

Submitter	Subarticle	Comment	Response
Susan Blazo	Title	The title of this section should be "Contractor Quality Control - General Requirements". It has expanded beyond the QC Plan and will be the place we detail as many general requirements as we can in the future.	Change Made
Susan Blazo	105-1	Reword the first sentence of the article to "Certain operations require personnel with specific qualifications."	Change Made
Susan Blazo	105-1	1st paragraph, 2nd sentence: After the words Quality Control, add "(QC)".	Change Made
Susan Blazo	105-1	2nd paragraph, all three sentences, change "Quality Control Plan" to "QC Plan".	Change Made
Susan Blazo	105-2:	Make the last sentence of the paragraph a separate paragraph and reword. "This notarized certification will also be required as a final certification summarizing all QC EXCEPTIONS before final payment will be made in accordance with 9-9.	Change Made
Susan Blazo	105-3.1	In the 1st sentence, change Quality Control to QC.	Change Made
Susan Blazo	105-3.2.2	Change Quality Control to QC.	Change Made
Susan Blazo	105-3.6.1	Add "(latitude and longitude)" after X-Y.	Change Made
Susan Blazo	105-3.6.2	Change Quality Control to QC.	Change Made
Susan Blazo	105-3.7.3	Delete the existing wording and reword this subarticle to "Identify Producers. All producers must have accepted QC Programs and be listed on the Department's Approved Producer List."	Change Made
Susan Blazo	105-3.7.4	Change quality control to QC. In the last sentence, change "Quality Control Program" to "QC Plan".	Change Made
Susan Blazo	105-4:	1st paragraph, 1st and 2nd sentences; 2nd paragraph, 1st sentence and 2nd sentence; 3rd paragraph, change "Quality Control Plan" to "QC Plan".	Change Made

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Susan Blazo	105-5.1	1st paragraph, 3rd sentence, change.. Continuance of ...qualifications "are" to "is". Delete 2nd paragraph regarding CTQP website.	Change Made
Susan Blazo	105-5.2	This used to be "Contractor" Quality Control Manager. Is that redundant?	Either way is okay with Ananth. Leave as is. No change.
Susan Blazo	105-5.2	Change "Quality Control" to "QC" in the subarticle title, the 1st sentence and the 3rd sentence.	Change Made
Susan Blazo	105-5.2	2nd paragraph, 1st sentence, delete the word "program" and the last "activities". The sentence should read "...summarize the daily QC activities including testing and material sampling."	Change Made
Susan Blazo	105-5.5	Change "Quality Control" to "QC" in subarticle title.	Change Made
Susan Blazo	105-5.5.1 and 105-5.5.2	Change "qualifications" to "qualification" in the last sentences of both subarticles.	Change Made
Susan Blazo	105-5.6	Change "Quality Control" to "QC" in subarticle title.	Change Made
Susan Blazo	105-5.6.1 & 105-5.6.2	Take the 1st sentence in 105-5.6.2 and move it to the end of 105-5.6.1. It's talking about plant technicians and should be in the paragraph above where it is now.	Change Made
Susan Blazo	105-5.6.3	Change the title from "Hot Mix Asphalt Designer" to "Asphalt Hot Mix Designer".	Change Made
Susan Blazo	105-5.6.4	1st sentence, change "quality control" to "QC".	Change Made
Susan Blazo	105-5.7	Change "Quality Control" to "QC" in subarticle title.	Change Made
Susan Blazo	105-5.7.1	1st paragraph, 2nd sentence insert the word "materials" after cementitious.	Change Made
Susan Blazo	105-5.7.2	Add the word "Field" to the first sentence and make the "T" in Technicians small case. "Change Quality Control" to "QC" in the last sentence.	Change Made
Susan Blazo	105-5.7.4	Should read: "Ensure each concrete production facility has "a"(not an) Facility Manager for Quality	Change Made

