

Method Statement for Bridge Formwork and Falsework

1. Scope

This method statement outlines the procedure and control measures for the installation, inspection, and removal of formwork and falsework for bridge construction.

2. References

- Project Specifications
- Approved Drawings
- Relevant Codes and Standards

3. Responsibilities

- **Site Engineer:** Supervise and ensure work follows method statement.
- **Foreman:** Execute tasks as per instructions and approved drawings.
- **Safety Officer:** Monitor safety compliance.

4. Materials & Equipment

Material/Equipment	Description
Formwork Panels/System	As per design and approved drawings
Falsework	Scaffoldings, steel and timber supports
Release Agents	To prevent adhesion
Tools	Hand tools, measuring devices, PPE

5. Procedure

- Verify latest drawings and approved formwork/falsework designs.
- Inspect and prepare substrate and foundation for falsework erection.
- Assemble falsework supports according to specifications and ensure proper alignment and stability.
- Install formwork panels securely, verifying dimensions and levels.
- Apply release agent as required.
- Request inspection and approval prior to concrete pouring.
- Monitor formwork and falsework during concrete placement.
- Remove formwork and falsework after achieving required concrete strength, following proper sequence for safety.

6. Inspection & Testing

- Formwork and falsework to be inspected prior to, during, and after concrete works.

- Maintain records of inspections and approvals.

7. Safety & Environmental

- Provide and use appropriate PPE at all times.
- Ensure working platforms are clear and stable.
- Follow safe lifting and manual handling procedures.
- Prevent release agent spillage and collect waste for proper disposal.

8. Attachments

- Inspection Checklist
- Approved Drawings
- Material Certificates (as applicable)

Prepared By:

Date: _____