

## Role of the Inspector in Structural Bolting Checklist

The inspector of structural bolts has responsibilities in several areas of work. The inspector functions as an extension, or the eyes and ears, of the engineer of record. The inspector enforces standards and policy decisions made by the engineer; however, any highly technical evaluations and qualifications, should be taken to the site engineer for a decision.

Below is a checklist of the inspector's role in structural bolting.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

### Sections

- **Accountability and Record Keeping**
- **Compliance with Standards and Local Practices**
- **Quality Assurance**
- **Safety**

### Accountability and Record Keeping

- Verify receiving and storage documents**
- Conduct inbound inspection of components**
- Observe and confirm stage conditions and lot controls**

### Compliance with Standards and Local Practices

- Know and have access to copies of applicable standards**
- Understand planned procedures and local adaptations**

### Quality Assurance

- Witness required field tests**

## Bolted Connections – Inspection AT-TC3CN006-18-T1-JA06

- Audit calibrations of measurement tools
- Verify component conditions and lot discipline
- Observe assembly activities
- Identify and report problems
- Confirm results through sample trials and measurements

### Safety

- Because of his unique vantage point close to but removed from the action, the inspector can often spot hazards or unsafe practices that other workers might miss