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<th>CTQP Qualification</th>
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<th>Instruction / Exam Duration</th>
<th>Open / Closed Book</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregate Testing Technician</td>
<td>None</td>
<td>1. Obtain ACI Aggregate Testing Technician - Level I Certification OR 2. Obtain ACI Concrete Lab Level 1 3. Watch FDOT Video – Sampling Aggregates</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years</td>
<td>Manual Revision: 9/3/08 The date of qualification shall be the date the last qualification requirement was satisfied. The CTQP qualification shall expire on the date of expiration of the ACI Aggregate Testing Technician Level 1 Certification.</td>
<td>No</td>
<td>Exam details Per ACI Per ACI</td>
<td></td>
</tr>
<tr>
<td>Aggregate Base Testing Technician</td>
<td>None</td>
<td>1. Obtain ACI Aggregate Base Testing Technician Certification OR 2. Watch FDOT Video – Sampling Aggregates</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years</td>
<td>Manual Revision: 9/3/08 The date of qualification shall be the date the last qualification requirement was satisfied. The CTQP Qualification shall expire in 60 months from date of expiration of the ACI Aggregate Base Testing Technician.</td>
<td>No</td>
<td>Exam details Per ACI Per ACI</td>
<td></td>
</tr>
<tr>
<td>Qualified Sampler Technician</td>
<td>None</td>
<td>1. a. Pass Sampler Tech Written Exam b. Pass Sampler Tech Proficiency Exam c. Watch FDOT Video Sampling Aggregates OR 2. Obtain CTQP Aggregate Testing Technician Qualification OR 3. Obtain CTQP Aggregate Base Testing Technician Qualification</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years</td>
<td>Manual Revision: 9/3/08 The date of Qualification shall be date that last requirement was satisfied. The CTQP Qualification shall expire in 60 months from date of completion of the final LBR exam or expire on the date of expiration of the ACI certification.</td>
<td>No</td>
<td>1 day / 1.0 hour Open</td>
<td></td>
</tr>
<tr>
<td>LBR Technician</td>
<td>None</td>
<td>1. Be CTQP Aggregate Base Testing Technician Qualified 2. Pass LBR Written Exam 3. Pass LBR Proficiency Exam</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years or Expiration of ACI</td>
<td>Manual Revision: 9/3/08 The date of qualification shall be the date the last qualification requirement was satisfied. The CTQP Qualification shall expire in 60 months from date of expiration of the ACI Aggregate Base Testing Technician certification, whichever is earlier.</td>
<td>No</td>
<td>1 day / 1.0 hour Open</td>
<td></td>
</tr>
<tr>
<td>Asphalt Paving Level 1</td>
<td>None</td>
<td>1. Pass Paving Level 1 Written Exam 2. Pass Paving Level 1 Proficiency Exam</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/21/2010 1. Asphalt Paving Level I (even if it is expired) is automatically requalified with a successful requalification of Asphalt Paving level 2.</td>
<td>Yes</td>
<td>1 day / 2.0 hours- Written /2.0 hour Proficiency</td>
<td>Closed</td>
</tr>
<tr>
<td>Asphalt Paving Level 2</td>
<td>Pass Asphalt Concrete Paving Self Study - 90 Days experience</td>
<td>1. Pass Paving Level 2 Written Exam 2. Pass Paving Level 2 Proficiency Exam 3. Have 90 Days experience</td>
<td>Pass Level II Written Exam</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/21/2010 1. As long as Level 2 is kept current, the Level 1 qualification will remain current. 2. An active Asphalt Paving level 1 qualification is not required as long as level 2 is not expired. 3. If the Paving Level II is expired, the technician will be considered as an initial qualifier and must obtain same requirements as initial.</td>
<td>Yes</td>
<td>3 days / 4.0 hours Open</td>
<td></td>
</tr>
<tr>
<td>Asphalt Plant Level 1</td>
<td>Pass Asphalt Concrete Testing Self Study (CQC Version)</td>
<td>1. Pass Plant Level 1 Written Exam 2. Pass Plant Level 1 Proficiency Exam</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/21/2010 Is not automatically requalified with a successful requalification of Asphalt Plant Level II.</td>
<td>No</td>
