



**Certification Policies
for
Aggregate Testing Technician – Level 1
Aggregate Testing Technician – Level 2**

*Last revised by the Certification Programs Committee
May 16, 2025*

The statements contained herein are a consolidation of approved policies and procedures. This policy statement supersedes all previous action of the ACI Board of Direction with respect to Aggregate Testing Technician certification.

The certification program policies are organized into eight sections as follows:

Section 1.0	Certification Criteria
Section 2.0	Examination Criteria
Section 3.0	Re-examination Criteria
Section 4.0	Appeals Criteria
Section 5.0	Sponsoring Group Criteria
Section 6.0	Examiner/Supplemental Examiner Criteria
Section 7.0	ACI Responsibilities
Section 8.0	Recertification Criteria

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SECTION 1.0 CERTIFICATION CRITERIA

- 1.1 The American Concrete Institute (ACI) certification programs for Aggregate Testing Technician—Level 1 (ATT1) and Aggregate Testing Technician—Level 2 (ATT2) shall require successful completion of both a written examination and a performance examination.
- 1.2 No specific education or work experience are required for ATT certifications. Certification as an ACI ATT2 requires current ACI ATT1 certification.
- 1.3 ACI certification for ATT1 and/or ATT2 shall be valid for a period of five [5] years from the date of completion of all certification requirements.
- 1.4 A technician shall be permitted to renew certification by satisfying the recertification requirements.

SECTION 2.0 EXAMINATION CRITERIA

GENERAL REQUIREMENTS

- 2.1 The content of the written and performance examinations for certification as an Aggregate Testing Technician—Level 1 is derived from the *Job-Task Analysis for ACI Aggregate Testing Technician—Level 1 Certification* (Annex 620.3-1). ACI will grant certification to examinees who successfully complete both the written and performance examinations within a one (1) year period.
- 2.2 The content of the written and performance examinations for certification as an Aggregate Testing Technician—Level 2 is derived from the *Job-Task Analysis for ACI Aggregate Testing Technician—Level 2 Certification* (Annex 620.3-2). ACI will grant certification to examinees who successfully complete both the written and performance examinations within a one (1) year period.
- 2.3 The examinations shall be conducted by the examiner, proctors, and/or supplemental examiners as applicable. [See Section 6.0]
- 2.4 The Examiners, Proctors, Supplemental Examiners, and/or Sponsoring Groups have no jurisdiction over the content of any examination or over the grading of the written examination.
- 2.5 The written examinations are open book; reference materials other than those approved by ACI shall not be permitted in the examination area. The performance examinations are closed book; notes or other technical material shall not be permitted in the examination area. Simple function (non-programmable) pocket calculators shall be permitted for all examinations.

WRITTEN EXAMINATION

- 2.6 The written examinations shall consist of approximately one hundred [100] multiple choice questions, with eight to twelve [8-12] questions on each Standard.
- 2.7 A maximum of two [2] hours shall be permitted for completion of each written examination.
- 2.8 Oral administration of the written examination is permitted, contingent upon prior approval in writing by the ACI Certification Department.
- 2.9 Successful completion of the written examination shall be considered as meeting both the following requirements:
- A) Score sixty percent [60%] or higher on each individual Standard (*e.g.*, six [6] correct out of ten [10] questions); AND
 - B) Score a minimum of seventy percent [70%] for the overall examination (*e.g.*, seventy [70] correct out of a possible one hundred [100])

PERFORMANCE EXAMINATION

- 2.10 The performance examination for certification as an ACI ATT1 and/or ATT2 shall require the examinee to perform, pursuant to the contents of the ACI performance examination checklists, procedures described in each of the Standards referenced in Sections 2.1 and 2.2, respectively.

Note: Some procedures and test methods may be described verbally as indicated on the performance exam checklists. Specific instructions keyed to these areas and describing administration procedures will be included with the exam materials for each session.