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		Control with the following qualifications: 1. Qualified as a CTQP Concrete Laboratory Technician Level II or, qualified as a CTQP Concrete Laboratory Technician Level I, Concrete Field Technician – Level I, and Batch Plant Operator. 2. Three years of "QC" experience directly related to cement concrete production. 3. Demonstrated proficiency in implementing, supervising, and maintaining surveillance over a "QC Program". 4. Experience or certification in performance of required "QC" tests and in organization and statistical evaluation of "QC" test results."	
Susan Blazo	105-5.9	2nd paragraph, 1st sentence, change PCI "Quality Control" to PCI "QC".	Change Made
Susan Blazo	105-11	This section pertains to bridge requirements. Moving it under the signalization, it's in the wrong place. However, the QC Program team would like this language to apply to all the requirements, not just bridge. In that case, it is good where it is, but needs to be reworded to a more general nature.	*The original change was proposed by Construction under the bridge requirements. Does construction want the language to apply to all or just bridge? If bridge, it needs to be moved. If all, we need to reword. I have made changes for the general concept. QC Program Team determined to apply the language to all qualification requirements. Changes made.
John Collins	105-4	Submit the Quality Control Plan to the Engineer for approval within 21 calendar days after the Contract Award. The Engineer will review the Quality Control Plan and respond to the Contractor within 21	The conduct of the Department can clearly demonstrate that we always execute our awarded contracts. Furthermore, if you

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		<p>calendar days of receipt. Under the current rules for CQC projects, the QC plan must be submitted 21 days after the Award Date of the project. This requirement is outside the contract the Department intends to enter into with the contractor. In my understanding of contract law, the contractor can not be bound by this requirement as he has no valid contractual agreement. The FDOT and the contractor have no valid agreement until after the execution of the contract. Additionally, contractors do not enter into final agreements with subcontractors until they have a contract with FDOT. In our discussions with the contractors in this area when we make proposals for CQC work, they all echo the same thoughts. They particularly stress the part of not having final agreements with subs until after FDOT execution.</p> <p>It is our opinion the submittal should be tied to the Date of Execution with a submittal due 21 days after execution or at the pre-construction conference whichever date is closer to the date of execution. By this time the contractor has commitments from subs, suppliers, and consultants/laboratories to complete the work and furnish the necessary QC for the project. We have also discussed this concern with other consultants and they agree the Date of Execution is the proper place for the submittal clock to start.</p>	<p>were to tie the submission of the QC plan to the execution date, then the contract time would have started and we would not have time to review and approve QC Plan. The Department as 30 calendar days from the execution to issue the NTP and the NTP stipulates that time starts the 16th day. That adds up to 46 days. Realistically, we do not take the 30 days to issue to the NTP. So of you add up the 21 days to submit the plan and 21 days to review, it results in a time frame of 42 days.</p>
Vince Hafeli	Section 105-5.6.2	<p>Paving Technicians: The first sentence reads – Perform all asphalt plant related testing with a CTQP Asphalt Plant Level I Technician. Shouldn't this be located in Section 105-5.6.1?</p>	<p>Change made per comments above.</p>

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Vince Hafeli	105-503 Worksite Traffic Supervisor & 105-5.4 Flagger	Why are these two sections in the Quality Control Section? How do they relate to Quality? This being placed into this section may eventually lead to the QC Manager being responsible for MOT. That should not be the intent.	It is not the intent of the changes to make the QC Manager responsible for MOT. The intent of this specification change is to identify all the qualified personnel (not just CTQP qualified) that a Contractor must have on staff in one place. Leave as is.
Vince Hafeli	<u>105-5.7.1,</u> <u>105-5.7.2,</u> <u>105-5.7.3</u> & <u>105-5.7-4</u>	These sections when combined reference CTQP Certifications for Concrete Field Level I & II and Concrete Laboratory Level I & II. The CTQP site only offers certifications as a Concrete Field Inspector and Concrete Laboratory Inspector. Where do the level I & II's come into play? Where are these certifications offered?	Besides the courses offered by CTQP, there are other requirements for Level I and Level II. These requirements are outlined in the CTQM.
Vince Hafeli	<u>105-5.11</u>	Why does this section only reference bridge work when the 105 section relates to asphalt, concrete, earthwork, maintenance of traffic and electrical journeymen work?	Same as above*. Change made.
James Maxwell	105-2	We question the need for a "notarized monthly certification of compliance", as found on Page 2 of the proposal, at least as it applies to our business (aggregates production and supply). We just feel that there are enough controls and checks within the system that makes this redundant, especially in light of 105-3.7.2.	Producers will not have to comply with this requirement, only contractors. If a producer must supply a statement of certification, it would be addressed in 105-3.7.2 as Mr. Maxwell states. Leave as is, as it does not apply to producers.
James Maxwell	105-3.5	Does "Production Equipment" refer to processing machinery, or laboratory equipment? If processing machinery, this seems somewhat intrusive and of questionable value to the Department.	1. It refers to the production equipment and not the testing equipment, so lab equipment is not to be considered as "Production" equipment. 2. We have specified

