✅ ChecklistGuro

Renewable Energy BOM Component Certification Checklist

Component Identification

Verify correct part numbers, descriptions, and quantities are listed in the BOM.

Component Part Number

Write something...

Component Description

Write something...

Quantity Required

Enter a number...

Unit of Measure

Write something...

Component Type

- ☐ Mechanical
- ☐ Electrical
- ☐ Optical
- ☐ Other

Supplier Part Number

Write something...

Weight (kg)

Enter a number...

Certification Verification

Confirm the presence and validity of required certifications (e.g., IEC, UL, ISO) for each component.

Certification Type

- ☐ IEC
- ☐ UL
- ☐ ISO
- ☐ Other

Certification Number

Write something...

Certification Issue Date

Enter date...

Certification Expiration Date

Enter date...

Upload Certification Document

⬆ Upload File

Certification Status

☐ Active

☐ Expired

☐ Pending Review

Issuing Body

Write something...

Supplier Documentation Review

Check supplier-provided certifications, test reports, and material safety data sheets (MSDS).

Supplier Certificate of Conformity

⬆ Upload File

Material Safety Data Sheet (MSDS)

⬆ Upload File

Supplier Test Report Summary

Write something...

Report Issue Number

Enter a number...

Document Issue Date

Enter date...

Document Verification Status

☐ Verified

☐ Pending Verification

☐ Rejected

Reviewer Signature

Traceability Records

Ensure component traceability records are complete and accurate, linking to manufacturing processes.

Component Batch/Lot Number

Write something...

Quantity Produced in Batch

Enter a number...

Date of Production

Enter date...

Production Line/Facility Identifier

Write something...

Manufacturing Process Type

☐ Injection Molding

☐ Extrusion

☐ Machining

☐ Assembly

☐ Other

Manufacturing Test Report (Optional)

⬆ Upload File

Supplier Tracking Code (If Applicable)

Write something...

Compliance with Standards

Validate compliance with relevant industry and regulatory standards (e.g., RoHS, REACH).

Applicable Standards

☐ IEC 61200

☐ IEC 61400

☐ IEC 2000-1

☐ UL 5400

☐ REACH

☐ RoHS

☐ Other (Specify)

Standard Version/Revision

Write something...

Certificate Number (if applicable)

Enter a number...

Certificate Issue Date

Enter date...

Certificate Expiration Date

Enter date...

Upload Certificate/Compliance Document

⬆ Upload File

Material Declaration (RoHS/REACH)

Review the component's material declaration to confirm substance restrictions.

Declaration Status

☐ Available

☐ Pending

☐ Unavailable

Declaration Summary

Write something...

Declaration Document

⬆ Upload File

Declaration Version

Enter a number...

Declaration Issue Date

Enter date...

Restricted Substances Exceeded Limit?

☐ Lead (Pb)

☐ Mercury (Hg)

☐ Cadmium (Cd)

☐ Hexavalent Chromium (Cr6+)

☐ Polybrominated Biphenyls (PBB)

☐ Polybrominated Diphenyl Ethers (PBDE)

☐ None

Testing and Inspection Records

Confirm that components have undergone necessary testing and inspections according to specifications.

Date of Inspection

Enter date...

Inspection Result (Pass/Fail - 1/0)

Enter a number...

Detailed Inspection Notes

Write something...

Inspection Report (PDF/Image)

⬆ Upload File

Measured Value (e.g., Voltage, Resistance)

Enter a number...

Test Method Used

☐ Method A

☐ Method B

☐ Method C

Time of Inspection

Component Origin Verification

Verify the country of origin for each component, adhering to import/export regulations.

Component Country of Origin

☐ United States

☐ Canada

☐ Mexico

☐ China

☐ Germany

☐ Japan

☐ South Korea

☐ Taiwan

☐ Other

If 'Other', specify Country of Origin:

Write something...

Detailed Origin Declaration from Supplier (if required)

Write something...

Supplier Origin Certificate (if applicable)

⬆ Upload File

Percentage of Component Originating in Designated Country (if blend)

Enter a number...

Free Trade Agreement (FTA) Utilization (if applicable)

☐ NAFTA/USMCA
☐ EU FTA
☐ Other FTA
☐ Not Applicable

FTA Reference Number (if applicable)

Write something...

Documentation Archiving

Ensure all certification and verification documentation is properly archived for audit trails.

Date of Archival

Enter date...

Archival Method Description (e.g., digital repository name, physical storage location)

Write something...

Scan of Original Certification Document (if applicable)

⬆ Upload File

Document Control Number (if applicable)

Enter a number...

Storage Location Type

☐ Digital

☐ Physical

☐ Hybrid

Notes on Archival Process

Write something...

Review & Approval

Document the review and approval process by designated personnel.

Review Date

Enter date...

Reviewer Name

Write something...

Approval Status

☐ Approved

☐ Rejected

☐ Pending

Comments/Justification

Write something...

Reviewer Signature

Revision Number

Enter a number...