

Structural masonry special inspection checklist

Grout hides the reinforcement, and finishes hide the grout. The independent inspector confirms the materials and the steel, witnesses the sampling, and records grout placement before the wall closes it in.

Who runs it: A third-party or owner's-rep special inspector for masonry, with the mason and the testing lab. When: At material delivery, during laying and reinforcement placement, and at each grout lift and sampling.

Materials and proportions

- ☐ Units, mortar and grout materials match the approved submittals
Unit type, mortar type and grout consistent with the specification.1 photo required
- ☐ Mortar and grout proportioning verified
Batching or proportions observed against the specified mix.1 photo required

Reinforcement and grouting

- ☐ Reinforcement size, position and lap verified before grouting
Bar placement, spacing and cell alignment checked while cells are still open.3 photos required
- ☐ Cleanouts, consolidation and grout lift height observed
Cleanouts present at the base of tall lifts; consolidation and lift height controlled.2 photos required
- ☐ Grout placement witnessed at each lift
Grout reaches the specified cells fully; no voids left where it matters.2 photos required

Sampling and testing

- ☐ Mortar, grout or prism specimens taken and witnessed
Specimens made at the specified frequency and cured for testing.2 photos required