READY TO INSPECT — FIELD CHECKLIST

Precast concrete final inspection checklist

Precast concrete final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against PCI guidance, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the erector, walking the completed structure before the frame is enclosed. When: After erection is complete and connections, welds and grout have cured, before the envelope closes the joints in.

Connections complete

- [ ] **Every connection welded, bolted and cured** — 2 photos required
  Each connection closed out to its detail, welds cleaned and sized, bolts tensioned, grout cured hard before signoff.
- [ ] **Bracing removed only after connections carry load** — 1 photo required
  Temporary bracing struck only where permanent connections and grout are verified complete, no piece left relying on bracing.
- [ ] **Weld areas cleaned and touch-up coating applied** — 1 photo required
  Slag and spatter removed at each field weld, galvanized or primed hardware touched up with the coating the specifications call for.
- [ ] **Special inspection reports closed with no open discrepancies** — No photo required
  Final special inspection reports for the erection connections received; each discrepancy the inspector reported shows its correction and the inspector's follow-up.
- [ ] **Precaster's and erector's closeout records on file** — No photo required
  Piece production records, the erector's final connection report and any EOR-approved field changes to connection details gathered for the turnover package.

Bearings under load

- [ ] **Bearing pads still centered now that load is on** — 1 photo required
  At each exposed bearing, pad still centered under the member with no walking, bulging or edge crushing since the pieces above were set.
- [ ] **Bearing ends and corbels checked for cracking under load** — 1 photo required
  Bearing ends, corbels, dapped ends and connection zones looked over after loading; any crack located and reported to the precaster and EOR.

Joints and finish

- [ ] **Panel and joint alignment consistent across the face** — 2 photos required
  Joint widths even, panel faces flush within tolerance, no stepping or drift carried up the elevation.
- [ ] **Chamfers and arrises clean and unbroken** — 1 photo required
  Chamfered edges continuous, no rig damage or handling chips left in the exposed arris lines.
- [ ] **Lifting inserts and erection pockets patched or plugged** — 1 photo required
  Lifting loops cut back and inserts, blockouts and erection pockets on exposed faces filled per the precaster's detail.

- [ ] Panel faces checked for rust and weld staining
  Faces below connections and exposed hardware free of rust bleed and weld spatter marks, cleaned by the method the precaster allows.
  1 photo required

- [ ] As-built panel positions shared with the envelope trades
  Joint widths and out-of-tolerance locations surveyed and handed to the window, sealant and roofing trades before they start, not discovered mid-install.
  No photo required

Joint treatment

- [ ] Waterproofing and joint treatment at panel joints
  Joint waterproofing or sealant applied over cured grout, continuous at the panel joints with no missed runs.
  2 photos required

- [ ] Joint treatment carried to adjacent systems
  Where panel joints meet windows, roof edges and foundations, the joint treatment runs to the adjacent system with no open ends.
  1 photo required