EXAMCERT

CHST

Construction Health and Safety Technician

The CHST is administered by the Board of Certified Safety Professionals (BCSP) for construction safety practitioners with at least three years of construction safety experience. The exam is a 200-question, 4-hour computer-based test delivered via Pearson VUE, covering hazard identification/control, emergency preparedness, safety program management, and leadership/training as defined in the CHST5 blueprint (V.2022.04.12).

Provider	BCSP
Questions	200
Duration	4 hours
Passing score	70%

Domain weighting

Domain 1	**Hazard and Risk Identification and Control**	37%
Domain 2	**Emergency Preparedness, Incident Investigation, and Response**	20%
Domain 3	**Safety Program Development, Implementation, and Sustainment**	22%
Domain 4	**Leadership, Communication, and Training**	21%

Exam at a Glance

Construction Health and Safety Technician

Exam code
CHST

Number of questions
200 questions (scored plus unscored pilot items combined; BCSP does not publish the exact scored-vs-pilot split for CHST)

Duration
4 hours, per BCSP's official Credentials At-A-Glance chart

Exam fee
$140 application fee + $300 exam fee ($426 combined App+Exam fee); a two-attempt Exam Bundle is $550 ($676 combined with the application fee)

Passing score
Not published as a flat percentage. BCSP sets a scaled, criterion-referenced cut score from item-difficulty analysis, and its own fee chart states passing scores are 'subject to change without advance notice'

Delivery
Computer-based test at Pearson VUE test centers worldwide; no official BCSP page reviewed confirms an online/remote-proctoring option for CHST

Languages
Not published on the official BCSP/CHST pages reviewed for this guide; all BCSP application and exam-blueprint materials are in English. Confirm other-language availability directly with BCSP or Pearson VUE

Certification maintenance
5-year recertification cycle requiring 20 points (at least 0.5 from ethics courses), plus a $145 annual renewal fee

About the CHST Exam

The CHST credential is issued by the Board of Certified Safety Professionals (BCSP) and is aimed at practitioners whose primary job function is construction health and safety.

Credential owner

BCSP (Board of Certified Safety Professionals), a nonprofit safety certification body headquartered in Indianapolis, Indiana.

Test delivery

BCSP's official CHST page states exams are delivered by computer at the test center, through BCSP's testing partner Pearson VUE.

Time allowed

4 hours, confirmed by BCSP's official Credentials At-A-Glance fee and time chart.

Where CHST fits

CHST is a technician-level credential, distinct from BCSP's higher management-level credentials such as CSP and ASP, and focused specifically on the construction industry.

Official contact

BCSP can be reached at bcsp@bcsp.org or +1 317-593-4800 for questions not answered on the website.

Eligibility & Application

Experience requirement

3 years of experience in construction safety, health, and environment, with at least 35% of job duties requiring technical skill and knowledge in safety, health, and environment.

Education requirement

None published. BCSP's official chart lists CHST's minimum training/education requirement as 'N/A' -- eligibility for CHST is experience-based only.

Background disclosure

Applicants must disclose any criminal convictions or any suspension or revocation of a professional license or credential as part of the application.

How to apply

Applications can be submitted at any time, with supporting experience documentation, through BCSP's My Profile portal at certification.bcsp.org/bcspssa.

Application review

BCSP reviews the application after it is submitted and paid for; the candidate becomes eligible to schedule the exam once BCSP approves it.

Eligibility window

Once approved, candidates have 1 year to schedule and pass the exam. An Eligibility Extension Fee of $100 can be paid, if requested within 60 days of the original deadline, for one additional year.

Registration & Scheduling

When to schedule

Only after BCSP has approved the application -- a Pearson VUE seat cannot be booked before approval is granted.

Where to schedule

Through Pearson VUE, BCSP's official testing partner, at test centers located worldwide.

Scheduling window

Approved candidates have up to 1 year from approval to schedule and sit the exam, extendable once via the $100 Eligibility Extension Fee.

Retake scheduling

BCSP's official page confirms a retake can be scheduled at any time available, as long as it is at least 6 weeks from the candidate's last exam attempt.

Reschedule/cancel an upcoming appointment

Specific Pearson VUE deadlines and fees for rescheduling or cancelling an already-booked (not yet taken) appointment were not accessible on the official pages reviewed for this guide -- confirm directly with Pearson VUE when booking.

ID requirements

Not detailed on the official BCSP pages reviewed; Pearson VUE test centers generally require valid, unexpired, government-issued photo ID matching the name on the application. Confirm exact requirements on the Pearson VUE/BCSP scheduling page before test day.

Fees & Payment

Application fee

$140, paid separately from the exam fee when applying.

Exam fee

$300 for a single exam attempt.

Combined application + exam

$426 if the application fee and exam fee are paid together as BCSP's App+Exam Combo.

Two-attempt exam bundle

$550 Exam Bundle Fee covers two exam attempts plus one free self-assessment, with access granted for 6 months ($676 if bundled together with the application fee).

Eligibility extension fee

$100, one-time, for candidates who need more than 1 year after approval to schedule and pass the exam.

Annual renewal fee

$145 per year, required to keep the CHST credential active between 5-year recertification cycles.

On Exam Day

Format

Closed-book, computer-based exam administered at a staffed Pearson VUE test center.

Duration

4 hours are allotted to complete the exam.