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			<p>equipment in material specific specifications for what we want to know as minimum information; e.g. asphalt specs. We don't need to know every piece of equipment. Also, review the Checklist. If it is not an item on a checklist, the Department is not looking for that information for an individual trade. Leave as is.</p>
James Maxwell	105-3.6.2	<p>"Process Control System". This has always been the province of the producer. If included in the plan, it will be subject to review and possible alteration by the Department, despite what may very well be a real lack of knowledge of the system by the Department and for reasons for doing things a certain way. This may actually hurt more than help. We just think the Department should be focused on the final outcome (product), not on how we got there.</p>	<p>Refer to the material related specs and the checklists. It may not apply to all the materials. Leave as is.</p>
James Maxwell	105-3.6.3	<p>We have concerns with 105-3.6.3, "Loading and Shipping Control", specifically the last sentence asking us to "describe the methods established for materials to be in compliance with the specifications at the point of use". At least for an aggregate supplier, it seems there needs to be some mechanism that recognizes when title passes to the customer and when responsibility for compliance is then transferred to the customer. We find it hard to accept responsibility for aggregate specification compliance after title has been transferred, especially when several intermediate steps may be</p>	<p>If the responsibility is moved to the customer (the Contractor) the Department does not expect anything from the producer. Refer to individual checklists when a producer is required to provide details. Leave as is.</p>

Submitter	Subarticle	Comment	Response
		involved with aggregates before actual "point of use".	
James Maxwell	105-5.2	For Section 105-5.2, "Quality Control Manager" we have questions about the need for the QC Manager to be on site daily or always available upon four hours notice to administer the plan. We just feel this doesn't reflect actual business conditions that sometimes requires a QC Manager to be offsite conducting business or not within four hours notice to administer the plan. Additionally, if taken literally, we have an issue with the statement "adjusting the processes to ensure compliance with the Contract Documents". Again, if taken in a literal sense, this crosses the lines of responsibilities into Operations, over which QC should not have control or responsibility for, and usually not the training and experience for.	Construction has defined these requirements and determined the four-hour notice. For now it will remain as it is. If, in the future, it becomes apparent that this requirement needs to be adjusted, we will review and make changes as necessary at that time.
jim@coastalmarineconstruction	N/A	These changes put an undue burden on small contractors. It seems the Departments intention is to have only large contractors submitting bids, which will limit competition.	The intent of the Contractor Quality Control Program is to level the playing field and give contractors more control over their own processes. This philosophy will have benefits for contracting firms of all sizes.
Jim Warren	105-5.2	The frequency of entering data into CQR of Daily is too tight. Keeping up with the documentation is one thing, daily entry into CQR is another. It should be a goal to enter data into CQR daily, but to ding a contractor for it is something else. Frequency should be changed to weekly.	Construction has defined these requirements and determined the daily basis. For now it will remain as it is. If, in the future, it becomes apparent that this requirement needs to be adjusted, we will review and make changes as necessary at that time.

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Charles Manganaro	105-5.2	Item 105-5.2 states in the last paragraph last sentence to "Ensure that QC test data is entered into the Department's database on a daily basis" Will they have access to the FDOT database?	This is not an issue that can be addressed in the specification. Leave as is, but continue to pursue access issues outside the realm of the specifications with the focus that it is a specification requirement.
Kevin C. Hanley	105-5	Construction operations that require a qualified technician must not begin until the Department verifies that the technician is on the CTQP list of qualified technicians. How will the Department notify the Contractor?	This is part of the QC Plan review. If the technician(s) submitted are not qualified, the plan will not be approved. In the disapproval letter, the Resident Engineer will list this as a deficiency along with any other deficiencies. No Change Required.
Kevin C. Hanley	105-5	The QC Manager must be on-site at the project on a daily basis or always available upon four hours notice to administer the construction Quality Control (QC) Plan. On-site on a daily basis is unreasonable.	This item has already been addressed. If the QC Manager is not on-site on a daily basis, he/she must be available within 4 hours notice. No change required.
Kevin C. Hanley	105-5.5.2, 105-5.7.1 and 105-5.8.4.1	Suggestions for rewording the qualification requirements for ECI LII, Concrete Level I and Bridge Project Engineer.	The language for these sections was developed by each TRT. They coincide with CTQM documentation as well as the overall program requirements (in the case of the ECI and Concrete qualifications). No change at this time.
SCO and SMO	105-3.2.1	The QC Plan requires both the names and TINS for qualified personnel. This is contrary to the Department's policy not to have both on the same documentation. Change this section to reflect a	Change made.

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		requirement of only the TIN.	