



Bolting Inspection Checklist

General Information

Details about the project, location, and inspector.

Inspection Date

Enter date...

Inspection Time

Project Name

Write something...

Location

Write something...

Inspector Name

Write something...

Inspector ID

Write something...

Company Name

Write something...

Project Identification

Records project-specific information for traceability.

Project Name

Write something...

Project Location

Write something...

Contractor

Write something...

Client

Write something...

Inspection Date

Enter date...

Drawing/Design Revision

Enter a number...

Bolting Specification Reference

Write something...

Specific Location of Bolts Inspected

 [Set My Current Location](#)



Bolt Identification & Specification

Details the bolt type, grade, size, and quantity being inspected.

Bolt Diameter (inches/mm)

Enter a number...

Bolt Grade/Strength

- A307
- A325
- A490
- Other (Specify in Long Text)

Bolt Material (e.g., Carbon Steel, Alloy Steel)

Write something...

Number of Bolts Inspected

Enter a number...

Specific Bolt Specification Reference (e.g., AWS D1.1, Project Specification)

Write something...

Bolt Type

- Hex Head
- Stud
- J-Bolt
- Other (Specify in Long Text)

Bolt Length (inches/mm)

Enter a number...

Pre-Installation Inspection

Inspection of bolts prior to installation, verifying condition and conformance.

Bolt Diameter (inches/mm)

Enter a number...

Bolt Grade

- A325
- A36
- A490
- Other (Specify)

If 'Other' Grade Selected, Specify:

Write something...

Bolt Coating Type

- Plain
- Galvanized
- Zinc-Alum
- Other (Specify)

If 'Other' Coating Selected, Specify:

Write something...

Thread Condition

- Good
- Slightly Damaged
- Damaged
- Severely Damaged

Notes on Thread Condition (if applicable)

Write something...

Upload Photo of Bolt (optional)

 Upload File

Quantity of Bolts Inspected

Enter a number...

Torque Application Verification

Confirmation that torque values are applied correctly and records methodology used.

Target Torque Value (kNm/lb-ft)

Enter a number...

Actual Torque Value Recorded (kNm/lb-ft)

Enter a number...

Torque Application Method

- Impact Wrench
- Torque Wrench (Click)
- Torque Multiplier
- Other (Specify)

Details Regarding Torque Application Method (e.g., Wrench Calibration, Technique)

Write something...

Torque Units

kNm

lb-ft

Number of Turns (If Applicable)

Enter a number...

Calibration Status of Torque Equipment

Within Calibration Period

Outside Calibration Period - Record Deviation

Notes on Calibration Status/Deviation (if applicable)

Write something...

Visual Inspection - Installed Bolts

Thorough visual assessment of installed bolts for defects and correct installation.

Bolt Head Condition

- No Damage
- Minor Damage (Cosmetic)
- Significant Damage (Cracks, Deformation)
- Damaged - Requires Replacement
- Unsure - Further Evaluation Needed

Thread Condition

- Clean & Intact
- Minor Debris
- Galling Present
- Thread Damage/Stripping
- Unsure

Number of Bolts with Visible Corrosion (Estimate)

Enter a number...

Detailed Description of Any Visible Defects

Write something...

Was Proper Washer Used?

- Yes
- No
- Not Applicable
- Unsure

Location of Significant Bolt Defects (e.g., Grid Coordinates)

 [Set My Current Location](#)



Upload Photos of Significant Bolt Defects (optional)

 [Upload File](#)

Corrosion & Coating Assessment

Evaluation of bolt surface condition and effectiveness of protective coatings.

Coating Type

- Galvanized
- Painted
- Chrome
- None

Coating Thickness (mm)

Enter a number...

Coating Condition

- Excellent
- Good
- Fair
- Poor

Description of Corrosion (if any)

Write something...

Percentage of Bolt Surface Corroded (%)

Enter a number...

Corrosion Photos (if applicable)

 Upload File

Rust Severity

- None
- Light
- Moderate
- Severe

Galling & Damage Assessment

Inspection for galling, thread damage, and other physical impairments.

Evidence of Galling Observed?

- No
- Minor
- Moderate
- Severe

Describe any Galling Observed (Location, Severity, etc.)

Write something...

Visible Thread Damage?

- No
- Minor Damage
- Moderate Damage
- Severe Damage - Recommend Replacement

Describe any Thread Damage Observed (Type, Location, Severity)

Write something...

Number of Bolts with Thread Damage

Enter a number...

Evidence of Bolt Head Damage?

- No
- Minor Deformation
- Cracking
- Significant Damage - Recommend Replacement

Describe Bolt Head Damage (Location, Type, Severity)

Write something...

Upload Photo of Galling/Damage (if applicable)

 Upload File

Documentation & Sign-Off

Records of inspection findings, corrective actions, and inspector verification.

Inspection Date

Enter date...

Inspection Time

Inspector Name

Write something...

Inspector Certification/License Number

Write something...

Summary of Findings & Recommendations

Write something...

Number of Bolts Inspected


Enter a number...

Inspection Status

- Pass
- Fail
- Conditional Pass
- Requires Further Investigation

Inspector Signature

Supporting Documentation (Photos, Torque Records)

 Upload File