<td>3 day / 2.0 hours- Written /4.0 hour Proficiency</td>
<td>Closed</td>
</tr>
<tr>
<td>CTQP Qualification</td>
<td>Prerequisites FDOT Employees</td>
<td>Initial Qualification Requirement</td>
<td>Re-qualification Requirement</td>
<td>Term (Years)</td>
<td>Comments</td>
<td>Has Computer-Based Training (CBT)</td>
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<tr>
<td>Asphalt Plant Level 2 Section 3.5.4</td>
<td>Pass Asphalt Concrete Plant Inspection Self Study (CQC Version)- 90 Days experience</td>
<td>1. Pass Plant Level 2 Written Exam 2. Possess an active Asphalt Plant Level I qualification at the time of taking the Asphalt Plant Level II examination. 3. Have 90 Days experience</td>
<td>Pass II Written Exam</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/21/2010 1. An active Asphalt Plant Level I qualification is not required as long as level 2 is not expired. 2. Asphalt Plant Level I must automatically requalified with a successful requalification of Asphalt Plant Level II.</td>
<td>No</td>
<td>3 days / 4.0 hours</td>
<td>Open</td>
</tr>
<tr>
<td>Mix Design Section 3.5.5</td>
<td>None</td>
<td>1. Pass Asphalt Mix Design Written Exam 2. Possess an active Asphalt Plant Level I qualification at the time of taking the Asphalt Mix Designer qualification. 3. Have 90 Days Experience</td>
<td>Pass Mix Design Written Exam</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/21/2010 Not required to retake Plant Level 1 written exam for re-qualification as long as Mix Design is not expired.</td>
<td>No</td>
<td>3 day / 4.0 hours</td>
<td>Open</td>
</tr>
<tr>
<td>Final Estimates Level 1 Section 9.4.1</td>
<td>Pass Construction Math and Contract Plans Reading Self Study</td>
<td>1. Pass FE Level I Written Exam</td>
<td>Same as initial Qualification</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/8/07</td>
<td>Yes</td>
<td>CBT/2 hours</td>
<td>Closed (No Book)</td>
</tr>
<tr>
<td>Final Estimates Level 2 Section 9.4.2</td>
<td>Hold a FE Level 1 Qualification</td>
<td>1. Pass FE II Written Exam 2. Level I FE Qualification</td>
<td>Pass FE Level 2 Written Exam</td>
<td>Max 5 Years</td>
<td>Manual Revision: 1/8/07 As long as Level 2 is kept current, the Level 1 qualification will remain current.</td>
<td>No</td>
<td>2 Days/2 hours</td>
<td>Closed</td>
</tr>
<tr>
<td>Concrete Field Technician Level 1 Section 4.5.1</td>
<td>Optional: Pass Portland Cement Concrete Test Construction Math Self Studies</td>
<td>1. ACI Concrete Field Testing Tech Grade 1 Certification 2. Pass FDOT Concrete Field Inspector Spec. Written Exam</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years or Expiration of ACI</td>
<td>Manual Revision: 9/30/08 The date of qualification shall be the date that the last requirement was satisfied. The CTQP qualification shall expire in (5) five years (60) months from the FDOT spec exam or the date of expiration of the ACI Concrete Field Grade I certification (whichever is earlier).</td>
<td>Yes (FDOT Spec ONLY)</td>
<td>2 days / 2 hours</td>
<td>FDOT Concrete Field Exam</td>
</tr>
<tr>
<td>Concrete Field Test Technician Level 2 Section 4.5.2</td>
<td>Optional: Pass Portland Cement Concrete Test Construction Math Self Studies</td>
<td>1. a. ACI Concrete Field Testing Tech Grade 1 Certification b. ACI Concrete Transportation Construction Inspector (CTCI) Certification OR a. ACI Concrete Field Testing Tech Grade 1 Certification b. ACI Associate Concrete Transportation Construction Inspector (CTCI) Certification 2. Pass FDOT Concrete Field Inspector Spec. Exam</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years or Expiration of ACI</td>
<td>Manual Revision: 9/30/08 The date of qualification shall be the date that the last requirement was satisfied. The CTQP qualification shall expire in (5) five years (60) months from the FDOT spec exam or the date of expiration of the earliest required ACI certification (whichever is earlier).</td>
<td>Yes (FDOT Spec ONLY)</td>
<td>2 days / 2.0 hours</td>
<td>FDOT Concrete Field Exam</td>
</tr>
<tr>
<td>Concrete Lab Technician Level 1 Section 4.5.3</td>
<td>Optional: Pass Portland Cement Concrete Test Construction Math Self Studies</td>
