

CPEA® Candidate Handbook

Your guide to qualifying for the Certified Professional Environmental Auditor® (CPEA®) Exam September 15, 2021





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September 15, 2021.
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Welcome...

I and the Directors of the Board for Global EHS Credentialing (BGC) would like to thank you for your interest in advancing your career by obtaining a BGC credential. We wish you success in achieving this tangible expression of your dedication to the health of your community.

The Certified Professional Environmental Auditor (CPEA) certification program enables you to establish your professional level knowledge and skills in EHS Auditing. My BGC credential has provided opportunities that would not have been possible if I had not taken the time and effort required to achieve it. A BGC credential is a globally respected standard that is only granted to those who meet our education and experience requirements along with successfully completing an examination. Once granted, you can proudly use your BGC designation as long as you follow our certification maintenance process and uphold the BGC Code of Ethics.

Our staff is here to help you with any questions that might arise during your journey to join the BGC family. We are committed to world-class customer service and value your feedback on any areas of excellence or where we can improve.

Alan Leibowitz, CIH, CSP, FAIHA BGC Chair (2021)



over	'view	1
	CPEA Specialty Areas: Formal Training and Experience Require	rements 2
Δnnl	ication Requirements	5
~bbi	•	
	Application Stages	6
	Qualifications and Evaluation Evaluation	7 7
	Confidentiality	7
	Record Retention	7
	Academic Requirements	8
	U.S. and Canadian Degrees	8
	International Degrees	8
	EHS Auditor Training	8
	Experience Requirements	9
	Professional-Level Experience	9
	Documentation of Auditing Experience	10
	Character References	10
	Submitting References	10
	Unqualified and Suspicious Documentation	10
	Ethics Requirement	11
	Reapplicants	11
	Application/Reapplication Deadlines	11
	CPEA Fees	12
Exar	nination Information	13
	Examination Purpose and Format	14
	Examination Furpose and Format Examination Scheduling	15
	Scheduling Your Appointment	15 15
	Online Scheduling	15
	Telephone Scheduling	15
	Confirmation Number	16
	Test Site Location	16
	Confirming Your Appointment	16
	Special Arrangements for Candidates with Disabilities	16
	Inclement Weather/Power Failure/Other Emergency	17
	Examination Day	17
	What to Bring	17
	Examination Restrictions	17
	Security	18
	Personal Belongings	18
	Cancellation and Rescheduling of Exams	18
	Problems with PSI Scheduling and Testing	19
	Examination Process	19
	Practice Examination Timed Examination	19
	Candidate Comments	19 19
	Following the Examination	19 19
	I OHOWING THE EXAMINITATION	1 9

Examination Scoring Notification of Examination Results Confidentiality Duplicate Score Report Re-Examination Obligations of Credential Holders	20 20 20 20 20 20 20
Examination Preparation	21
Sample Questions	22
Publications and References: Environmental Compliance	23
Publications and References: Health and Safety	23
Publications and References: Management Systems	24
Publications and References: Responsible Care® CPEA® Exam Blueprint	27
Part I: Basic Principles of Auditing – (All CPEA Exams)	28
Parts II & III: Environmental Compliance	28 29
Parts II & III: Health & Safety	31
Parts II & III: Management Systems	33
Parts II & III: Responsible Care®	34
Other Information	35
CPEA Eligibility Checklist	36
BGC's Decision-Making Body and Committees	37
BGC Staff, Services, and Information	39

Overview

The Certified Professional Environmental Auditor (CPEA) credential demonstrates one's practice of today's everchanging environmental, health, & safety regulations through four specialties: Environmental Compliance, Health and Safety, Management Systems, Responsible Care®, and related auditing procedures, processes, and auditing techniques. CPEAs also agree to abide by *BGC's Code of Ethics*. CPEAs also qualify for Professional Membership status with the American Society of Safety Engineers (ASSE). The CPEA credentialing program is fully accredited by the Council on Engineering and Scientific Specialty Boards (CESB).

CPEA Specialty Areas: Formal Training and Experience Requirements

The CPEA has four specialty areas: 1) Environmental Compliance, 2) Health and Safety, 3) Management Systems, and 4) Responsible Care®. Each area has requirements for formal training and experience that is reflected on the exams. You may sit for one or more examination in any of the areas in which you have verifiable training and experience.

Environmental Compliance

Includes identifying environmental aspects and impacts, assessing compliance with environmental laws and regulations, and/or applying professional environmental compliance auditing practices.

Relevant training and experience must include:

- Identifying environmental aspects and impacts, assessing compliance with environmental laws and regulations, and/or applying professional environmental compliance auditing practices. It may include any combination of environmental science and technology
- Environmental management and technical aspects of business activities including facility operations
- Requirements of environmental laws, regulations, and related documents at the national and local jurisdictional levels
- Evaluation, implementation, and management of environmental compliance
- Environmental standards against which management systems and compliance audits may be conducted
- Management systems and compliance audits procedures, processes, and techniques
- Principles of environmental compliance and compliance implementation

Health & Safety

Includes identifying health and safety aspects and impacts, assessing compliance with safety-related laws and regulations, and/or applying professional health & safety auditing practices.

Relevant training and experience must include:

- · Identifying health and safety aspects and impacts
- Assessing compliance with safety-related laws and regulations
- Applying professional health & safety auditing practices

It may include any combination of:

- Safety engineering
- Industrial hygiene
- Health and safety management and technical aspects of business activities including facility operations
- Requirements of OSHA laws, regulations, and related documents at the national and local jurisdictional levels
- Evaluation, implementation, and management of health and safety compliance
- Health and safety standards against which management systems and compliance audits may be conducted
- Management systems and compliance audits procedures, processes, and techniques
- Principles of health and safety compliance and compliance implementation

Management Systems Includes knowledge and skills in any combination of:

- EHS science and technology
- EHS management and technical aspects of business activities including facility operations
- Requirements of EHS laws, regulations, and related documents at the national and local jurisdictional levels
- Evaluation, implementation, and management of EHS compliance
- EHS standards against which management systems and compliance audits may be conducted
- Management systems and compliance audits procedures, processes, and techniques
- Principles of EHS compliance and compliance implementation

Relevant training and experience must include any combination of:

- Environmental, health & safety (EHS) science and technology
- EHS management and technical aspects of business activities including facility operations
- Requirements of EHS laws, regulations, and related documents at the national and local jurisdictional levels
- Evaluation, implementation, and management of EHS compliance
- EHS standards against which management systems and compliance audits may be conducted
- Management systems and compliance audits procedures, processes, and techniques
- Principles of EHS compliance and compliance implementation

Responsible Care® Includes skills and understanding in one or more of the following areas:

- Implementation of Responsible Care® programs
- The chemical process industry
- Product stewardship, transportation or distribution of chemical products
- Requirements of EHS laws, regulations, and related documents
- EHS/Responsible Care® management systems and standards or related auditing procedures, processes, and auditing techniques

Relevant training and experience must include:

40 hours in the last three years and successful completion of an ACC qualified Responsible Care® course in accordance with "Responsible Care® Auditor Course Requirements" (RCMS206.00).

Relevant training and verifiable experience should have been gained during the last ten years for developing knowledge and skills in at least two of the following areas:

- Implementation of Responsible Care® programs
- EHS science and technology
- Work experience gained by actual hands-on roles in the chemical process industry or EHS services
- Product stewardship, transportation or distribution of chemical products
- Requirements of EHS laws, regulations, and related documents
- EHS/Responsible Care® management systems and standards or related auditing procedures, processes, and auditing techniques

Application Requirements

To qualify for admission to the BGC examinations as an applicant, you must comply with all Board requisites. Documents and forms sent by you and third parties will be needed to assess your eligibility to sit for the exam(s). BGC will evaluate all applicants using the criteria established for the certification eligibility and will not discriminate on the basis of race, creed, national origin, religion, age, disability, political affiliation, sex, sexual orientation, or marital, parental, military, or any other legally protected status. We may ask you for additional documentation when initial review of your application (or reapplication) indicates that pertinent information is missing or unclear. In that case, review of your application or reapplication will not proceed until we receive the requested information. Submitting your application well in advance of deadlines may give you sufficient time to provide additional information without delaying your approval to sit for the exam. Your application packet is active for two years. If you do not pass the exam within the two years, you are required to submit an updated supervisory reference and pay a reapplication fee every two years to keep your application active.

Application Stages

There are four (4) stages to the application process for becoming certified as a CPEA. The documentation is specific to the CPEA specialty area for which you are applying, so please familiarize yourself thoroughly with the requirements before you begin your application. Please also note that you must meet all eligibility requirements that are in place at the time you sit for your exam.

