

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:

Name & Signature

Date

Reviewed by:

Name & Signature

Date