

Inspection and Test Plan (ITP) Document for Bridges

Project Details

Project Name: _____
Location: _____
Main Contractor: _____
Date: _____

Scope of Inspection

This Inspection and Test Plan (ITP) outlines the inspection and testing activities to be undertaken during the construction of the bridge to ensure compliance with the project specifications and relevant standards.

Inspection and Test Plan Table

Activity	Inspection/Test	Acceptance Criteria	Frequency	Responsible	Reference	Record/Report
1. Material Delivery	Material Verification	Compliance with Material Specs	Each Batch	QA/QC Engineer	Material Specs	Delivery Docket, Inspection Report
2. Reinforcement	Visual Check, Bar Size/Spacing	Prior to Concreting	Each Section	Site Engineer	Drawings, Standards	Inspection Checklist
3. Formwork	Alignment, Support Check	No Movement, Correct Shape	Before Pouring Concrete	QA/QC Engineer	Drawings, Specs	Formwork Inspection Report
4. Concrete Works	Slump Test, Cube Testing	Specified Strength Achieved	Per Pour / Per 50m ³	Lab Technician	ASTM/BS Standards	Test Results, Pour Record
5. Post-Tensioning	Stress Record, Elongation	Within Tolerance	Each Tendon	Supervisor	Design Docs	Post-Tensioning Report
6. Waterproofing	Visual Inspection	No Defects/Leaks	Each Application	Site Engineer	Specs	Inspection Report
7. Final Inspection	Overall Quality Check	No Pending Defects	At Completion	QA/QC Engineer	ITP, Drawings	Completion Certificate

Signatures

Prepared By: _____ **Date:** _____
Reviewed By: _____ **Date:** _____
Approved By: _____ **Date:** _____