Stage 1: Submission of General Application Documents:

- You must complete an online application form and <u>Attestation of Activities Form</u>
 (https://ehscredentialing.org/cpea_cpsa_documents/) with your contact information, academic background, and an attestation to abide by the BGC Code of Ethics.
- If you hold an eligible credential, you may submit an <u>Exam Exemption Request Form</u> (https://GoBGC.org/cpea_cpsa_documents/) and fee payment. (Exam Exemption fee payments are non-refundable.)
- Ask your university to send official transcripts to BGC. (If your degree was earned outside the U.S. or Canada, BGC may ask you to submit your transcript(s) for a credential evaluation.)
- Ask your references to submit <u>Character Reference Forms (CRF)</u>
 (https://GoBGC.org/cpea_cpsa_documents/) to BGC on your behalf.
- If you have a documented disability, you may submit a <u>Test Accommodation Request Form</u> (at https://GoBGC.org/cpea_cpsa_documents/) 45 days before your scheduled examination.
- Stage 2: Submission of Application Fee (non-refundable). If you have not completed the process within two years, a reapplication fee and updated materials are required.
 - After Application payment, BGC will email a link with instructions to a temporary holding file or drop box that will contain the remaining forms needed to complete your application. Your folder is a temporary location for you to upload completed forms and supporting documents to complete the application and to track your progress.
- Stage 3: Submission of supporting documentation of verifiable formal training and work experience. These forms are contained in your temporary holding file or drop box and include:
 - Statement of Audit Experience Form (within 3 years of certification)
 - Statement of Formal Training Form (within 3 years of certification)
 - Statement of Work Experience Form (within 3 years of certification)

Stage 4: Examination:

- · Pay all examination fees.
- Sit for the part 1, multiple-choice exam of your general knowledge of auditing practice.
- Sit for the part 2, multiple-choice exam of your specialty knowledge of EHS Auditing.
- Sit for the part 3, essay/short-answer exam of your specialty knowledge of EHS Auditing.
- Pass 70% or more of the total items in all three exams. You will not receive your grades on individual parts until all have been completed.

If you successfully meet the requirements of all four stages, you will be awarded the CPEA credential for your specialty area(s). Details for completing the four stages are found in the remainder of this document. A <u>CPEA Eligibility Checklist</u> has been designed for you to determine whether you have met requirements for stages 1 through 3 before sitting for your CPEA exams. It is included at the end of this document and available in your online application folder.



Here is a summary of documents needed to complete your application. Remember that you must first complete an online application form with your contact information, academic background, and an attestation to abide by the *BGC Code of Ethics* and pay all required fees.

ubmitted by you to SharePoint	Submitted by 3 rd Parties to BGC
Statement of Formal Training Form(s)	Official Transcripts (from universities)
Statement of Work Experience Form(s)	Credential evaluation reports (from credential
Statement of Audit Experience Form(s)	evaluation services)
Ethics Attestation (Application Form)	Character Reference Form (from reference writers)

Oualifications and Evaluation

To qualify for admission to the BGC examinations as an applicant, you must comply with all Board prerequisites:

- Submit only one application per person
- Meet education and formal training requirements
- Document meeting professional EHS auditing and work experience requirements
- Be in the current practice of EHS auditing
- Agree to adhere to the BGC Code of Ethics and to be governed by the BGC Ethics Case Procedures
- Pay your application fee and examination fee (non-refundable)

Your application packet is active for two years. You are required to submit an updated supervisory reference and pay a reapplication fee every two years to keep your application active.

Evaluation

BGC will evaluate all applicants using the criteria established for CPEA eligibility and will not discriminate on the basis of race, creed, national origin, religion, age, disability, political affiliation, sex, sexual orientation, or marital, parental, military, or any other legally protected status.

We may ask you for additional documentation when initial review of your application (or reapplication) indicates that pertinent information is missing or unclear. In that case, review of your application or reapplication will not proceed until we receive the requested information.



Submitting your application well in advance of deadlines may give you sufficient time to provide additional information without delaying your approval to sit for the exam.

Confidentiality

Original applications and supporting documentation are treated by the BGC Board of Directors and staff as confidential information. As noted in the *BGC Privacy Policy*, all reasonable precautions are taken to prevent unauthorized access to individual information. BGC does not disclose personal information obtained from you or any other applicant to third parties except when authorized in writing by you or if necessary to complete the process – for example, arranging for you to sit for the exam.

Record Retention

In accordance with the BGC record-retention policy, paper files and electronic documents provided by applicants that have been inactive for three years will be destroyed. Prior to destroying a file, the staff will attempt to notify you using your last known address.



BGC Director Assessment of Your Eligibility

A Director of the Board is not authorized to give you a determination on your eligibility, either before or after your application is filed.

Academic Requirements

You must have a bachelor's degree from a regionally accredited college or university or from another college that is acceptable to the Board (see details below).

U.S. and Canadian Degrees

Official transcripts must be submitted for each degree. An "official" transcript is one sent directly to BGC by your college or university through mail or as secure e-transcripts. Alternatively, you may submit official transcripts if they are in a sealed envelope with the registrar's stamp across the seal. When a degree includes credits that were transferred from another college or university, official transcripts for those course credits must be sent upon request.

The Board will consider a U.S. college or university to be acceptable when it holds institutional accreditation from one of the six U.S. Regional Accrediting Bodies or the Distance Education Accrediting Commission (DEAC), which are recognized by the Council for Higher Education Accreditation (CHEA) and the U.S. Department of Education. Your degree must be awarded during the time that the institutional accreditation is in effect. A Canadian college or university will be considered acceptable if it is recognized under applicable provincial standards, depending on where the school is located. In addition, it may hold specialized program accreditation as noted by membership in the Association of Universities and Colleges of Canada (AUCC).

International Degrees

A degree from a college or university that is located outside the United States or Canada will be considered for acceptability based on the institution's accreditation status in the education system that has jurisdiction. Applicants with international degrees will be required to submit their transcript(s) for a credential evaluation unless the academic program is authorized by BGC or through a BGC-recognized accreditation agency to issue BGC verification statements.¹

A member of the National Association of Credential Evaluation Services, Inc. (http://www.naces.org/members.htm) or a member of the Association of International Credential Evaluators (http://www.aice-eval.org) must be used to prepare a General (Document-by-document) credential evaluation report, and you must request that the report be forwarded to BGC.

EHS Auditor Training

Relevant training and experience must include identifying EHS Auditing aspects and impacts, assessing compliance with EHS Auditing-related laws and regulations, or applying professional EHS audit practices. It may include any combination of:

- Management of change, process hazard analysis, mechanical integrity, EHS Auditing management, and technical aspects of business activities including facility operations.
- Requirements of EPA and OSHA laws, regulations, and related documents at the national and local jurisdictional levels.
- Evaluation, implementation, and management of EHS Auditing compliance.
- EHS Auditing standards against which management systems and compliance audits may be conducted.
- EHS Auditing management systems and compliance audit procedures, processes, and techniques.
- Principles of EHS Auditing compliance and compliance implementation.

You must submit a *Statement of Formal Training Form* providing evidence of at least 40 hours training in your specialty area within three years of certification. <u>CPEA Specialty Areas: Formal Training and Experience Requirements</u> at the beginning of this document lists specific requirements, which includes the completion of an ACC qualified Responsible Care® course for individuals seeking to sit for the Responsible Care® specialty exams.

¹ BGC verification statements streamline and shorten the review for applicants. Please contact your program director to find out if verification statements are available for you.

CPEA Specialty Exam	Formal Training Requirement with Three Years of Certification
Environmental Compliance	Forty (40) hours in relevant elements of Environmental Compliance.
Health & Safety	Forty (40) hours in relevant elements of Health & Safety.
Management Systems	Forty (40) hours in relevant elements of Management Systems.
Responsible Care®	Forty (40) hours in relevant elements of Responsible Care®.
	As part of this training, the applicant must successfully complete an American Chemistry Council (ACC) qualified Responsible Care® course in accordance with "Responsible Care® Auditor Course Requirements" (RCMS206.00).

Experience Requirements

You must document meeting work experience requirements using the *Statement of Work Experience Form*. To be eligible for the examination, you must have verifiable professional practice experience for a minimum of four years in one or more of the four specialty areas: 1) Environmental Compliance, 2) Health and Safety, 3) Management Systems, and 4) Responsible Care®.

You must also be engaged in active practice at the time of application. Individuals seeking to sit for the Responsible Care Individuals seeking to sit for the place within the last ten years. If your EHS auditing career has been interrupted for one year or less (because of unemployment, medical leave, or so on), we will consider you to be "in practice" for up to one year following your last position for the purpose of determining examination eligibility. Any time outside of employment, however, cannot be counted toward experience credit.

Professional-Level Experience

To be recognized as "**professional-level**" work acceptable to the Board, your experience must meet the following four criteria:

- **Independence of actions**. This relates to the amount of planning, self-direction, decision-making, and autonomy involved in your work experience.
- Depth of work. This relates to the extent to which your work experience requires data-gathering, analysis, and interpretation.
- **Level of interaction**. This relates to the degree to which you interact with a broad spectrum of contacts, including decision-makers.
- Responsibility for work outcome. This relates to accuracy and the extent to which you are held accountable for your work and decisions.



Ineligible Experience

The following do not count toward the work experience requirement:

- Pre-professional level experience
- Courses or research done for academic credit
- Teaching course content that is pre-professional level

Documentation of Auditing Experience

Your Statement of Audit Experience Form documents evidence of your audit experiences. The timeframe for completing your audits and the requirement depend on which specialty exam you are taking:

CPEA Specialty Exams	Timeframe for Audits	Auditing Requirement
Environmental Compliance	Within four (4) years of certification	Conduct a minimum of 20 Environmental Compliance audits for a minimum of 100 days. Of the 100 days, a minimum of 20 days must be conducted on-site or virtually.
Health & Safety	Within four (4) years of certification	Conduct a minimum of 20 Health & Safety audits for a minimum of 100 days. Of the 100 days, a minimum of 20 days must be conducted on-site or virtually.
Management Systems	Within four (4) years of certification	Conduct a minimum of 20 Management Systems audits for a minimum of 100 days. Of the 100 days, a minimum of 20 days must be conducted on-site or virtually.
Responsible Care®	Within two (2) years of certification	Conduct at least four EMS-related audits consisting of at least 20 total days

Character References

An applicant must request two (2) character references from a responsible person such as a supervisor or a manager. Individuals providing references must have known the applicant for a minimum of two years and have knowledge of the applicant's experience and skills relative to auditing.

