

# Method Statement for Structural Steel Works

## 1. Scope of Works

This method statement provides a safe and systematic procedure for the fabrication, delivery, lifting, and erection of structural steelworks as per project drawings and specifications.

## 2. Reference Documents

- Project Drawings and Specifications
- Approved Materials Submittals
- Relevant Codes and Standards (e.g., BS, ASTM)
- Project Quality Plan

## 3. Responsibilities

Position	Duties
Project Manager	Overall supervision & resources coordination
Site Engineer	Daily supervision, inspection, and reporting
Safety Officer	Ensure implementation of HSE measures
Foreman	Direct supervision of workforce

## 4. Methodology

### 1. Material Delivery & Storage

- Inspect steel members upon delivery for compliance and damage.
- Store materials on level ground, with supports to avoid ground contact.

### 2. Setting Out

- Verify column positions and level references according to drawings.

### 3. Assembly & Pre-Erection Works

- Check all bolt holes and connections for alignment.
- Pre-assemble components as practicable.

### 4. Steel Erection

- Lift elements using certified lifting gear and cranes.
- Guide steel members into position and temporarily secure.
- Install permanent bolts and tighten to required torque.

### 5. Welding Works

- Ensure welders are certified and approved for works.
- Carry out welds following approved WPS and drawings.

## 6. Final Alignment & Inspection

- Check verticality, level, and alignment of all assembled steel.
- Record results on inspection forms.

## 5. Health, Safety & Environmental

- Conduct toolbox talk before commencement of works.
- Use appropriate PPE at all times.
- Follow lifting plan and safety procedures for cranes and equipment.
- Maintain clean and orderly site conditions.

## 6. Quality Control

- All materials must have valid approvals and test certificates.
- Inspection requests to be raised as per ITP for each stage.
- Non-conformities to be managed through NCR procedures.

### Prepared by:

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Name & Signature

Date

### Reviewed by:

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Name & Signature

Date