## Construction Quality Control Testing

The construction specifications the construction quality control responsibilities to the contractor. This approach is known as Contractor Quality Control (CQC) and information is available on the program in the contract documents.

Before starting any new construction project, the contractor is required to submit a Quality Control Plan to the FDOT for review and approval in the Materials Acceptance and Certification (MAC) program. The requirements are identified throughout the ***FDOT Standard Specifications***, particularly in Section 105, Contractor Quality Control General Requirements and in the MAC interface.

The Senior Project Engineer must be aware of the many FDOT testing requirements. All tests must be met, and the contractor is responsible for having all sampling and testing on the project performed by FDOT certified personnel. The contractor may employ an independent certified laboratory, train their own personnel, or use a combination of both methods to perform the required sampling and testing. To expedite training for the CQC program, the FDOT has contracted with outside firms to implement its training and qualifications program for construction technicians and contractor personnel. This program is better known as the Construction Training Qualification Program (CTQP). The contractor's Quality Control Plan (including certifications) is reviewed and approved by the FDOT prior to the start of the job.

FDOT maintains the right to perform any inspection, sampling, and testing on the project it considers appropriate to verify the results submitted by the contractor on any materials or process. This procedure is known as independent assurance (IA) testing, which is performed by random sampling.

The State Materials Office and the State Construction Office have combined all pertinent contractor Quality Control information and requirements on the Contractor's Quality Control website. The CPAM covers the entire scope of sampling and testing requirements for construction projects and provides excellent guidelines on how it is best implemented See ***CPAM 3.3: Contractor's Quality Control Plan*** and ***CPAM 5.8: Control of Materials*** for more information

.