

DISTRICT 2 CONSTRUCTION QC/QA PLAN

QUALITY ASSESSMENT GUIDE

EFFECTIVE DATE: April 17, 1998
Revised as of 12/21/10

General Concrete 346 Specification (SPECIFICATIONS)

Number 16		CRITERIA USED
1.	Has the CEI staff verified that the Portland Cement Concrete is coming from an approved source?	Spec. 346-1
2.	Is the CEI staff aware of and enforcing the requirement that all concrete mixes must have an approved design mix on file prior to any concrete being poured?	Spec. 346-6.2
3.	Is a slump loss test made on concrete mixes used on all wet shaft excavations with mineral slurry? See slump loss records that are on file.	Spec. 346-3.2
4.	If there is a mass concrete pour, is the CEI staff aware of and enforcing the requirement to have the contractor provide an analysis of the anticipated thermal developments in the mass concrete elements for all expected project temperature ranges using the proposed mix design, casting procedure, and the ACI Manual of Concrete Practice to formulate, implement, administer and monitor a temperature control plan?	Spec. 346-3.3
5.	If there was a mass concrete pour, did the CEI staff obtain copies of all temperature readings?	Spec. 346-3.3
6.	Was the mass concrete plan approved prior to any mass concrete being poured?	Spec. 346-3.3
7.	Was the CEI staff aware of and enforcing the sampling and testing methods of the contractor as required by specifications?	Spec 346-5
8.	Was the Quality Control Plan approved prior to any concrete being placed?	Spec. 346-6.1
9.	Was the CEI staff aware of and enforcing the requirements of the contractor Quality Control Plan (QCP)?	Spec. 346-6.1
10.	If the contractor's QCP was not approved prior to pouring the first batch of concrete, was payment withheld until such time that the QCP was approved for concrete?	District Policy DELETED

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11. Is the CEI staff aware of and enforcing the requirement that the concrete delivery tickets contain the required information and that the delivery tickets are signed certifying the maximum water to cement ratio was not exceeded? Spec. 346-6.3

12. Is the CEI staff aware of and enforcing that the maximum allowable time between the initial introduction of water into the mix and depositing the concrete in place is not exceeded? Spec 346-7.6