

# ISO 45001 LEAD IMPLEMENTER

# **Candidate Handbook**

# **PECB**

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### **SECTION I: INTRODUCTION**

#### **About PECB**

PECB is a certification body that provides education<sup>1</sup>, certification, and certificate programs for individuals on a wide range of disciplines.

Through our presence in more than 150 countries, we help professionals demonstrate their competence in various areas of expertise by providing valuable evaluation, certification, and certificate programs against internationally recognized standards.

#### Our key objectives are:

- Establishing the minimum requirements necessary to certify professionals and to grant designations
- 2. Reviewing and verifying the qualifications of individuals to ensure they are eligible for certification
- 3. Maintaining and continually improving the evaluation process for certifying individuals
- 4. Certifying qualified individuals, granting designations and maintaining respective directories
- Establishing requirements for the periodic renewal of certifications and ensuring that the certified individuals are complying with those requirements
- 6. Ascertaining that PECB professionals meet ethical standards in their professional practice
- 7. Representing our stakeholders in matters of common interest
- 8. Promoting the benefits of certification and certificate programs to professionals, businesses, governments, and the public

#### **Our mission**

Provide our clients with comprehensive examination, certification, and certificate program services that inspire trust and benefit the society as a whole.

#### **Our vision**

Become the global benchmark for the provision of professional certification services and certificate programs.

#### **Our values**

Integrity, Professionalism, Fairness

<sup>&</sup>lt;sup>1</sup> Education refers to training courses developed by PECB and offered globally through our partners.



#### The Value of PECB Certification

#### **Global recognition**

PECB credentials are internationally recognized and endorsed by many accreditation bodies, so professionals who pursue them will benefit from our recognition in domestic and international markets.

The value of PECB certifications is validated by the accreditation from the International Accreditation Service (IAS-PCB-111), the United Kingdom Accreditation Service (UKAS-No. 21923) and the Korean Accreditation Board (KAB-PC-08) under ISO/IEC 17024 – General requirements for bodies operating certification of persons. The value of PECB certificate programs is validated by the accreditation from the ANSI National Accreditation Board (ANAB-Accreditation ID 1003) under ANSI/ASTM E2659-18, Standard Practice for Certificate Programs.

PECB is an associate member of The Independent Association of Accredited Registrars (IAAR), a full member of the International Personnel Certification Association (IPC), a signatory member of IPC MLA, and a member of Club EBIOS, CPD Certification Service, CLUSIF, Credential Engine, and ITCC. In addition, PECB is an approved Licensed Partner Publisher (LPP) from the Cybersecurity Maturity Model Certification Accreditation Body (CMMC-AB) for the Cybersecurity Maturity Model Certification standard (CMMC), is approved by Club EBIOS to offer the EBIOS Risk Manager Skills certification, and is approved by CNIL (Commission Nationale de l'Informatique et des Libertés) to offer DPO certification. For more detailed information, click <a href="heepto:h

#### High-quality products and services

We are proud to provide our clients with high-quality products and services that match their needs and demands. All of our products are carefully prepared by a team of experts and professionals based on the best practices and methodologies.

#### **Compliance with standards**

Our certifications and certificate programs are a demonstration of compliance with ISO/IEC 17024 and ASTM E2659. They ensure that the standard requirements have been fulfilled and validated with adequate consistency, professionalism, and impartiality.

#### **Customer-oriented service**

We are a customer-oriented company and treat all our clients with value, importance, professionalism, and honesty. PECB has a team of experts who are responsible for addressing requests, questions, and needs. We do our best to maintain a 24-hour maximum response time without compromising the quality of the services.

#### Flexibility and convenience

Online learning opportunities make your professional journey more convenient as you can schedule your learning sessions according to your lifestyle. Such flexibility gives you more free time, offers more career advancement opportunities, and reduces costs.

# PECB

#### **PECB Code of Ethics**

The Code of Ethics represents the highest values and ethics that PECB is fully committed to follow, as it recognizes the importance of them when providing services and attracting clients.

The Compliance Division makes sure that PECB employees, trainers, examiners, invigilators, partners, distributors, members of different advisory boards and committees, certified individuals, and certificate holders (hereinafter "PECB professionals") adhere to this Code of Ethics. In addition, the Compliance Division consistently emphasizes the need to behave professionally and with full responsibility, competence, and fairness in service provision with internal and external stakeholders, such as applicants, candidates, certified individuals, certificate holders, accreditation authorities, and government authorities.

It is PECB's belief that to achieve organizational success, it has to fully understand the clients and stakeholders' needs and expectations. To do this, PECB fosters a culture based on the highest levels of integrity, professionalism, and fairness, which are also its values. These values are integral to the organization, and have characterized the global presence and growth over the years and established the reputation that PECB enjoys today.