Submitting References

References are required to document, from firsthand experience, the nature of your auditing practice using a <u>Character Reference Form</u>. A <u>Character Reference Form</u> must comply with the requirements of this section. Each <u>Character Reference Form</u> will remain confidential between the author and BGC.

- You must initiate communication with your references to request that they submit the completed electronic *Character Reference Form* that you will send them. BGC does not initiate communication with references for you.
- Each reference must be provided on the Board's online *Character Reference Form*. This form can be found on the BGC website in the CPEA section.
- It is *unacceptable* for you to provide the response on the form and then have it signed by your reference. We may use the contact information provided to verify authenticity of the reference and confirm who prepared the text.
- Each Character Reference Form must be submitted on the BGC website by the person writing the reference.

It is your responsibility to communicate with your reference(s) as frequently as needed to assure that the *Character Reference Form* is submitted in time to meet BGC application deadlines.

Unqualified and Suspicious Documentation

Character Reference Forms that appear to have been prepared by any of the following individuals may result in your application being delayed or rejected:

- Your spouse or other relative
- A person whom you supervise
- Yourself, preparing your own Character Reference Form (even when it is for someone else to sign)

Ethics Requirement

Regardless of any other professional affiliation, the *BGC Code of Ethics* applies to each individual seeking certification (candidates) and each individual certified by BGC credentialing programs or holding a BGC designation (certificants). The Code serves as the minimum ethical standards for your professional behavior and is designed to provide both appropriate ethical practice guidelines and enforceable standards of conduct. The Code also serves as a professional resource for EHS professionals, as well as for those served by BGC candidates and certificants. Consequently, you are required to adhere to the *BGC Code of Ethics*_and to be governed by the *BGC Ethics Case Procedures*. Both documents are available at https://GoBGC.org/ethics.



Avoid Investigations about the Validity of Your Reference and Documents

When references from different people have identical wording, they will be investigated to determine who actually prepared them. This can cause delays that may cause you to be prevented from taking the exam or being blocked permanently if you are found to have prepared the content of the *Character Reference Form*. Sometimes the supervisors who are providing your references may need a memory jog about the work that you have done for them so provide it verbally, not in writing or from a written job description, so that they are not tempted to cut and paste. Make sure that what you tell them is unique to the job that you did to avoid giving exactly the same information to other references and employers.

Reapplicants

An application is considered to be active for four consecutive exam windows, which equals two years. After the second year, your application expires. You must update the description of your current practice, provide an updated supervisory reference, and pay a reapplication fee to reactivate an expired application in order to sit for the exam. To reactivate an expired application and sit for the exam, you must complete the following steps:

- Submit a Reapplication Form (https://GoBGC.org/cpea cpsa documents/)
- Have a Character Reference Form submitted to BGC by a work supervisor that is no more than 12 months old (see the <u>Documentation of Work Experience in Auditing section</u>)
- Update your work experience information to document your current practice
- . Meet all current application requirements
- Pay the \$150 reapplication fee (non-refundable)



Don't Lose Your Application!

If your application file is inactive for more than three years without being approved for the exam, it will be automatically purged, and you will have to follow the procedure as a new applicant if you wish to apply again. Please notify us in writing before three years of inactivity to keep your file open and contact information up to date.

Application/Reapplication Deadlines

Candidates do not have to submit the *Statement of Audit Experience* and *Statement of Form Training* forms at the time of initial application; however, candidates must complete all eligibility requirements and submit documentation in order to receive certification. Examinations are held at PSI testing centers. If you fail an exam, you must wait 120 days before you will be allowed to retake it.

CPEA Fees

The application, examination, and credential maintenance processes require you to pay fees on or before the due dates. The fees are listed in the table below. Fees may be subject to change, so please check the BGC website to obtain the most current fee schedule.

Fee	Amount	Description
Application/Reapplication Fee	\$150	The fee to have your documents reviewed and to maintain your file.
		Your application/reapplication fee is valid for two years. You must pay a reapplication fee and submit updated documents every two years to keep your file active until you pass the exam.
Examination (Scheduling) Fee	\$225 (Pt. 1 of 3) \$225 (Pt. 2 of 3)	The payment to schedule an exam and reserve a seat at the testing center.
	\$225 (Pt. 3 of 3)	Payment is required for each exam part.
 Examination Exemption Fee: Non-BGC Credentials BGC Credentials (CIH) 	\$175 No Fee	The fee to individuals confirmed by BGC staff to hold a recognized credential and who voluntarily forego taking a part of the CPEA Exam. Please see the Examination Purpose and Format section for more details.
Annual (Maintenance) Fee	\$150	The yearly fee to maintain your credential after it is awarded.
		Normally, your annual fee is paid by the beginning of each year. Your first annual fee will be prorated depending on the month in which you sit for the exam.



Refund information!

Application or reapplication fees are not refundable or transferrable.

Your examination fee is not refundable, either, but if you cancel your examination with the testing center at least 48 hours in advance of the exam time, the fee will be carried over to your next exam. If your cancellation is made less than 48 hours in advance, your fee is forfeited.

Examination Information

BGC conducts a Job Task Analysis (JTA) study, also known as the Role Delineation Study (RDS) or Practice Audit, and prepares supporting documentation and reports consistent with ISO/ANSI17024, NCCA, and CESB accreditation standards.

A panel of professionals is selected and convened who must represent a variety of practice settings, geographic regions, educational levels, gender, ethnicity, and years of experience. A BGC board member is also included on the panel to assist in documenting the credibility of the process for the BGC board.

Panel members must identify the domains, tasks, knowledge, and skills essential to performing the work of the practitioner. A large sample of professionals who were not involved in the JTA meetings are asked to review and validate the information and to ensure that the certification exam reflects the essential knowledge necessary for competent practice as a professional. The results are analyzed from the context to become the basis of the final Examination Blueprint, the document, which lists the domains and elements for the credential. The subject matter experts also determine eligibility requirements and recertification requirements for the credential. As an additional validation step, participants can compare and contrast their work against documents prepared by other groups (if available), which identify tasks and supporting knowledge and skills in practice.

In order to ensure that credentialed practitioners protect the public through their work, BGC conducts a JTA every five to seven years so that eligibility, domains, tasks, knowledge, skills, examination, recertification, and ethical requirements reflect current, real-world practice.

Examination Purpose and Format

The CPEA examination is a three-part exam. You may schedule to take all exams on the same day or on different days.

- Part 1 is a multiple-choice test of your general knowledge of auditing practice.
- Part 2 is a multiple-choice test of your specialty knowledge of EHS Auditing.
- Part 3 is an essay/short-answer test of your specialty knowledge of EHS Auditing.

	Environmental Compliance	Health & Safety	Management Systems	Responsible Care®
General Knowledge M/C Exam	131 multiple-choice questions 2 hours to complete Exempt: CIA or CPA			
Specialty M/C Exam	120 multiple-choice questions 2 hours to complete Exempt: CHMM	152 multiple-choice questions 2 hours to complete Exempt: CIH, CSP, CRSP, or PSAC	76 multiple-choice questions 2 hours to complete	67 multiple-choice questions 2 hours to complete
Specialty Essay Exam	4 essay questions 2 hours to complete	4 essay questions 4 short answer items 2 hours to complete	3 essay questions 2 hours to complete	3 essay questions 2 hours to complete

You may go back and review questions at any time during the exam. There is a short tutorial prior to the examination and a short survey following the exam. Instructions for the exam also explain how you can submit comments about the content of specific questions during the exam. BGC staff will review your comments; however, for exam security reasons, staff will not be able to discuss your comments with you.

Individuals currently holding any of the following credentials may be eligible for an exemption from taking specific parts of the CPEA Exam.

- Individuals holding either of the following credentials are eligible to be exempt from taking the Part 1 Exam:
 - Certified Internal Auditor® (CIA), offered by The Institute of Internal Auditors (The IIA)
 - Certified Public Accountant (CPA), offered by the American Institute of Certified Public Accountants (AICPA)
- Individuals holding the Certified Hazardous Materials Manager (CHMM) credential, offered by the Institute of Hazardous Materials Management (IHMM) are eligible to be exempt from taking the Part 2 Environmental Compliance Exam.
- Individuals holding either of the following credentials are eligible to be exempt from taking the Part 2 Health and Safety Exam:
 - Certified Industrial Hygienist (CIH), offered by the Board for Global EHS Credentialing (BGC)
 - Canadian Registered Safety Professional (CRSP)/Professionnel en sécurité agréé du Canada (PSAC), offered by the Board of Canadian Registered Safety Professionals (BCRSP)
 - Certified Safety Professional® (CSP), offered by the Board of Certified Safety Professionals (BCSP)

In order to claim an exam exemption, the applicant must:

- complete an exemption form
- provide supporting documentation
- pay the non-refundable exemption fee for each exam

BGC staff must confirm the validity of your documentation before an exemption will be granted.

Also see the **Examination Process** and **Examination Scoring** sections.

Examination Scheduling

The Board for Global EHS Credentialing's certification examinations are delivered at PSI Test Centers located throughout the United States and internationally. A current listing of PSI Test Centers, including addresses and driving directions, may be viewed at http://schedule.psiexams.com. The examinations are administered by appointment only, Monday through Saturday.

Your eligibility to take the examination is valid for two years from the last day of the month when your application was approved and will expire after that time. If you fail to schedule an appointment for this examination within the two-year period, you will forfeit the application and all fees paid to take the examination. A complete application and examination fee are required to reapply for the examination.

Scheduling Your Appointment

After your application information is received by PSI from the Board for Global EHS Credentialing, you will receive confirmation of eligibility to schedule an examination appointment. You may schedule the examination by one of the following methods. Be prepared to confirm a date and location for testing. Individuals are scheduled on a first come, first-served basis.

