

Work Method Statement

Plumbing and Drainage Works

Project Name	
Location	
Prepared By	
Date	
Reviewed By	

1. Scope of Work

This method statement covers the installation of plumbing and drainage works including pipe laying, jointing, support systems, quality checks, and commissioning as per project drawings and specifications.

2. Responsibilities

- Site Engineer: Supervision and verification
- Plumbing Supervisor: Coordination and allocation of resources
- Skilled Workers: Installation and testing

3. Materials, Tools & Equipment

- PVC, PPR, or HDPE Pipes and Fittings
- Pipe Wrenches and Cutters
- Measuring Tape and Marker
- Thread Sealing Compound/Tape
- Pressure Testing Machine
- Safety PPE

4. Procedure

1. Receive, inspect, and store materials as per manufacturer requirements.
2. Mark layout for pipe routes as per approved drawings.
3. Cut pipes to required lengths and prepare fittings.
4. Lay pipes in designated positions, ensure correct slopes for drainage.
5. Joint pipes (glue/thread/electrofusion) as specified.
6. Install pipe supports/fixings at required intervals.
7. Connect pipes to fixtures and main supply lines.
8. Conduct pressure testing and leakage inspection.
9. Backfill trenches (if applicable) only after inspection approval.
10. Final inspection and commissioning.

5. Safety Measures

- Use of PPE: helmet, gloves, safety shoes, goggles.
- Follow lifting and manual handling procedures.
- Ensure area is cordoned off to prevent unauthorized access.
- Check for underground services before excavation.

6. Quality Control

- Check materials for conformity with specifications.
- Verify pipe alignments, joints, and supports as per standards.
- Ensure proper documentation of testing and inspections.

7. Attachments

- Approved Drawings
- Material Submittals
- Inspection and Test Plan

Prepared By:

Approved By: