



AASHTO Accreditation Program (AAP) Personnel Requirements Summary Table

Note: Always refer to the recently published standards for more details.

| Requirements | AASHTO R 18 and AAP Procedures Manual | ASTM D3666 | ASTM D3740 | ASTM C1077 (Aggregate) | ASTM C1077 (Concrete) | ASTM C1093 (Masonry) | ASTM E329 ² |
|-------------------------------------|---|--|---|---|---|---|--|
| Technical Director / Manager | (A) 3 years of experience AND (B) a PE OR ATG approval | (A) 5 years of experience AND (B) a PE OR ATG approval | (A) 5 years of experience AND (B) a PE, PG, OR ATG approval | (A) 5 years of experience AND (B) a PE | (A) 5 years of experience AND (B) a PE | (A) 5 years of experience AND (B) a PE OR ATG approval | (A) 5 years of experience AND (B) a PE ³ |
| Laboratory Supervisor | (A) 3 years of experience AND (B) Performance evaluation records for any testing they conduct | (A) 3 years of experience AND (B) Certification through a program approved by a DOT or a national or regional authority or a PE ¹ | (A) 3 years of experience AND (B) Written exams ⁶ on ASTM or other governing procedures for at least 5 soil and rock standards OR a PE or PG ¹ OR current certification by national, regional or state authorities AND (C) Performance exams at least every 36 months | (A) 3 years of experience AND (B) Written exams ⁶ (max. 5-yr interval) and performance evaluations (max. 24-month interval) for C117, C127, C128, and C136 | (A) 3 years of experience AND (B) Written exams ⁶ (max. 5-yr interval) and performance evaluations (max. 24-month interval) for C39, C78 (if lab is accredited for this standard) and C617 or C1231 | (A) 5 years of experience performing testing (at least 2 years' experience in testing masonry) AND (B) Written exams ⁶ and performance evaluation records for relevant scope of testing for C140, C780, C1019, C1552 and written only for C270 and C1314 | (A) 3 years of experience AND (B) Certification by qualified national, regional, or state authority that includes at least one test in the scope of accreditation OR a PE ¹ (C) Conformance to underlying standard(s) |
| Field Supervisor | (A) 3 years of experience AND (B) Performance evaluation records for any testing they conduct | (A) 3 years of experience AND (B) Certification through a program approved by a DOT or a national or regional authority or a PE ¹ | AASHTO re:source does not evaluate credentials for this position in this standard | AASHTO re:source does not evaluate credentials for this position in this standard | (A) 3 years of experience AND (B) Written exams ⁶ (max. 5-yr interval) and performance evaluations (max 24-month interval) for C31, C138, C143, C172, C173, C231, and C1064 | (A) 5 years of experience performing testing, (at least 2 years' experience in testing masonry) AND (B) Written exams ⁶ and performance evaluation records for relevant scope of testing for C140, C780, C1019, and written only for C1314 | (A) 3 years of experience AND (B) Certification by qualified national, regional, or state authority that includes at least one test in the scope of accreditation OR a PE ¹ (C) Conformance to underlying standard(s) |
| Laboratory Technician | Performance evaluation records for any testing they conduct | A certification through a program approved by a DOT or a national or regional authority or a PE ^{1,4} | (A) Written exams ⁶ on ASTM or other governing procedures for at least 5 soil and rock standards ⁵ OR a PE or PG ¹ OR current certification by national, regional or state authorities AND (B) Performance exams at least every 24 months ⁴ | Written exams ⁶ (max. 5-yr interval) and performance evaluations (max. 24-month interval) for C117, C127, C128, and C136 | Written exams ⁶ (max. 5-yr interval) and performance evaluations (max. 24-month interval) for C39, C78 (if lab is accredited for this standard) and C617 or C1231 | Written exams ⁶ and performance evaluation records for relevant scope of testing for C140, C780, C1314, C1552, and written only for C270 and C1314 | (A) Written examinations ⁶ that include at least one test in the scope of accreditation OR a PE ¹ (B) Conformance to underlying standard(s) |
| Field Technician | Performance evaluation records for any testing they conduct | A certification through a program approved by a DOT or a national or regional authority or a PE ^{1,4} | AASHTO re:source does not evaluate credentials for this position in this standard | AASHTO re:source does not evaluate credentials for this position in this standard | Written exams ⁶ (max. 5-yr interval) and performance evaluations (max 24-month interval) for C31, C138, C143, C172, C173, C231, and C1064 | Written exams ⁶ and performance evaluation records for relevant scope of testing for C140, C780, C1019, and written only for C1314 | (A) Written examinations ⁶ that include at least one test in the scope of accreditation OR a PE ¹ (B) Conformance to underlying standard(s) |

(1) A PE (or PG for D3740) meets the certification requirements for these positions if the person is performing direct supervision and/or testing.

(2) All roles must also conform to the underlying standards.

(3) ATG approval is acceptable instead of a PE license when the laboratory is a producer and only performs quality control testing.

(4) Trainees working toward certification are acceptable for a limited time if working directly under the qualified supervisor at that location and do not evaluate or sign reports.

(5) For D3740, a technician who only performs less than 5 different standards can have their written and performance exams limited to those standards they perform.

(6) If internal exams are used, they shall include sufficient length and detail to conform to standard and AAP requirements as determined through AAP's review CERT review process.