- 2.11 The examinee shall conduct the performance examination in the direct presence of the examiner or supplemental examiner(s).
- 2.12 The examinee's performance shall be evaluated based on the criteria of the performance examination checklist. Some sections of the checklist may involve the use of a worksheet on which the examinee must calculate test results; examinee shall be allowed no more than 30 minutes per worksheet to complete these calculations.
- 2.13 Grading for the individual performance examinations shall be on a pass/fail basis only, with the examiner/supplemental examiner indicating pass or fail for each step of the checklist.
- 2.14 Incorrect performance—including calculations on worksheets—or omission of one or more of the steps of the performance checklist shall constitute failure of that trial.

- 2.15 All sections of the performance exam required for certification must be taken within a single examination session not exceeding eight calendar days.

Note: This provision was adopted to address the number of tests on the performance exam, their complexity, and the amount of time in setup and administration necessary to conduct one initial full exam (all sections) once through in its entirety. It is not intended that examinees be allowed more than two attempts to pass any one test method within any single eight-day exam session.

- 2.16 An examinee shall be allowed a second trial, on the same day of the examination, if the first trial was not successfully completed for each of the applicable Standards.
- 2.17 The second trial of a particular test shall not be conducted immediately following the first trial.
- 2.18 An examinee shall be permitted to suspend one trial and begin the procedure over again. A voluntary suspension of a trial shall not be counted as a failure of that trial.
- 2.19 The examiner/supplemental examiner shall not stop a trial at any point which an error is made.
- 2.20 A second trial, or voluntary repeat of a trial, shall require performance of the entire test method from the beginning, not from the point the error was made.
- 2.21 Immediately following completion of each trial, the examiner/supplemental examiner shall inform the examinee of the results, either pass or fail.
- 2.22 When a failure of a trial occurs, the examiner/supplemental examiner shall inform the examinee of the particular step(s) performed incorrectly.
- 2.23 The examinee shall be permitted to leave the examination area between trials to consult notes or books.
- 2.24 It shall be the Sponsoring Group's responsibility to provide equipment which conforms to the applicable Standards and that it is in good working order. The examinee shall not be penalized as a result of faulty or incorrect equipment.

Note: In cases where the Supplemental Examiners have been approved to conduct the performance examination without the direct supervision of an approved Examiner (6.6), the Supplemental Examiner shall be responsible for determining that the equipment requirements listed in Section 2.24 are met.

- 2.25 Failure on any of the required Standards after two [2] trials will constitute failure of that section of the performance examination.

SECTION 3.0 RE-EXAMINATION CRITERIA

- 3.1 Failure of the written examination by either of the criteria cited under Section 2.9 shall require reexamination on the entire written examination.
- 3.2 Failure or invalidation (for example non-conformance with Section 6.5) of any of the required Standards covered by the performance examination in any one session shall require reexamination on the entire performance examination.
- 3.3 Reexamination on the written or performance examination must be taken within one [1] year of the initial examination. Otherwise, both the written and the performance examinations must be retaken in their entireties.

SECTION 4.0 APPEALS CRITERIA

- 4.1 All appeals shall be directed initially to the examiner.
- 4.2 In the event that the examinee is not satisfied with the decision of the examiner regarding an appeal, the examinee may pursue an appeal with ACI according to the following order:
 - 1. Sponsoring Group
 - 2. ACI Director of Certification
 - 3. The Certification Appeals Committee [consisting of the Director of Certification, the Chairman of the Certification Programs Committee, and the Chairman of Committee C 620]
 - 4. Committee C 620, Laboratory Technician Certification
 - 5. Certification Programs Committee
- 4.3 Appeals submitted to ACI for consideration must be received, in writing, within sixty [60] days of the receipt of the examination at ACI Headquarters.

SECTION 5.0 SPONSORING GROUP CRITERIA

- 5.1 Groups desiring to conduct ACI Certification program(s) shall adhere to the current *Policy on Sponsoring Groups for Certification* (Annex 620.3-3).

SECTION 6.0 EXAMINER / SUPPLEMENTAL EXAMINER CRITERIA

- 6.1 To maintain access to ACI examination materials, the examiner shall maintain approval from ACI and authorization from the Sponsoring Group.