Online Scheduling

When you receive the email confirming your eligibility to sit for the examination, you may schedule an examination appointment online at any time at http://schedule.psiexams.com. Internet scheduling is available 24 hours-a-day.

Go to http://schedule.psiexams.com and select "Begin Scheduling" from the home page.

- 1. Select a category choose "Other" from the pull-down menu.
- 2. Select a program choose "Board for Global EHS Credentialing" from the pull-down menu.
- 3. Select an examination choose the BGC CPEA examination listed on the pull-down menu.
- 4. Click the "Register for this Exam" option. Enter your Username and Password to log in if returning to this site.
- 5. First time users of PSI's online scheduling must select "New User."
- 6. Enter the information requested to create an account. When finished, select the "Continue" button to proceed.
- 7. If account creation is successful, a page requesting you to confirm/enter your contact information will appear. Enter the required information. When finished, select the "Next" button to proceed.
- 8. Select three security questions and provide answers which can be used to verify your identity when retrieving a username or password. Click the "Submit" button to proceed to the scheduling page.
- Begin typing the zip code or city name of your preferred test area and select the name from the list displayed. Click "Search" to find the closest Test Centers. The closest Test Center may be in a neighboring state.
- 10. Select a test center location to see available dates (all available dates are shown in green). Select the date, then time you want. Submit your request by clicking on the "Schedule" button. You will be sent a confirmation email of the appointment scheduled.

Telephone Scheduling

Call PSI at 833-256-1420 to schedule an examination appointment. This toll-free number is answered from 7:00 a.m. to 9:00 p.m. (Central Time) Monday through Thursday, 7:00 a.m. to 7:00 p.m. on Friday, and 8:30 a.m. to 5:00 p.m. on Saturday.

If you contact PSI by 3:00 p.m. Central Time on:	Depending on availability, your examination may be scheduled beginning:
Monday	Wednesday
Tuesday	Thursday
Wednesday	Friday/Saturday
Thursday	Monday
Friday	Tuesday

Confirmation Number

When you schedule your appointment, either by telephone or online, you will receive an email from PSI containing your confirmation number, appointment date, time, location, and driving directions to the center. Make sure you keep a record of your confirmation number and appointment information. You will need your confirmation number if you want to confirm, reschedule, or cancel your appointment. BGC will not have your confirmation number in our records.

Test Site Location

You may take your examination at PSI Testing Centers in the United States, Canada, and internationally.

Determine the best PSI location for taking your examination by performing the following steps:

- 1. Go to http://schedule.psiexams.com and select "Begin Scheduling" from the home page.
- 2. Select a category choose "Other" from the pulldown menu.
- 3. Select an examination choose the examination listed from the pulldown menu.
- 4. Select "Locate a Testing Center."
- 5. From the map, select the state in which you wish to test. This will show you all available testing centers in that state.

When scheduling your appointment, you should confirm the address of your test center and obtain directions. You may obtain directions to the PSI Testing Center at PSI's website at https://schedule.psiexams.com/ or by calling customer service at 833-256-1420.

Confirming Your Appointment

It is your responsibility to verify that you have been scheduled for the date, time, and place you have requested.

You may confirm your appointment in two ways.

- Call (833) 2561420 and speak to the customer service representative.
- Confirm your appointment online at https://schedule.psiexams.com/.
- International candidates may confirm their appointment by emailing AMPIntlExamServices@goAMP.com.

You can confirm your appointment online even if you scheduled your appointment by telephone.

Special Arrangements for Candidates with Disabilities

PSI and the Board for Global EHS Credentialing comply with the Americans with Disabilities Act and strive to ensure that no individual with a disability (as defined by the ADA as a person who has a physical or mental impairment that substantially limits one or more major life activities, a person who has a history or record of such an impairment, or a person who is perceived by others as having such an impairment) is deprived of the opportunity to take the examination solely by reason of that disability. PSI will provide reasonable accommodations for candidates with disabilities. Candidates requesting special accommodations must call PSI at 833-256-1420 to schedule their examination.

- 1. Wheelchair access is available at all established Test Centers. Candidates must advise PSI at the time of scheduling that wheelchair access is necessary.
- 2. Candidates with visual, sensory, physical, or learning disabilities that would prevent them from taking the examination under standard conditions may request special accommodations and arrangements.

Verification of the disability and a statement of the specific type of assistance needed <u>MUST BE MADE IN</u> <u>WRITING TO the Board for Global EHS Credentialing</u> at least 45 calendar days prior to your desired examination date by completing the *Test Accommodation Request Form* (https://GoBGC.org/testing-accommodations). BGC will review the submitted forms, consult with the vendor, and contact you regarding the decision for accommodations.

Missed Appointments/Forfeitures

You will forfeit the examination registration and all fees paid under the following circumstances:

- You wish to reschedule an examination but fail to contact PSI at least two business days prior to the scheduled testing session.
- You wish to reschedule a second time.
- You appear more than 15 minutes late for an examination.

You fail to report for an examination appointment.

A completed application form and examination fee are required to reapply for examination.

Inclement Weather/Power Failure/Other Emergency

In the event of inclement weather or unforeseen emergencies on the day of an examination, PSI will determine whether circumstances warrant the cancellation, and subsequent rescheduling, of an examination. The examination will usually not be rescheduled if the Test Center personnel are able to open the Test Center.

You may visit www.psionline.com/openings prior to the examination to determine if PSI has been advised that any Test Centers are closed. Every attempt is made to administer the examination as scheduled; however, should an examination be canceled at a Test Center, all scheduled candidates will receive notification following the examination regarding rescheduling or reapplication procedures.

If power to a Test Center is temporarily interrupted during an administration, your examination will be restarted. The responses provided up to the point of interruption will be intact.

Examination Day

Plan to arrive at the test center at least 30 minutes prior to your scheduled exam time. If you arrive more than 15 minutes after the scheduled testing time, you will not be admitted. You may bring a non-programmable calculator to the examination. Calculators built into cellular/smart phones are not permitted in the Test Center. Calculators with text storage capability are not permitted in the Test Center. PSI will provide both onscreen and handheld calculators.

What to Bring

The Test Center will provide materials for working out calculations. You must bring the following items:

- · A copy of the confirmation that you received via email.
- To gain admission to the Test Center, you must present two forms of identification. The primary form must be government issued, current, and include your name, signature, and photograph.
 Temporary ID is not accepted. You will also be required to sign a roster for verification of identity.
 - Examples of valid primary forms of identification are current: driver's license with photograph, state identification card with photograph, passport, or military identification card with photograph.
 - The secondary form of identification must display your name and signature for signature verification (e.g., credit card with signature, social security card with signature, or employment/student ID card with signature).
 - If your name on your registration is different than it appears on your identification, you must bring proof of your name change (e.g., marriage license, divorce decree, or court order).

You must have proper identification to gain admission to the Test Center. Failure to provide appropriate identification at the time of the examination is considered a missed appointment.



Avoid Identification Headaches

The name on your government-issued photo identification document must match the name that you used to register for the exam. If you have a name change, such as by marriage, please immediately notify BGC (at applications@GoBGC.org) and PSI via the scheduling portal or by contacting customer service at (833) 256-1420. This information must be submitted no less than 48 hours before your exam. If you do not provide the required identification or fully participate in the identity validation process during check-in and breaks, you will not be permitted to test, and you will forfeit your testing fees.

Examination Restrictions

You are prohibited from bringing items into the examination room except for the items specified above. Banned items include, but are not limited to, the following:

- Pencils will be provided during check-in.
- You will be provided with one piece of scratch paper at a time to use during the examination, unless
 noted on the sign-in roster for a particular candidate. You must return the scratch paper to the

proctor at the completion of testing, or you will not receive your score report.

- The use of reference materials is not allowed.
- No documents or notes of any kind may be removed from the Test Center.
- No questions concerning the content of the examination may be asked during the examination.
- Eating, drinking, or smoking is not permitted in the Test Center.
- You may take a break whenever you wish, but you will not be allowed additional time to make up for time lost during breaks.

Security

PSI administration and security standards are designed to ensure all candidates are provided the same opportunity to demonstrate their abilities. The Test Center is continuously monitored by audio and video surveillance equipment for security purposes.

The following security procedures apply during the examination:

- Examinations are proprietary. No cameras, notes, tape recorders, pagers, or cellular/smart phones are allowed in the testing room. Possession of a cellular/smart phone or other electronic devices is strictly prohibited and will result in dismissal from the examination.
- Only silent, non-programmable calculators without alphabetic keypads or printing capabilities are allowed in the testing room.
- No guests, visitors, or family members are allowed in the testing room or reception areas.

Personal Belongings

No personal items, valuables, or weapons should be brought to the Test Center. Only wallets and keys are permitted. Coats must be left outside the testing room. You will be provided a soft locker to store your wallet and/or keys with you in the testing room. You will not have access to these items until after the examination is completed. Please note the following items will not be allowed in the testing room except securely locked in the soft locker:

- Watches
- Hats
- Wallets
- Keys

Once you have placed your personal items into the soft locker, you will be asked to pull out your pockets to ensure they are empty. If all personal items will not fit in the soft locker, you will not be able to test. The site will not store or be responsible for any personal belongings.

If any personal items are observed or heard (cellular/smart phones, alarms) in the testing room after the examination is started, you will be dismissed, and the administration will be forfeited.

Cancellation and Rescheduling of Exams

You may reschedule your examination once at no charge online at http://schedule.psiexams.com or by calling PSI at 833-256-1420 at least two business days prior to your scheduled examination appointment. The following schedule applies:

If your examination is scheduled on:	You must contact PSI by 3:00 p.m. Central Time to reschedule the examination by the previous:
Monday	Wednesday
Tuesday	Thursday
Wednesday	Friday/Saturday
Thursday	Monday
Friday	Tuesday

Problems with PSI Scheduling and Testing

You should call the BGC office at (517) 853-5763 (between 8:00 AM to 5:00 PM, Monday through Friday, U.S. Eastern Time) if you encounter either of the following problems:

- You cannot schedule an exam because the PSI operator does not have a file with your name and identification number.
- You arrive at your scheduled examination appointment but are unable to test due to PSI technical or personnel difficulties.

Examination Process

After arriving at the Test Center and having your identification confirmed, you will be directed to a testing carrel. You will be instructed on-screen to enter your identification number. Your photograph, taken before beginning the examination, will remain on-screen throughout your examination session. This photograph will also print on your score report.

Practice Examination

Prior to attempting the examination, you will be given the opportunity to practice taking an examination on the computer. The time you use for this practice examination is NOT counted as part of your examination time or score. When you are comfortable with the computer testing process, you may quit the practice session and begin the timed examination.

Timed Examination

Each part of the CPEA examination is 2 hours long. Before beginning the examination, instructions for taking it are provided on-screen. The computer monitors the time you spend on the examination. The examination will terminate if you exceed the time allowed. You may click on the Time box in the lower menu bar on the screen to monitor your time. A digital clock indicates the time remaining for you to complete the examination. The Time feature may be turned off during the examination.

Only one examination question is presented at a time. The question number appears in the lower right portion of the screen. Choices of answers to the examination question are identified as A, B, C, or D. You must indicate your choice by either typing in the letter in the response box in the lower left portion of the computer screen or clicking on the option using the mouse. To change your answer, enter a different option by typing in the letter in the response box or by clicking on the option using the mouse. You may change your answer as many times as you wish during the examination time limit.

To move to the next question, click on the forward arrow (>) in the lower right portion of the screen. This action will move you forward through the examination question by question. If you wish to review any question or questions, click the backward arrow (<) or use the left arrow key to move backward through the examination.

An examination question may be left unanswered for return later in the examination session. Questions may also be bookmarked for later review by clicking in the blank square to the right of the Time button. Click on the double arrows (>>) to advance to the next unanswered or bookmarked question on the examination. To identify all unanswered and bookmarked questions, repeatedly click on the double arrows (>>). When the examination is completed, the number of examination questions answered is reported. If all questions have not been answered and there is time remaining, return to the examination and answer those questions.

Candidate Comments

During the examination, you may make comments for any question by clicking on the Comment button to the left of the Time button. This opens a dialogue box where comments may be entered. Comments will be reviewed, but individual responses will not be provided.

Following the Examination

After completing the examination, you are asked to answer a short evaluation of your examination experience. Then, you are instructed to report to the test center supervisor to receive a score report.



Failing to Report for an Examination

If you fail to report for an examination, you will forfeit the registration and all fees paid to take the examination. A completed application form and examination fee are required to register for another examination.

Examination Scoring

The CPEA exam is in three parts. Your passing score is based on the total number of questions that you answer correctly over the entire examination. In order to pass the exam, you must answer 70% or more of the total exam items correctly. It is to your advantage to answer all questions.

- All questions have the same point value.
- There is no penalty for incorrect answers (such as "number correct minus a percentage of the number of incorrect answers").
- A "passing" score is not required in each of the individual parts or in subareas.

Examinees may request a review of their exam score by filling out the <u>Review of the Exam Score Request Form</u> (https://GoBGC.org/cpea_cpsa_documents/), which will be forwarded to our testing vendor to conduct a score verification. The examinee should consider that, given the quality control procedures that are in place, it is highly unlikely that the score will change.

Notification of Examination Results

Examinees will receive their official results in writing approximately four to six weeks after completing all parts of the examination. If you fail your examination, we will inform you of your overall score.

All examinees will receive a performance report indicating their scores in the individual areas.

Confidentiality

As noted in the *BGC Privacy Policy*, examination reports, scores, and failures are not released outside of BGC without your authorization. Studies and reports concerning candidates will contain no information identifiable with any candidate, unless authorized by the candidate. The names of those who pass the examination will be listed on the BGC website and entered in the web rosters.

Duplicate Score Report

Requests for a duplicate score report must be made in writing to PSI within one year of the examination date. The request must include the candidate's name, mailing address, telephone number, date of examination, and examination taken. Submit this information along with a fee of \$25.00 payable to PSI Services Inc. by cashier's check or money order. Duplicate score reports will be processed and mailed within approximately five business days following receipt of the request.

Re-Examination

If you are not successful in your examination attempt, you must wait 120 days before you may retake the examination.

Obligations of Credential Holders

After you pass the exam and are issued your credential, you are required to meet several obligations, not limited to:

- Paying your fees on or before the due date
- Continually updating your knowledge and skills
- Documenting knowledge and skills through the Certification Maintenance Process
- Upholding the BGC Code of Ethics

Please be aware that if the requirements for certification and recertification change, you will be required to meet them in order to hold your certification.

Examination Preparation

The BGC Board encourages you to consider your knowledge and experience and to assess your recognized strengths and weaknesses.

Self-study, specific training, and group discussions are recognized methods of improving perceived weaknesses. However, the Board does not endorse or support specific training courses, study guides, or other activities that are intended or purported to be preparation for its examinations.

Sample Questions

The following are provided to familiarize you with the nature and form of questions that may be found on the Board's examinations. Their subject matter and level of difficulty do not necessarily reflect the content of BGC examinations.

- 1. Which of the following is not a basic element common to most audit program manuals:
 - A. Objectives
 - B. Scope
 - C. Subjects to be audited
 - D. Names of qualified auditors
- 2. The staff assigned to conduct an audit should:
 - A. Be comprised of members with a master's level or equivalent educational background.
 - B. Demonstrate overall aptitude in a multitude of industries.
 - C. Have qualifications commensurate with the scope and complexities of the audit assigned.
 - D. Be comprised only of members with QEP, CIH, or CSP professional certification.
- 3. An auditor finds evidence in the facility files that directly contradicts a statement made by the EHS coordinator. The EHS coordinator refuses to admit his error and comes to the audit team leader and states that the audit team is free to review files, but no more interviews will be granted to that auditor. The best first course of action for the audit team leader in this situation is:
 - A. Contact the audit program director for assistance in resolving the conflict.
 - B. Work with the EHS coordinator to try to resolve the conflict.
 - C. Replace the auditor.
 - D. End the audit.
- 4. Under ISO 19011 (which superseded ISO 14010), the auditors of a management system must be objective, independent, and competent. Which of the following circumstances would least fit the ISO requirement for independence and objectivity where compliance with a Corporate Standard was being evaluated at a site?
 - A. The auditor wrote the Corporate Standard for the subject s/he is auditing.
 - B. The auditor developed the Corporate Guidelines on how to implement the Standard for the subject s/he is auditing.
 - C. The auditor works at a plant in a different division and has to implement the Corporate Standard at his/her own plant.
 - D. The auditor is an outside consultant who assisted in developing the Corporate Standard.

<u>Publications and References: Environmental Compliance</u>

BGC examination questions are supported by many sources that reflect the underlying purposes and principles of EHS auditing as well as the current knowledge that is expected in Environmental Compliance. Frequently cited resources are provided below, but the list is not exhaustive:

- Achieving Environmental Management Standards M. J. Gilbert
- Auditing for Environmental Quality Leadership J. Willig
- Codes of Conduct The Auditing Roundtable (AR)
- Competency Framework for Environmental, Health and Safety Auditors BEAC website (http://www.beac.org/guidance-gb.html)
- Corporate Environmental Strategy B. Piasecki
- Effective Environmental Auditing International Chamber of Commerce
- Environmental Auditing Fundamentals and Techniques J. Ladd Greeno, et al
- Environmental Audits R. Kane, et al
- Environmental, Health and Safety Auditors Handbook J. Ladd Greeno, et al
- Environmental Health and Safety Audits, 8th Edition Lawrence B. Cahill, CPEA
- Environmental Risk Management: A Desk Reference E. Rothenberg
- EPA Audit Policy EPA website (<u>www.epa.gov</u>)
- Practical Guide to Environmental Management F. B. Friedman
- Sawyers Internal Auditing L. B. Sawyer
- Standards for the Professional Practice of Environmental, Health and Safety Auditing BEAC website (http://www.beac.org/guidance-ga.html)
- The Professional Practices Framework Institute of Internal Auditors

<u>Publications and References: Health and Safety</u>

BGC examination questions are supported by many sources that reflect the underlying purposes and principles of EHS auditing as well as the current knowledge that is expected in Health and Safety. Frequently citied resources are provided, below, but the list is not exhaustive:

- 29 CFR Parts 1902 through 1910 and Part 1926 OSHA
- Accident Prevention Manual for Business and Industry Administration and Programs, 13th Edition National Safety Council
- Code of Ethics BEAC website (<u>www.beac.org/ethics.html</u>)
- Competency Framework for Environmental Health and Safety Auditors BEAC website (www.beac.org/guidance-gb.html)
- Standards for the Professional Practice of Environmental, Health and Safety Auditing BEAC website (www.beac.org/guidance-ga.html)
- The Professional Practices Framework Institute of Internal Auditors (<u>www.theiia.org/guidance/standards-and-practices</u>)
- Codes of Conduct The Auditing Roundtable (www.auditing-roundtable.org/fw/main/Code_of_Ethics-57.html)
- Environmental, Health and Safety Auditors Handbook J. Ladd Greeno, et al
- Environmental Health and Safety Audits, 8th Edition Lawrence B. Cahill, CPEA
- Fundamentals of Industrial Hygiene Barbara A. Plog, Jill Niland, and Patricia J. Quinlan
- Fundamentals of Occupational Safety and Health J. P. Kohn, M. A. Friend, and C. A. Winterberger

- Industrial Safety and Health Management C. Ray Asfahl
- OSHA: Employee Workplace Rights U.S. Department of Labor
- OSHA Inspections Preparation and Response, 8th Edition Rick Kaletsky
- OSHA's Voluntary Compliance Outreach Program Federal OSHA
- Recognition of Health Hazards in Industry: A Review of Materials Processes William A Burgess
- Sawyers Internal Auditing L. B. Sawyer
- Threshold Limit Values for Chemical Substances and Physical Agents: Biological Exposure Indices American Conference of Governmental Industrial Hygiene

Publications and References: Management Systems

BGC examination questions are supported by many sources that reflect the underlying purposes and principles of EHS auditing as well as the current knowledge that is expected in Management Systems. Frequently citied resources are provided, below, but the list is not exhaustive:

- A Common Body of Knowledge for the Practice of Internal Auditing Institute of Internal Auditors
- Standards for the Performance of EHS Audits The Auditing Roundtable
- Standard for the Design and Implementation of an Environmental, Health and Safety Audit Program, The Auditing Roundtable
- Standards for the Professional Practice of Internal Auditing Institute of Internal Auditors
- Standards for the Professional Practice of Environmental, Health and Safety Auditing, BEAC
- Competency Framework for Environmental Health and Safety Auditors, BEAC
- Code of Ethics, The Auditing Roundtable
- Code of Ethics, BEAC
- Corporate Social Responsibility: The WBCSD's journey, Global Reporting Initiative, 2000 (can be downloaded from www.globalreporting.org)
- The ISO 14001 Implementation Guide: Creating an Integrated Management System, S. L. Jackson, John Wiley & Sons, Inc., 1997
- Moving Ahead with ISO 14000: Improving Environmental Management and Advancing Sustainable Development, P.A. Marcus and J.T. Willig, eds., John Wiley & Sons, Inc., 1997

Environmental Standards

- 1. ISO 14001 Environmental Management Systems Specification with guidance for use, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the American National Standards Institute [ANSI] Electronic Standards Store, document number JIS Q 14001:1996.)
- 2. ISO 14004 Environmental Management Systems General guidelines on environmental management principles, systems and supporting techniques, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number JIS Q 14004:1996.)
- 3. ISO 14010 Guidelines for Environmental Auditing General Principles, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number JIS Q 14010:1996; superseded by ISO 19011:2002.)
- 4. ISO 14011 Guidelines for Environmental Auditing Audit Procedures Auditing of environmental management systems, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number JIS Q 14011:1996, superseded by ISO 19011:2002.)

- 5. ISO 14012 Guidelines for Environmental Auditing Qualification criteria for Environmental auditors, International Organization for Standardization, 1998. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number JIS Q 14011:1996, superseded by ISO 19011:2002.)
- 6. ISO 19011 Guidelines for Quality and/or Environmental Management Systems Auditing, International Organization for Standardization, 1998. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number 19011:2002.)
- 7. National Environmental Performance Track Program Guide, EPA240-F-01-002, U.S. Environmental Protection Agency, Washington, D.C., October 2001, http://www.epa.gov/performancetrack/programguide.pdf
- 8. Compliance-Focused Environmental Management System Enforcement Agreement Guidance, EPA-330/9-97-002R, U.S. Environmental Protection Agency, National Enforcement Investigations Center, Denver, CO, Revised December 2001, http://www.epa.gov/compliance/resources/publications/incentives/ems/ems12elemr.pdf
- 9. Guidance Document: Improving Environmental Performance and Compliance 10 Elements of Effective Environmental Management Systems, Commission for Environmental Cooperation, Montreal, Quebec, June 2000, http://www.epa.gov/Compliance/resources/policies/incentives/ems/cecguidedoc.pdf

Health and Safety Standards

- Voluntary Protection Program, U.S. Occupational Safety & Health Administration, Washington, D.C., 53 FR 26339, July 12, 1988, http://www.osha.gov/dcsp/vpp/index.html
- 2. Revisions to the Voluntary Protection Programs to Provide Safe and Healthful Working Conditions, 65 FR 45650-45663, July 24, 2000
- 3. Safety and Health Program Management Guidelines: Issuance of Voluntary Guidelines, Occupational Safety & Health Administration, U.S. Department of Labor, Federal Register 54:3904-3916, January 26, 1989, http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGISTER&p_id=12909&p_text_version=FALSE
- 4. Occupational Health and Safety Management System: An AIHA Guidance Document, AIHA OHSMS 96/3/26, American Industrial Hygiene Association, Fairfax, Virginia, March 1996. (Not available as web download; can be ordered from www.aiha.org.)

Industry Standards

- Responsible Care®, American Chemistry Council, Arlington, Virginia, 1988, http://www.americanchemistry.com
 (from this site, choose Responsible Care, then under "About Responsible Care" choose General Information, this will take you a to a description of the elements of Responsible Care®),
 http://www.responsiblecaretoolkit.com/overview.asp (this URL takes you to the toolkit; however, to get the RCMS 14001 technical specifications document requires a password).
- 2. Model Environmental, Health & Safety (EHS) Management System A Voluntary Tool for Companies Interested in Developing an EHS Management System or Enhancing an Existing System, American Petroleum Institute, API Publication 9100A, Washington, D.C., October 1998. (Not available on the web; can be obtained from API, 1220 L Street, N.W., Washington, DC. 20005.)
- 3. Guidance Document for Model EHS Management System, American Petroleum Institute, API Publication 9100B, Washington, D.C., October 1998. (Not available on the web; can be obtained from API, 1220 L Street, N.W., Washington, DC. 20005.)

- 25 -

Other

1. Sustainability Reporting Guidelines, Global Reporting Initiative, 2002. (Can be downloaded from www.globalreporting.org.)

Publications and References: Responsible Care®

BGC examination questions are supported by many sources that reflect the underlying purposes and principles of EHS auditing as well as the current knowledge that is expected of the Responsible Care®. Frequently citied resources are provided, below, but the list is not exhaustive:

- Competency Framework for Environmental Health and Safety Auditors, BEAC
- Code of Ethics, BEAC
- A Common Body of Knowledge for the Practice of Internal Auditing Institute of Internal Auditors
- Standards for the Performance of EHS Audits The Auditing Roundtable
- Standard for the Design and Implementation of an Environmental, Health and Safety Audit Program, The Auditing Roundtable
- Standards for the Professional Practice of Internal Auditing Institute of Internal Auditors
- Code of Ethics, The Auditing Roundtable
- The ISO 14001 Implementation Guide: Creating an Integrated Management System, S. L. Jackson, John Wiley & Sons, Inc., 1997
- Moving Ahead with ISO 14000: Improving Environmental Management and Advancing Sustainable Development, P.A. Marcus and J.T. Willig, eds., John Wiley & Sons, Inc., 1997

Sources for Standards

- 1. Responsible Care® Management System (RCMS®) Technical Specification, RC 101.02, American Chemistry Council, Arlington, Virginia, 2004, can be downloaded at no charge from http://www.rctoolkit.com/cert_procedures.asp.
- 2. Responsible Care® Management System (RCMS®) –Implementation Guidance, RC 102.00, American Chemistry Council, Arlington, Virginia, 2004, available for purchase at http://www.rctoolkit.com/cert_procedures.asp, product ID: 610467, Price: \$350.00
- 3. RC14001 Technical Specification, RC 151.03, American Chemistry Council, Arlington, Virginia, 2005, available for purchase at http://www.rctoolkit.com/cert_procedures.asp, product ID: 610474D, price: \$120.00.
- 4. RC140001 Auditor Guidance (RC152.03), http://www.rctoolkit.com
- 5. ISO 14001 Environmental Management Systems Specification with guidance for use, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the American National Standards Institute [ANSI] Electronic Standards Store, document number JIS Q 14001:1996.) Note: The RC14001 standard contains the complete text of ISO 14001.
- 6. ISO 14004–Environmental Management Systems General guidelines on environmental management principles, systems and supporting techniques, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number JIS Q 14004:1996.)
- 7. ISO 14010-Guidelines for Environmental Auditing General Principles, International Organization for Standardization, 1996. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number JIS Q 14010:1996; superseded by ISO 19011:2002.)
- 8. ISO 19011-Guidelines for Quality and/or Environmental Management Systems Auditing, International Organization for Standardization, 1998. (Not available as web download; can be ordered from the ANSI Electronic Standards Store, document number 19011:2002.)
- 9. Voluntary Protection Program, U.S. Occupational Safety & Health Administration, Washington, D.C., 53 FR 26339, July 12, 1988, can be downloaded at no charge from http://www.osha.gov/oshprogs/vpp/.
- 10. Performance and Program STANDARDS for the Professional Practice of Environmental, Health and Safety Auditing, BEAC. Copy provided to applicants or can be purchased at www.beac.org.

CPEA® Exam Blueprint

The CPEA examination is a three-part exam. You may schedule to take all exams on the same day or on different days:

- Part 1 is a multiple-choice test of your general knowledge of auditing practice.
- Part 2 is a multiple-choice test of your specialty knowledge of EHS Auditing.
- Part 3 is an essay/short-answer test of your specialty knowledge of EHS Auditing.

