

Method Statement for Concrete Pouring Activities

1. Purpose

The purpose of this method statement is to describe the sequence and method of concrete pouring activities to ensure the work is carried out safely and to recognized standards.

2. Scope

This statement covers all processes related to concrete pouring, including preparation, pouring, compacting, and curing on project site.

3. Responsibilities

- **Site Engineer:** Oversee the work and ensure compliance.
- **Supervisor:** Supervise the workforce.
- **Workers:** Execute the activities as per instructions.

4. Tools and Equipment

- Concrete Mixer/Transit Mixer
- Vibrators
- Wheelbarrow
- Shovels and Trowels
- Curing Equipment
- PPE (Personal Protective Equipment)

5. Procedure

1. **Site Preparation:** Ensure formwork and reinforcements are properly installed and inspected.
2. **Material Check:** Verify batch tickets and mix design.
3. **Receiving Concrete:** Check slump and temperature of delivered concrete.
4. **Pouring:** Pour concrete in layers not exceeding 300mm using chute or pump. Avoid segregation.
5. **Compaction:** Compact concrete using mechanical vibrators to remove air pockets.
6. **Finishing:** Level and finish concrete surface as specified.
7. **Curing:** Initiate curing as soon as possible using approved methods (water, curing compound).

6. Safety

- All personnel must wear PPE.
- Ensure clear access and egress to pouring area.
- Keep first aid kit on site.
- Maintain good housekeeping and spill control.

7. Quality Control

- Monitor temperature and slump for every batch.
- Record compaction and finishing operations.
- Test samples as required by project specifications.

8. Emergency Procedures

- Stop pouring in case of equipment failure or adverse weather.

- Report incidents to Site Engineer immediately.

9. Reference Documents

- Project Specifications
- Approved Concrete Mix Design
- Relevant Codes and Standards

10. Approval

Prepared by

Checked by

Approved by