ChecklistGuro

Concrete Pour Readiness Checklist: Formwork, Reinforcement & Quality Control

Formwork Inspection

Verify formwork stability, alignment, and bracing to ensure concrete placement accuracy and prevent blowouts.

Formwork Alignment Deviation (mm)

Enter a number...

Tie Spacing (mm)

Enter a number...

Formwork Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Detailed Formwork Condition Notes

Write something...

Bracing Adequacy

- [ ] Adequate
- [ ] Insufficient
- [ ] Not Present

Formwork Photo Documentation

Upload File

Reinforcement Placement

Confirm correct bar size, spacing, and placement per approved drawings. Check for proper cover and tying.

Bar Size (Diameter in inches)

Enter a number...

Spacing Between Bars (in inches)

Enter a number...

Concrete Cover (in inches)

Enter a number...

Bar Grade Verification (e.g., ASTM A615)

- [ ] Grade 60
- [ ] Grade 50
- [ ] Grade 75
- [ ] Other (Specify in Long Text)

Notes on Bar Placement or Adjustments

Write something...

Tie Wire Type

- [ ] Aluminum
- [ ] Galvanized Steel

Bar Location Correctness

- [ ] Correct
- [ ] Incorrect - Needs Adjustment

Subgrade Preparation

Assess subgrade compaction, moisture content, and debris removal to ensure adequate support for the concrete slab.

Subgrade Compaction Factor (%)

Enter a number...

Moisture Content (%)

Enter a number...

Description of Subgrade Condition

Write something...

Soil Type

- [ ] Clay
- [ ] Sand
- [ ] Gravel
- [ ] Silt
- [ ] Loam

Subgrade Photo Documentation

Upload File

Level of Debris

- [ ] None
- [ ] Minor
- [ ] Moderate
- [ ] Significant

Weather Conditions

Evaluate temperature, precipitation, and wind conditions to determine potential impact on concrete curing and strength.

Ambient Temperature (°C)

Enter a number...

Concrete Temperature (°C)

Enter a number...

Wind Conditions

- [ ] Calm
- [ ] Light Breeze
- [ ] Moderate Wind
- [ ] High Wind

Precipitation

- [ ] None
- [ ] Light Rain
- [ ] Moderate Rain
- [ ] Heavy Rain
- [ ] Snow

Date of Weather Observation

Enter date...

Time of Weather Observation

Material Verification

Check concrete mix design, slump, and aggregate quality against project specifications. Verify water quality.

Concrete Slump (inches)

Enter a number...

Ambient Temperature (°F)

Enter a number...

Air Temperature (°F)

Enter a number...

Concrete Mix Design Confirmed?

- [ ] Yes
- [ ] No

Water Quality Verified?

- [ ] Yes
- [ ] No

Concrete Batch Ticket

Upload File

Notes on Materials

Write something...

Equipment Readiness

Ensure availability and functionality of pumps, vibrators, and finishing tools. Check for fuel and lubrication.

Pump Flow Rate (GPM)

Enter a number...

Vibrator Frequency (Hz)

Enter a number...

Finishing Tools Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Last Maintenance Date (Pump)

Enter date...

Estimated Pour Start Time

Fuel Level (Generator/Pump)

- [ ] Full
- [ ] 75%
- [ ] 50%
- [ ] 25%
- [ ] Empty

Equipment Photos (Pre-pour)

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Safety Protocol

Confirm presence and functionality of safety barriers, signage, and PPE for all personnel involved.

PPE Availability (Check all that apply)

- [ ] Hard Hats
- [ ] Safety Glasses
- [ ] Gloves
- [ ] High-Visibility Vests
- [ ] Steel-Toed Boots

Number of Safety Barriers Present

Enter a number...

Location of First Aid Kit

Set My Current Location

Date of Last Safety Briefing

Enter date...

Safety Signage Adequacy

- [ ] Adequate
- [ ] Needs Improvement
- [ ] Insufficient

Any Observed Safety Hazards?

Write something...

Safety Observer Signature