- 6.2 Applicants must be selected by an approved Sponsoring Group and shall submit a current ACI Examiner Application to ACI through that same Sponsoring Group.
- 6.3 In order to be considered for examiner status, the applicant shall have assisted in the administration of at least two (2) ACI examination sessions (any program including written and performance components where applicable), performing to the satisfaction of the examiner of record, and:
- A) Satisfy the following criteria:
1. Be a registered professional engineer, or hold equivalent international credentials; and
 2. a.) For ATT1, have been certified as an ACI ATT1
b.) For ATT2, have been certified as an ACI ATT2; and
 3. Have had at least two (2) years of verifiable experience in concrete construction, inspection or testing.
- OR
- B) Satisfy the following alternate criteria:
1. a.) For ATT1, be certified as an ACI ATT1 at the time of application
b.) For ATT2, be certified as an ACI ATT2 at the time of application; and
 2. Have had at least five (5) years of verifiable experience in ACI certification administration, concrete construction, inspection or testing; and
 3. Have participated in at least four (4) ACI examination sessions as a proctor and/or supplemental examiner for any ACI certification program. This is in addition to the administration assistance, as stated above, but is permitted to be completed concurrently.
- 6.4 Examiners, supplemental examiners, examiners acting as supplemental examiners and proctors shall not conduct any portion of the examination for anyone with whom he/she is personally related.
- 6.5 Examiners/supplemental examiners shall not examine anyone on the performance examination who is employed in the same organization. Governmental or other organizations may petition ACI, in writing, and request a waiver of this requirement. Waivers shall be granted, on a case by case basis, only if it can be shown that the intent of the policy will be maintained.
- 6.6 Supplemental examiners shall be permitted to assist in conducting the performance examination, and may be authorized to conduct the performance examination without direct supervision of an Examiner with prior approval of ACI Committee C620.

- 6.7 Supplemental examiners shall satisfy the following requirements:
- A) Have had recent experience in aggregate testing;
 - B) Be selected and adjudged qualified by the examiner or ACI Committee C620;
 - C) Be considered trustworthy and conscientious.
- 6.8 Proctors shall be permitted to assist the examiner in conducting the written examination.
- 6.9 Proctors shall satisfy the following requirements:
- A) Be considered trustworthy and conscientious by the Examiner.
- 6.10 The examiner shall be directly responsible for:
- A) Selection of the supplemental examiners and proctors, except in cases where the supplemental examiners are approved by ACI Committee C620;
 - B) Verification that the qualifications of the supplemental examiners and proctors conform to the criteria outlined in Section 6.4 through 6.9 of this policy;
 - C) Ensuring the secure handling of examination materials;
 - D) Verification of the identity of each examinee, and ensuring that the examinees are aware of the certification criteria;
 - E) Verification that the examinees have signed the release statement on the written and performance examinations prior to testing;
 - F) Verification that the performance examinations are conducted by approved supplemental examiners, and co-signing the performance checklists where appropriate;
 - G) Entering the appropriate grade for the completed performance examination on the checklist report;
 - H) Ensuring that all examinees have an opportunity to take a second trial on any failed procedure of the performance examination; and
 - I) Ensuring that terms are not defined and examination questions are not interpreted during the course of the written examination.
- 6.11 Examiners or supplemental examiners shall not observe more than one examinee conducting tests at any one time during the performance examination.
- 6.12 The examination sessions must be supervised constantly by the examiner, supplemental examiner(s) and/or proctor(s).

SECTION 7.0 ACI DUTIES AND RESPONSIBILITIES

- 7.1 ACI shall approve the local sponsoring group.
- 7.2 ACI shall authorize the local sponsoring group to conduct examination sessions for ATT1 and ATT2 certifications.
- 7.3 ACI shall approve the examiner.
- 7.4 ACI shall grade the written examinations, review the performance examinations, and notify examinees and the examiner of the final results in writing.
- 7.5 ACI shall certify the examinees that have satisfied the certification requirements.
- 7.6 ACI shall issue certificates and wallet cards to successful examinees.

SECTION 8.0 RECERTIFICATION CRITERIA

- 8.1 Recertification as an ATT1 or ATT2 requires successful completion of the certification requirements outlined in Sections 1.0, 2.0 and 3.0 of this policy.

End of Policy Text