<td>1. ACI Concrete Strength Test Tech Certification OR 2. ACI Concrete Lab Testing Tech Level 1 Certification a. ACI requires the following to obtain this certification: i. ACI Concrete Strength Testing Technician ii. ACI Aggregate Testing Technician - Level 1 iii. Both ACI Concrete Strength Testing Technician and ACI Aggregate Testing Technician - Level 1 MUST be taken within 2 years of each other.</td>
<td>Same as Initial Qualification</td>
<td>Max 5 Years or Expiration of ACI</td>
<td>Manual Revision: 9/30/08 The CTQP qualification shall expire in 60 months from the FDOT spec exam or the date of expiration of the earliest required ACI certification (whichever is earlier).</td>
<td>Yes (FDOT Spec ONLY)</td>
<td>Exam details Per ACI</td>
<td>Per ACI</td>
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<td>CTQP Qualification</td>
<td>Prerequisites</td>
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| Concrete Lab Technician Level 2 | Optional: Pass Portland Cement Concrete Test Construction Math Self Studies | 1. ACI Concrete Lab Testing Tech Level 1 Certification  
   a. ACI requires the following to obtain this certification:  
   i. ACI Concrete Strength Testing Technician  
   ii. ACI Aggregate Testing Technician - Level 1  
   iii. Both ACI Concrete Strength Testing Technician and ACI Aggregate Testing Technician - Level 1 MUST be taken within 2 years of each other.  
2. ACI Concrete Lab Testing Tech Level 2  
3. Pass FDOT Concrete Lab Inspector Specification Exam (Section 4.5.6)  
4. Have One year experience | Same as Initial Qualification | Max 5 Years or Expiration of ACI | Manual Revision: 9/30/08  
The date of qualification shall be the date that last requirement was satisfied. The CTQP qualification shall expire in 5 years (60 months) or the earliest expiration date of one of the required ACI Certification(s). | Yes (FDOT Spec ONLY) | 1 day / 2.0 hours  
FDOT Concrete Lab Exam  
ACI lab exam details per ACI | Open Book  
Open Spec. |
| Concrete Batch Plant Operator | Optional: Pass Portland Cement Concrete Test Construction Math Self Studies | 1. Pass Concrete Batch Plant Operator Written Exam  
2. Have 90 days work experience | Same as Initial Qualification | Max 5 Years | Manual Revision: 9/30/08  
None | No | Independent Self Study  
2.0 hours | CTQP Open Book  
Study Guide and/or Materials Manual only |
| Earthwork Construction Inspection Level 1 | Hold a valid nuclear radiation safety certificate | 1. Pass Earthwork Level 1 Written exam  
2. Pass Earthwork Level 1 Proficiency  
2. Valid Nuclear Radiation Safety Certificate | Max 5 Years | Manual Revision: 1/12/06  
NOTE: Applicants letting their qualification expire will be required to pass the Earthwork Level 1 written and proficiency examinations | Yes | 2 days / 2 hours | Closed |
| Earthwork Construction Inspection Level 2 | Pass Construction Math, Contract Plans Reading, Earthwork Inspection, Sub-grade and Base Inspection Self Studies and FDOT Pipe Placement Inspection Self-Study | 1. Pass Earthwork Level 1 Written Exam  
2. Pass Earthwork Level 2 Written Exam  
3. Have 30 days work experience | Pass Earthwork Level 2 Written exam | Max 5 Years | Manual Revision: 1/12/06  
Applicants letting their qualification expire will be required to meet all the Earthwork Level 2 qualification requirements | Yes | 2 days / 2.0 hours | Closed Book;  
Open Spec & Indexes |
| QC Manager | Pass Construction Math Self Study | 1. Pass QC Manager Written Exam  
2. Hold at least one of the following qualifications:  
   a. Aggregate Lab Test Tech  
   b. LBR Tech  
   c. Asphalt Paving Level 2  
   d. Asphalt Plant Level 2  
   e. Concrete Field Test Level 2 (Full ACI-CTCI Cert)  
   f. Concrete Lab Tech Level 2  
   g. ECI Level 2 | Same as Initial Qualification | Max 5 Years | Manual Revision: 5/18/2007  
The CTQP qualification shall expire in 5 years (60 months) from the QC Manager exam or the Level 2 qualification, whichever is earliest. | Yes | 2 days / 2.0 hours | Closed |
| Pile Driving Inspection | (1) Review: Section 455, FDOT Specifications + An FDOT project plan set.  