The primary regulations that PSM auditor certification is based on are the following:

- OSHA's EHS Auditing Management (PSM)
- EPA's Risk Management Plan (RMP)
- Seveso III Directive
- UK's Control of Major Industrial Accidents (COMAH)

Part I: Basic Principles of Auditing - (All CPEA Exams)

The questions in Part I are generic and are based on auditing principles that apply to all CPEA specialty areas.

Area 1: Ethics and Standards of Conduct for Auditors

This category relates to the candidate's understanding, judgment, and perception of how an auditor should behave and react to ethical situations that can occur in the audit process. This may include some questions concerning BEAC, IIA, and TAR standards for auditing. Test questions focus on topics such as:

- a. Conflict of Interest
- b. Independence of Auditors
- c. Due Professional Care
- d. Material Facts and Disclosure
- e. Auditor Proficiency

Area 2: Audit Program Design

This category includes issues related to the design, structure, and key planning elements of audit programs. Test questions focus on topics such as:

- a. Senior Management Commitment
- b. Scope of Audit Programs
- c. Audit Tools
- d. Site Selection/Frequency of Audits
- e. Quality Assurance Mechanisms
- f. Auditor Staffing/Training

Area 3: Audit Activities

This category relates to activities associated with actually conducting a specific audit. Test questions focus on topics such as:

- a. Pre-Audit Activities (e.g., gathering background information, contacting the facility, coordinating the audit team)
- b. On-site Activities (e.g., opening meeting and tour; assessing and evaluating systems, programs, and procedures; gathering information: interviewing, reviewing documents and records, sampling, making inspections; handling sensitive situations; evaluating audit evidence and writing findings; closing meeting)
- c. Post-audit Activities (e.g., report preparation, legal protection/confidentiality of results, corrective action planning and tracking)

Parts II & III: Environmental Compliance

Some of the questions in Part II relate to environmental compliance in general, while Part III requires that you draw both on your knowledge of auditing principles (which was tested in Part 1) and on your familiarity with the requirements of environmental standards, codes, and regulations (which was tested in Part II). Although Parts I and II focus on specific knowledge of mostly factual information, the essay questions in Part III are designed to measure your ability to analyze, think critically, integrate information, and express yourself clearly and logically.

Many questions are specific and require recognition or recall of the detailed requirements of particular standards and/or applicable regulatory requirements. The applicant will not have to know "chapter and verse" but will be required to know content.

Part II Question Categories	Distribution
Regulatory Framework	13%
Applicability Determination	18%
Environmental Technology	11%
Facility Compliance with Regulations	58%

This section relates to the candidate's understanding, judgment, and perception of topics such as:

Legislative/Regulatory Applicability

This category relates to an auditor's need to understand what environmental laws and regulations apply to a particular process or operation at audited facilities. Test questions could focus on topics such as:

- a. Major Regulatory Thrust of Major Environmental Laws
- b. EPA/State Jurisdiction/Enforcement of Laws
- c. Regulatory Process (interim, draft, final)
- d. Ability to Determine Applicability of Environmental Laws to Audited Facility Operations/Processes

Process Operations, Environmental Impacts, and Related Pollution Control Technologies

This category relates to an auditor's ability to evaluate what environmental impacts and compliance issues result from typical process operations and understanding the generic pollution control technologies to control the impacts. Test questions could focus on topics such as:

- a. Typical Waste Streams and Pollutants Generated by Process Operations
- b. Thresholds that Trigger Compliance Requirements
- c. General Concepts of Operation of Pollution Control Technologies
- d. Typical Compliance Related Requirements Associated with Pollution Control Technologies

Media Specific Regulatory Knowledge

This category relates to an auditor's knowledge of key regulatory requirements that are typically evaluated during an audit. Test questions could focus on topics such as:

- a. Wastewater/Stormwater
- b. Air Emissions
- c. Hazardous Waste/Solid Waste
- d. SARA Title III
- e. USTs
- f. Drinking Water
- g. Spill Control/Response (SPCC)
- h. TSCA

The Environmental Acts/Standards/Regulations that govern environmental practices in the United States are known by many names and acronyms. It is not expected that examinees will be familiar with the specific details of **all** of the Acts/Standards/Regulations or sections. However, it will be virtually impossible to obtain a passing score unless you are *generally* familiar with **most** of the documents referenced in the table below.

Those that were specifically named in developing questions for Part II include:

U.S. Environmental Protection Agency Standard/Regulation/Act or Section

Clean Water Act - 1972

Clean Air Act - (as amended in 1990)

Resource Conservation and Recovery Act (RCRA)

Resource Conservation and Recovery Act (RCRA). Subtitle I - Underground Storage Tanks (UST)

National Pollutant Discharge Elimination System (NPDES)

National Ambient Air Quality Standards (NAAQS)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA – commonly called Super Fund)

Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

Toxic Substances Control Act (TSCA)

Safe Drinking Water Act

Public Health Security and Bioterrorism Preparedness and Response Act of 2002

National Primary Drinking Water Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Risk Management Plans (Under section 112(r) of the Clean Air Act)

Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313

National Emission Standards for Hazardous Air Pollutants

Oil Pollution Act (OPA) - August 1990

Continuous Emission Monitoring Systems (CEMS)

Prevention of Significant Deterioration Permit

Hazardous Organic National Emission Standard for Hazardous Air Pollutants (NESHAP) (HON Rule)

Storm Water Discharge Permit

RCRA Subtitle D Landfills

Parts II & III: Health & Safety

Some of the questions in Part II relate to general health and safety concepts, while Part III requires that you draw both on your knowledge of auditing principles (which was tested in Part 1) and on your familiarity with the requirements of health and safety standards, codes, and regulations (which was tested in Part II). Although Parts I and II focus on specific knowledge of mostly factual information, the essay questions in Part III are designed to measure your ability to analyze, think critically, integrate information, and express yourself clearly and logically.

Many questions are specific and require recognition or recall of the detailed requirements of particular standards or applicable regulatory requirements. The applicant will not have to know "chapter and verse" but will be required to know content. This section relates to the candidate's understanding, judgment, and perception of topics such as:

Internal Controls

This category relates to an auditor's need to understand the procedures that exist at the audited facility to ensure compliance with applicable regulations. Test questions could focus on topics such as:

- a. Identification of Applicable Compliance Areas
- b. Responsibility/Accountability for Compliance Task/Functions
- c. Training/Qualifications of Facility Staff
- d. Availability of Compliance Procedures
- e. Self-Assessment Mechanisms for Compliance

Legislative/Regulatory Applicability

This category relates to an auditor's need to understand what health and safety laws and regulations apply to particular activities or operations at audited facilities. Test questions could focus on topics such as:

- a. Major Regulatory Focus of General and Construction Standards and Recordkeeping
- b. Federal OSHA/State Jurisdiction/Enforcement of Laws
- c. Regulatory Process (interim, draft, final)
- d. Ability to Determine Applicability of Occupation Safety and Health Laws/Regulations to Typical Worker Activities and Workplace Environments at the Audited Facility
- e. Relationship of OSHA standards to:
 - American National Standards Institute (ANSI) standards
 - National Electric Code (NEC)
 - National Fire Protection Agency (NFPA)
 - American Society for Testing and Materials (ASTM)
 - American Society of Mechanical Engineers (ASME)

Occupational Safety and Health Impacts of Various Worker Activities, Workplace Environments, and Related Exposure Reducing Practices and Technologies

This category relates to an auditor's ability to evaluate what occupational safety and health impacts and compliance issues result from typical worker activities and workplace environments and understanding the generic engineering, administrative, and personal protective equipment and technologies to control potential impacts. Test questions could focus on topics such as:

- a. Typical Health and Safety Exposures Generated by Various Workplace Activities and Environments
- b. Exposure Thresholds that Trigger Compliance Requirements
- c. General Concepts of Operation of Engineering, Administrative, and Personal Protective Equipment Practices and Technologies
- d. Typical Compliance Related Requirements Associated with Engineering, Administrative, and Personal Protective Equipment Practices and Technologies

Activity/Environment Specific Regulatory Knowledge (29 CFR 1910 and 1926)

This category relates to an auditor's knowledge of key regulatory requirements that are typically evaluated during an audit. Test questions could focus on topics such as those listed, below. You are not expected to be familiar with the specific details, but you should be familiar with most of them:

1910 - Occupational Safety and Health Standards (General Industry)	1926 - Safety and Health Regulations for Construction (Construction Standards)
Asbestos Blood Borne Pathogens Compressed Gas and Compressed Air Equipment Confined Space Contractor Safety Cylinder Storage Electrical Emergency Response Environmental Monitoring Fall Protection Fire Protection Fire Protection Flammable Liquid/Gas Storage General Environmental Controls Hand and Portable Powered Tools and Other Hand-Held Equipment Hazard Communication Hazardous Materials Hazardous Waste Operations and Emergency Response (HAZWOPER) Hearing Conservation Hoisting and Cranes Incident Investigation Laboratory Safety Lead Life Safety Lock Out/Tag Out Machinery and Machine Guarding Materials Handling and Storage Medical and First Aid Motor Vehicle Safety Noise Monitoring Occupational Health and Safety Environmental Controls Personal Protective Equipment Powered Platforms, Manlifts, and Vehicle-Mounted Work Platforms Pressure Vessels Process Safety Management Record Keeping Respiratory Protection Special Industries Threshold Limit Values (TLVs) Ventilation Walking - Working Surfaces Welding, Cutting and Brazing	 Blasting and the Use of Explosives Concrete and Masonry Construction Cranes, Derricks, Hoists, Elevators, and Conveyors Demolition Electrical Excavations Fall Protection Materials Handling, Storage, Use, and Disposal Motor Vehicles, Mechanized Equipment, and Marine Operations Occupational Health and Environmental Controls Personal Protective and Life Saving Equipment Power Transmission and Distribution Rollover Protective Structures; Overhead Protection Scaffolds Signs, Signals, and Barricades Stairways and Ladders Steel Erection Tools-Hand and Power Toxic and Hazardous Substances Underground Construction, Caissons, Cofferdams and Compressed Air Welding and Cutting

Parts II & III: Management Systems

Some of the questions in Part II relate to general management system concepts, while Part III requires that you draw both on your knowledge of auditing principles (which was tested in Part 1) and on your familiarity with the requirements of management system standards, codes, and regulations (which was tested in Part II). Although Parts I and II focus on specific knowledge of mostly factual information, the essay questions in Part III are designed to measure your ability to analyze, think critically, integrate information, and express yourself clearly and logically.

