



STEELWORK AND STRUCTURAL INSTALLATION

Safety Guide

Construction Trade

4

Key Benefits

16

Control Measures

3

Checklist Items

KEY BENEFITS

Structural Integrity

Creates strong, durable building frameworks.

Speed

Enables rapid construction of large structures.

Sustainability

Steel is highly recyclable and reusable.

Design Flexibility

Allows for innovative architectural designs.

KEY HAZARDS & CONTROL MEASURES**Working at Height**

- ✓ Install safety netting and edge protection before work begins
- ✓ Use personal fall arrest systems when edge protection not possible
- ✓ Ensure safe access via scaffold or MEWPs
- ✓ Plan erection sequence to maximize collective protection

Welding & Hot Work

- ✓ Obtain hot work permits for all welding operations
- ✓ Use appropriate PPE including welding masks and gloves
- ✓ Ensure adequate ventilation or use extraction equipment
- ✓ Maintain fire watch during and after hot work

Falling Objects

- ✓ Establish exclusion zones beneath erection areas
- ✓ Use tool lanyards and secure storage for equipment
- ✓ Coordinate with crane operations for safe lifting
- ✓ Mandatory hard hats throughout site

Manual Handling

- ✓ Use mechanical handling wherever possible
- ✓ Team lift for components requiring manual handling
- ✓ Provide manual handling training
- ✓ Wear appropriate gloves to prevent cuts



RISK ASSESSMENT
WIZARD

Take Your Safety To The Next Level

Create professional, customized risk assessments for your organization with our easy-to-use online wizard.

390+

Activity Templates

Pre-loaded hazards & controls for every activity

100%

Customizable

Add your branding & tailor to your needs

- ✓ Instant PDF & print-ready documents
- ✓ Store and update assessments online
- ✓ Add your logo & organization details
- ✓ Reuse and duplicate assessments
- ✓ Works on any device

Start Free at riskassessmentwizard.com

No credit card required - Try it free today