

Definable Feature of Work Check List
03310
Cast-in-Place Concrete

Preparatory Phase

Review each paragraph of Specification section 03310.

Review Contract Drawing for locations building concrete and sequence of placement.

Verify that mix designs, finish and curing compounds have been submitted and approved.

Verify that all related excavation and concrete formwork will be completed prior to commencement of this work.

Coordinate with placement of under slab vapor barrier.

Discuss placement and finishing methods to be utilized, location and method of creating weakened plane joints, curing methods and compatibility with subsequent applied floor finishes.

Review the subcontractor's safety plan and activity hazard analysis to ensure that applicable safety requirements are met.

Initial Phase

Verify under slab vapor barrier is in place and undamaged.

Take necessary precautions to prevent damage to vapor barrier.

Verify that concrete conforms to approved mix designs and is placed within prescribed time limits established in ASTM C94 or ACI 301.

Verify that any additional water added at the site does not exceed the required to meet the specified water cement ratio or slump.

Verify that placement methods do not cause segregation of mix.

Verify that proper vibration is provided.

Verify that finish and curing materials used conform to approved submittals.

Verify that the QC Specialist performs slump and temperature test and prepares cylinder samples.

Verify that safety equipment and personal safety protection devices are used and worn.

Follow-up Phase

Take necessary precautions to prevent damage to vapor barrier.

Verify that concrete conforms to approved mix designs and is placed within prescribed time limits established in ASTM C94 or ACI 301.

Verify that any additional water added at the site does not exceed that required to meet the specified water cement ratio or slump.

Verify that placement methods do not cause segregation of mix.

Verify that proper vibration is provided.

Verify that finish and curing materials used conform to approved submittals.

Verify that the QC Specialist performs slump and temperature test and prepares cylinder samples.

Ensure the rework items are being corrected.

Verify that safety equipment and personal safety protection devices are used and worn.