Many questions are specific and require recognition or recall of the detailed requirements of particular standards and/or applicable regulatory requirements. The applicant will not have to know "chapter and verse" but will be required to know content. The standards/guidelines that were considered in developing questions for Part II include those listed below. You are not expected to be familiar with the specific details, but you should be familiar with most of the standards/guidelines and very familiar with the details of three or more of the standards/guidelines representing more than one of the categories (environmental, health & safety, industry, other):

Standard/Guideline	Issuing Organization			
Environmental Standards				
ISO 14000 – Environmental Management Systems	International Organization for Standardization			
National Environmental Performance Track	U.S. Environmental Protection Agency			
Compliance-Focused Environmental Management System	U.S. Environmental Protection Agency			
Improving Environmental Performance and Compliance – 10 Elements of Effective Environmental Management Systems	North American Commission on Environmental Cooperation			
Health & Safety Standards				
Voluntary Protection Program	U.S. Occupational Safety & Health Administration			
Occupational Health and Safety Management System	American Industrial Hygiene Association			
Industry Standards				
Responsible Care® Management Systems (RCMS and RC14000)	American Chemistry Council			
Model Environmental, Health & Safety (EHS) Management System	American Petroleum Institute			
Other				
Sustainability Reporting Guidelines	Global Reporting Initiative			

CPEA Candidate Handbook - 33 - September 15, 2021

Parts II & III: Responsible Care®

Some of the questions in Part II relate to Responsible Care® management system concepts, while Part III requires that you draw both on your knowledge of auditing principles (which was tested in Part 1) and on your familiarity with the requirements of management system standards, codes, and regulations (which was tested in Part II). Although Parts I and II focus on specific knowledge of mostly factual information, the essay questions in Part III are designed to measure your ability to analyze, think critically, integrate information, and express yourself clearly and logically.

Many questions are specific and require recognition or recall of the detailed requirements of particular standards or applicable regulatory requirements. The applicant will not have to know "chapter and verse" but will be required to know content. The standards/guidelines that were considered in developing questions for Part II include those listed below. Examinees should be familiar with details of all of them.

Standard/Guideline	Issuing Organization	Exam Question Distribution
ISO 14001–Environmental Management Systems and 19011–Guidelines for Quality and/or Environmental Management Systems Auditing	International Organization for Standardization	10%
Voluntary Protection Program	U.S. Occupational Safety & Health Administration	10%
RCMS Responsible Care® Management Systems technical specification RC 101.01 and RC14001 Responsible Care® Management Systems technical specification RC 151.03	American Chemistry Council	80%

CPEA Candidate Handbook - 34 - September 15, 2021

Other Information

Included in this section is the CPEA Eligibility checklist. Also included is the current BGC Board of Directors, the current BEAC Committee, and information on the staff at BGC.

CPEA Eligibility Checklist

This is a simple check list of eligibility requirements for people interested in pursuing the CPEA® credential. Please complete this self-evaluation form before contacting BGC® so that we can better assist you. If you are unable to check all of the boxes below, it may mean that you have an eligibility gap that must be closed.

Academic Degree			
A.	I have at least a 4-year bachelor's degree from a U.S. college or university that is accredited by a U.S. Department of Education (USDE) recognized regional or national accreditation agency or a degree from an appropriately accredited foreign institution that is academically equivalent to a U.S. bachelor's degree.		
	Training		
В.	Option 1 : I have evidence of at least 40 hours training in the past three years in either: 1) Environmental Compliance, 2) Health and Safety, or 3) Management Systems		
	OR		
	Option 2 : I have evidence of at least 40 hours training in the past three years in Responsible Care [®] , which includes successful completion of an ACC qualified Responsible Care [®] course in accordance with "Responsible Care [®] Auditor Course Requirements" (RCMS206.00).		
Professional Practice Experience			
C.	Option 1: I have a minimum of 4 years of work experience in either: 1) Environmental Compliance, 2) Health and Safety or 3) Management Systems.		
	OR		
	Option 2 : I have a minimum of 4 years of work experience in Responsible Care® over the last 10 years.		
D.	Option 1 : Over the last 4 years, I conducted at least 20 audits totaling 100 days or more in either: 1) Environmental Compliance, 2) Health and Safety, or 3) Management Systems. Of the 100 days, a minimum of 20 days must be conducted on-site or virtually.		
	OR		
	Option 2 : Over the last 2 years, I conducted at least four EMS-related audits consisting of at least 20 total days.		
E.	Character references will be submitted on my behalf from two responsible individuals, such as supervisors or managers, who have known me for a minimum of two years and have knowledge of my experience and skills relative to EHS auditing at the professional level.		
Ethical Practice			
F.	I have not been involved in any unethical behavior and will adhere to the BGC Code of Ethics.		
	Fees Fees		
G.	I am able to pay all fees required to obtain and hold the credential including:		
	 Application/Reapplication Fee Examination Fee Examination Exemption Fee (if needed) Annual Fee (after Passing the exam) 		

BGC's Decision-Making Body and Committees

BGC is governed by a board of 13 voting members. New board members are elected by the current board. The BGC chair appoints members of the BGC board to the following standing committees: Nominations, Quality Improvement, Financial Oversight/Audit, Bylaws/Policies (ANSI), and Awards.

Members of BGC Board of Directors (2021)

Chair

Alan Leibowitz, CIH, CSP, FAIHA BGC Director 2017-2021 EHS Systems Solutions, LLC

Vice Chair

Tom Grumbles, CIH, CPEA, FAIHA BGC Director 2019-2023 Retired

Past Chair

Cynthia Hanko, CIH BGC Director 2016-2021 Honeywell International

Directors

Kari Brisolara, ScD, MSPH, QEP BGC Director 2019-2022

LSU Health Sciences Center, School of Public Health

Subena Colligan, M.S., CIH, CSP BGC Director 2020-2023 Gulfstream Aerospace

Donna Doganiero, CIH, FAIHA BGC Director 2017-2021 Department of the Army

Surgeon General's Public Health Service Line Office

Kelly Fernandes, MSc, CIH BGC Director 2021-2024

Workplace Safety and Prevention Services

Libby Ford, QEP, CHMM, CEP BGC Director 2017-2021 Nixon Peabody, LLP

Allan Griggs, PE, QEP, CPEA BGC Director 2020-2021 AAGriggs Consulting

Cheri Marcham, CSP, CIH, CHMM, FAIHA BGC Director 2019-2022

Embry-Riddle Aeronautical University

Robert Skoglund, PhD, DABT, CIH, CPEA BGC Director 2021-2024

Covestro

Paula Steven, MSE, RS/REHS, CIH, CSP BGC Director 2021-2024 United States Government

Public Member

Eileen J. O'Neill, PhD, BCES, Public Member BGC Director 2020-2021 Retired

Volunteer Opportunities

If you are interested in serving on a BGC committee or the BGC Board of Directors, please contact us at applications@GoBGC.org.

Members of the BEAC Committee (2021)

The BEAC Committee is an Ad Hoc advisory group established to advise the BGC Board of Directors during the integration of the CPEA and CPEA credentialing programs into the BGC family of credentials. Our thanks go to the committee members for their counsel and support to the BGC.

Chair

Allan Griggs, PE, QEP, CPEA BGC Director 2020-2021 BEAC Committee Member 2020-2021 AAGriggs Consulting

Committee Members

Steven Albert, CPEA, QEP BEAC Committee Member 2020-2021 Ramboll Management Consulting

John Angelo, MBA, CIH, CHMM, CPEA BEAC Committee Member 2020-2021 TRC Companies, Inc.

Joseph Cotier, CPEA
BEAC Committee Member 2020-2021
The Elm Consulting Group International, LLC

Tom Grumbles, CIH, CPEA, FAIHA BGC Director 2019-2023 BEAC Committee Member 2021 Retired

Peter Montagna, CPSA, CPEA, CIT, CSP BEAC Committee Member 2020-2021 Global Process Safety & EHS Audits | H.B. Fuller

Paul Pettit, MS, MBA, CPEA, CRMA, CIA, BEAC Committee Member 2020-2021 Revenew International

Bill Qualls, CPEA, CESCO
BEAC Committee Member 2020-2021
Sustainable Solutions Consulting

BGC Staff, Services, and Information

Staff members of the Board for Global EHS Credentialing are available to provide consultation, guidance, and support for you to achieve eligibility to sit for BGC credentialing examinations and maintain your credential. Please email applications@GoBGC.org or call (517) 321-2638. Normal business hours are 8:00 AM to 5:00 PM Eastern Time, Monday through Friday.

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Pamela J. Trim Certification Director

More Information

For more information or access to documents and forms for obtaining and maintaining your BGC certifications, please visit our website: http://www.GoBGC.org.

CPEA Handbook - 39 - September 15, 2021



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