Notes and references

Personal notes and reference materials are not permitted during the exam. BCSP separately publishes a CHST References list intended for study beforehand, not for use during testing.

Calculator and personal items

BCSP's official CHST pages reviewed do not publish a CHST-specific calculator or personal-items policy; these are governed by Pearson VUE's standard test-center rules. Confirm current rules on the Pearson VUE BCSP candidate page before exam day.

Test center locations

Pearson VUE test centers are located worldwide, so candidates can generally choose a center near home or work.

Scoring & Results

Immediate result

BCSP's official CHST page states that official results are available as soon as the candidate submits the exam, so pass/fail is known at the test center.

Scoring method

BCSP does not publish a flat passing percentage for CHST. Scores are reported on a scaled, criterion-referenced cut score set through psychometric analysis of item difficulty, so the exact raw number of questions needed correct can vary slightly between exam forms.

Fees and scores can change

BCSP's own Credentials At-A-Glance chart explicitly notes that fees and passing scores are subject to change without advance notice.

Detailed score reports

Domain-level subscore breakdowns, if provided, were not detailed on the official pages reviewed -- check the candidate's My Profile portal after testing for the full report.

Retake Policy

Wait time after an attempt

A candidate may reschedule at any time available, as long as it is at least 6 weeks from their last exam attempt, per BCSP's official CHST page.

Retake fee

Each additional attempt is billed at the standard $300 exam fee, unless the candidate purchased the $550 two-attempt Exam Bundle up front, which covers 2 attempts within its 6-month access window.

Eligibility deadline still applies

Retakes must still occur within the candidate's active 1-year (or extended) eligibility window measured from application approval.

Attempt limit

No maximum number of lifetime attempts is published on the official pages reviewed, provided the candidate stays within an active eligibility window and pays the applicable fee for each attempt.

Recertification

Cycle length

5 years, running from July 1 to June 30, per BCSP's official recertification page.

Points required

20 recertification points per 5-year cycle for CHST, per BCSP's Credentials At-A-Glance chart.

Ethics requirement

At least 0.5 of those 20 points must come from ethics courses, for recertification cycles beginning on or after July 1, 2023.

Annual renewal fee

$145 per year, due even during an active recertification cycle, to keep the credential in good standing.

How points are earned

Activities such as professional membership organization participation, conferences or seminars, safety-related courses or degrees, and use of BCSP's recertPRO platform.

Submission deadline

Recertification worksheets must be submitted no later than July 31 following the end of the 5-year cycle.

Domain 1: Hazard and Risk Identification and Control 37%

Exam topics

1. Common hazards and controls associated with hot work
2. Common electrical hazards and controls
3. Common hazards and controls associated with excavations
4. Common hazards and controls associated with working at heights
5. Common hazards and controls associated with fall protection, arrest, and restraint equipment
6. Common hazards and controls associated with working in confined spaces
7. Common struck-by hazards and associated controls
8. Common hazards of mechanized equipment and associated controls
9. Common hazards and controls associated with hoisting and rigging
10. Common hazards and controls associated with crane operations
11. Common hazards and controls associated with chemical exposure
12. Requirements, usage, and limitations of personal protective equipment
13. Prevent or correct hazards by applying a hierarchy of controls
14. Develop job hazard/safety analyses

Domain 2: Emergency Preparedness, Incident Investigation, and Response 20%

Exam topics

1. Proper fire protection and prevention methods
2. Components of emergency action plans
3. Common elements of response plans for environmental contamination hazards
4. Emergency response - incident command system
5. Emergency response - crisis management
6. Emergency response - emergency response equipment
7. Basic first aid or medical needs
8. Universal precautions
9. Prepare a site emergency action plan
10. Respond to an emergency and resume operations after the emergency
11. Coordinate an emergency situation
12. Facilitate and evaluate emergency response exercises

Domain 3: Safety Program Development, Implementation, and Sustainment 22%

Exam topics

1. Applicable health, safety, and environmental standards
2. Common components of site-specific safety plans
3. Worksite inspections and/or audit processes
4. The impact of regulatory authority on roles and responsibilities
5. Proper equipment use; importance of referencing manufacturers' manuals and incorporating directives, recommendations, or options found therein
6. Basic risk management concepts
7. Data gathering, documentation, and recordkeeping requirements
8. Techniques for determining incident or accident causation
9. Post-incident/accident reporting and follow-up procedures
10. Identify which health and safety programs are relevant to site-specific safety plan
11. Apply relevant standards to worksite conditions
12. Identify trends related to incidents and accidents
13. Evaluate construction means and methods and their impact on safety

Domain 4: Leadership, Communication, and Training 21%

Exam topics

1. Available training delivery methods and instructional material
2. Appropriate human behavior motivation methods and techniques
3. Communication strategies
4. When to consult with equipment manufacturers, suppliers, or subject matter experts
5. Information confidentiality requirements
6. Leading risk management strategies and techniques
7. Leadership strategies
8. Develop site-specific safety training requirements based on job tasks and work environment
9. Manage applicable documents
10. Identify existing and foreseeable at-risk conditions and behaviors
11. Recognize situations or behaviors that present danger
12. Access relevant and current information
13. Recognize and address total worker health
14. Complete risk reduction activities

Source: https://www.bcsp.org/hubfs/Website/Blueprints-References/CHST-Blueprint.pdf?hsLang=en

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