant Aprons

PPE Condition Status

- ☐ All items in good condition
- ☐ Some items require replacement
- ☐ Critical shortage/Damaged items detected

PPE Deficiency Details

Write something...

PPE Inspection Photos

 Upload File

Safety Officer Verification

Calibration Status & Documentation Review

Verification of calibration stickers, valid certificate dates, and accuracy of measurement logs for all precision instruments.

Last Calibration Date

Enter date...

Next Calibration Due Date

Enter date...

Calibration Status

- ☐ Compliant
- ☐ Out of Calibration
- ☐ Pending Maintenance

Calibration Certificate Upload

 Upload File

Discrepancy Notes

Write something...

Inspector Verification

Chemical & Hazardous Material Storage

Inspection of chemical labeling, compatibility of stored substances, and integrity of secondary containment systems.

Storage Area Identifier

☐ Flammable Cabinet A

☐ Acid Storage Locker

☐ Corrosive Storage Unit

☐ General Chemical Shelf

Safety Compliance Checkpoints

☐ All containers are properly labeled

☐ Secondary containment is intact and clean

☐ No incompatible chemicals are stored together

☐ SDS (Safety Data Sheets) are accessible

☐ Spill kits are fully stocked nearby

Discrepancies or Leakage Observations

Write something...

Last Inventory Audit Date

Enter date...

Hazardous Material Inventory Log

 Upload File

Safety Officer Verification

Analytical Instrument Performance Check

Functional testing of high-precision devices such as spectrophotometers, balances, and pH meters to ensure operational stability.

Instrument ID/Serial Number

Last Calibration Date

Calibration Status

- ☐ Pass
- ☐ Fail
- ☐ Requires Maintenance

Measured Deviation/Error Margin

Observation Notes & Discrepancies

Write something...

Upload Calibration Certificate

 Upload File

Technician Verification Signature

Temperature & Humidity Monitoring Systems

Validation of environmental monitoring logs and performance of incubators, refrigerators, and freezers.

Inspection Date

Enter date...

Current Ambient Temperature (°C)

Enter a number...

Current Relative Humidity (%)

Enter a number...

Equipment Temperature Status

- ☐ Within Range
- ☐ Out of Range
- ☐ Critical Alert

Temperature/Humidity Deviation Notes

Write something...

Upload Calibration Log/Sensor Report

 Upload File

Inspector Signature



Emergency Response & Safety Equipment

Inspection of eyewash stations, safety showers, fire extinguishers, and spill kits for accessibility and functionality.

Eyewash Station Status

- ☐ Operational/Flowing
- ☐ Blocked/Inaccessible
- ☐ Requires Maintenance

Fire Extinguisher Pressure Gauge Check

- ☐ In Green Zone (Charged)
- ☐ In Red Zone (Discharged/Low)
- ☐ Missing/Not Present

Safety Equipment Verified

- ☐ Safety Shower
- ☐ First Aid Kit
- ☐ Spill Containment Kit
- ☐ Fire Blanket

Deficiencies or Obstructions Noted

Write something...

Inspection Date

Enter date...

Safety Inspector Signature

Waste Management & Disposal Protocols

Review of biohazard, sharps, and chemical waste disposal procedures and container integrity.

Waste Stream Type

- ☐ Biohazardous
- ☐ Chemical
- ☐ Sharps
- ☐ Radioactive
- ☐ General/Non-Hazardous

Disposal Date

Quantity of Waste Disposed (kg/L)

Container Integrity Check

- ☐ Lid/Cap Secure
- ☐ No Visible Leaks
- ☐ Proper Labeling Applied
- ☐ Secondary Containment Used

Disposal Manifest/Manifest Documentation

 Upload File

Disposal Discrepancies or Observations

Write something...

Safety Officer Verification

Electrical & Utility Infrastructure

Check of power supply stability, gas line connections, and integrity of electrical cords for laboratory machinery.

Power Supply Stability Status

- ☐ Stable
- ☐ Fluctuating
- ☐ Unstable/Frequent Outages

Last Electrical Safety Inspection Date

Enter date...

Utility Inspection Points Covered

- ☐ Electrical Outlets & Sockets
- ☐ Gas Line Connections
- ☐ Water Supply & Plumbing
- ☐ Compressed Air Lines
- ☐ Circuit Breakers & Panels

Observed Infrastructure Deficiencies

Write something...

Technician Affirmation

Post-Inspection Summary & Corrective Actions

Documentation of identified discrepancies, required maintenance tasks, and sign-off for compliance tracking.

Summary of Findings

Write something...

Required Corrective Actions

- ☐ Immediate Repair Required
- ☐ Recalibration Needed
- ☐ Safety Training Required
- ☐ Equipment Replacement Required
- ☐ No Action Required

Corrective Action Deadline

Enter date...

Evidence of Rectification

 Upload File

Inspector Signature

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✔ Finish

✎ Generate Sample Report