

Bracketed section numbers refer to the 2006 *Standard Specifications*.

Section 11 Quality Control and Assurance

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4-1101 General

Section 11, “Quality Control and Assurance,” of the *Standard Specifications* describes the requirements relating to the contractor’s quality control activities during construction for specific items of work. This includes handling correspondence, submittals, reports, quality control (QC) plans, QC records, and certificates of compliance. It also includes sampling and testing of materials and inspection of work in progress.

4-1101 General

The general approach to quality control and quality assurance is that the contractor is responsible for the quality control of materials and workmanship used in the work. Caltrans is responsible for verifying the quality of materials and workmanship used in constructing the project. The sum of the contractor’s quality control and Caltrans’ quality verification is quality assurance.

4-1102 Before Work Begins

Before work begins, check project specifications to determine if a contractor-provided QC manager and QC inspector are required for specific items of work.

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If a QC manager and QC inspector are required, ensure that the contractor provides people who are qualified under applicable specifications and gives you their names and contact information.

Meet with the QC manager and QC inspector to discuss their duties and responsibilities as described in the specifications. Inform them that their quality control activities may at times need to be coordinated with Caltrans’ ongoing quality verification activities, as described throughout this manual. Discuss and answer questions that arise.

4-1103 During the Course of Work

During the course of work do the following:

- Verify that the required QC manager and QC inspector perform duties as specified. Ensure that correspondence, submittals, reports, QC plans, QC records, and certificates of compliance are handled as specified. Ensure that the quality control sampling, testing, and inspection are done to Caltrans’ standards and in a timely manner.
- Refer to Chapter 6, “Sampling and Testing” of this manual for additional guidance in ensuring materials and workmanship used in the work comply with specifications.

4-1103 During the Course of Work

4-1104 Measurement and Payment

For measurement and payment details, review contract specifications.

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