

4550510 STRUCTURES FOUNDATIONS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comment: (5-7-13)

455-15.8.3 Fluid in Excavation at Time of Concrete Placement, second paragraph:

Most of the miscellaneous shafts that I have done are less than 30' in depth. Will one slurry sample within 1' inch of the base of the shaft be sufficient? Or should one more test be added or read with a minimum amount of 2 or 3 tests?

Take samples of the fluid in the shaft from within 1 inch of the base of the shaft and at intervals not exceeding ~~+~~30 feet up the shaft, using an approved sampling tool designed to sample over a depth range of 12 inches or less. Take whatever action is necessary prior to placing the concrete to bring the fluid within the specification and reporting requirements, outlined in the tables in 455-15.8.1, except as follows:

(suggested language highlighted below)

Take samples of the fluid in the shaft from within 1 inch of the base of the shaft and at intervals not exceeding ~~+~~30 feet up the shaft, *and within 5 feet of top the shaft*, using an approved sampling tool designed to sample over a depth range of 12 inches or less. Take whatever action is necessary prior to placing the concrete to bring the fluid within the specification and reporting requirements, outlined in the tables in 455-15.8.1, except as follows:

OR

Take samples of the fluid in the shaft from within 1 inch of the base of the shaft and at intervals not exceeding ~~+~~30 feet up the shaft, *and one at the midpoint of shafts less than 30 feet*, using an approved sampling tool designed to sample over a depth range of 12 inches or less. Take whatever action is necessary prior to placing the concrete to bring the fluid within the specification and reporting requirements, outlined in the tables in 455-15.8.1, except as follows:

Response: One sample (from within 1" from the bottom) will be sufficient for shafts less than 30 ft in depth. No Change made.