(2) Pass Construction Math, Contract Plans Reading, Structures Inspection - Part I & II.  
(3) Pass the electronic Pile Driving Self-Study Tutorials prior to attending the written examination.  
(4) Computer Field Data Entry Self-Study tutorial. | 1. Pass PDIT Written Exam  
2. Have 50 Days experience (observation by qualified inspector) | Pass PDIT Written Exam | Max 5 Years | Manual Revision: 10/29/2010 | No | 2.5 days / 2.0 hours | Open |
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<th>Has Computer-Based Training (CBT)</th>
<th>Instruction / Exam Duration</th>
<th>Open / Closed Book</th>
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| Drilled Shaft Inspection  | (1) Review: Section 455, FDOT Specifications + An FDOT project plan set.  
(3) Have 30 Days experience (observation by qualified inspector) | 1. Pass DSIT Written Exam  
2. Pass DSIT Proficiency Exam  
NOTE: Applicants letting their qualification expire will be required to pass the Drilled Shaft written and proficiency examinations | No | 2.5 days / 2.5 hours | Open Book  
Open Spec. |
| Qualified Grouting Technician Level 1 | None | 1. Take FDOT accredited Grouting course and pass examination | Same as Initial Qualification or pass re-qualification course | Max 5 Years | Manual Revision: 4/28/2010  
For accredited grouting training courses, consult:  
http://www.dot.state.fl.us/construction/structures/StructuresTraining.shtm | No | Not a CTQP Course | Not a CTQP Course |
| Qualified Grouting Technician Level 2 | None | 1. Take FDOT accredited Grouting course and pass examination  
2. Have 2,000 hours certified grouting work experience | Take Grouting course and pass examination or pass re-qualification course | Max 5 Years | Manual Revision: 4/28/2010  
For accredited grouting training courses, consult:  
http://www.dot.state.fl.us/construction/structures/StructuresTraining.shtm | No | Not a CTQP Course | Not a CTQP Course |
| Post Tensioning Technician Level 1 | None | 1. Take FDOT accredited Post Tensioning course and pass examination | Same as Initial Qualification | Max 5 Years | Manual Revision: 4/28/2010  
For accredited PT training courses, consult:  
http://www.dot.state.fl.us/construction/structures/StructuresTraining.shtm  
Click on Training and Accreditation link | No | Not a CTQP Course | Not a CTQP Course |
| Post Tensioning Technician Level 2 | None | 1. Take FDOT accredited Post Tensioning course and pass examination  
2. Have 2,000 hours certified PT work experience | Same as Initial Qualification | Max 5 Years | Manual Revision: 4/28/2010  
For accredited PT training courses, consult:  
http://www.dot.state.fl.us/construction/structures/StructuresTraining.shtm  
Click on Training and Accreditation link | No | Not a CTQP Course | Not a CTQP Course |