PECB believes that strong ethical values are essential in having healthy and strong relationships. Therefore, it is PECB's primary responsibility to ensure that PECB professionals are displaying behavior that is in full compliance with PECB principles and values.

PECB professionals are responsible for:

- Displaying professional behavior in service provision with honesty, accuracy, fairness, and independence
- 2. Acting at all times in their service provision solely in the best interest of their employer, clients, the public, and the profession in accordance with this Code of Ethics and other professional standards
- 3. Demonstrating and developing competence in their respective fields and striving to continually improve their skills and knowledge
- 4. Providing services only for those that they are qualified and competent and adequately informing clients and customers about the nature of proposed services, including any relevant concerns or risks
- 5. Informing their employer or client of any business interests or affiliations which might influence or impair their judgment
- 6. Preserving the confidentiality of information of any present or former employer or client during service provision
- 7. Complying with all the applicable laws and regulations of the jurisdictions in the country where the service provisions were conducted
- 8. Respecting the intellectual property and contributions of others
- 9. Not communicating intentionally false or falsified information that may compromise the integrity of the evaluation process of a candidate for a PECB certification or a PECB certificate program
- Not falsely or wrongly presenting themselves as PECB representatives without a proper license or misusing PECB logo, certifications or certificates
- 11. Not acting in ways that could damage PECB's reputation, certifications or certificate programs
- 12. Cooperating in a full manner on the inquiry following a claimed infringement of this Code of Ethics

To read the complete version of PECB's Code of Ethics, go to Code of Ethics | PECB.



# Introduction to ISO 45001 Lead Implementer

ISO 45001 specifies the requirements for establishing, implementing, maintaining, and continually improving an occupational health and safety management system (OH&S MS). This training course aims to provide an in-depth understanding of ISO 45001 requirements, as well as the best practices and approaches used for the implementation, operation, and maintenance of an OH&S MS.

The "ISO 45001 Lead Implementer" credential is a professional certification for individuals aiming to demonstrate the competence to implement the occupational health and safety management system and lead an implementation team.

Considering that implementing is one of the most in-demand professions, an internationally recognized certification can help you achieve your career potential and reach your professional objectives.

PECB certifications are not a license or simply a membership. They attest the candidates' knowledge and skills gained through our training courses and are issued to candidates that have the required experience and have passed the exam.

This document specifies the PECB ISO 45001 Lead Implementer certification scheme in compliance with ISO/IEC 17024:2012. It also outlines the steps that candidates should take to obtain and maintain their credentials. As such, it is very important to carefully read all the information included in this document before completing and submitting your application. If you have questions or need further information after reading it, please contact the PECB international office at <a href="mailto:certification.team@pecb.com">certification.team@pecb.com</a>.



# SECTION II: EXAMINATION PREPARATION, RULES, AND POLICIES

# Preparing for and scheduling the exam

All candidates are responsible for their own study and preparation for certification exams. Although candidates are not required to attend the training course to be eligible for taking the exam, attending it can significantly increase their chances of successfully passing the exam.

To schedule the exam, candidates have two options:

- Contact one of our authorized partners. To find an authorized partner in your region, please go to <u>Active</u>
   <u>Partners</u>. The training course schedule is also available online and can be accessed on <u>Training Events</u>.
- 2. Take a PECB exam remotely through the <u>PECB Exams application</u>. To schedule a remote exam, please go to the following link: <u>Exam Events</u>.

To learn more about exams, competency domains, and knowledge statements, please refer to Section III of this document.

# Rescheduling the exam

For any changes with regard to the exam date, time, location, or other details, please contact <a href="mailto:online.exams@pecb.com">online.exams@pecb.com</a>.

# Application fees for examination and certification

Candidates may take the exam without attending the training course. The applicable prices are as follows:

Lead Exam: \$1000²
Manager Exam: \$700
Foundation Exam: \$500
Transition Exam: \$500

The application fee for certification is \$500.

For the candidates that have attended the training course via one of PECB's partners, the application fee covers the costs of the exam (first attempt and first retake), the application for certification, and the first year of Annual Maintenance Fee (AMF).

<sup>&</sup>lt;sup>2</sup> All prices listed in this document are in US dollars.



#### **Competency domains**

The objective of the "PECB ISO 45001 Lead Implementer" exam is to ensure that the candidate has acquired the necessary competence to support an organization in establishing, implementing, managing and maintaining an OH&S MS.

The ISO 45001 Lead Implementer certification is intended for:

- Managers or consultants involved in and concerned with the implementation of an occupational health and safety management system in an organization
- Project managers, consultants, or expert advisers seeking to master the implementation of an occupational health and safety management system
- Individuals responsible for maintaining conformity with the ISO 45001 requirements in an organization
- Members of an OH&S MS implementation team

The content of the exam is divided as follows:

- Domain 1: Fundamental principles and concepts of an occupational health and safety management system (OH&S MS)
- **Domain 2:** Occupational health and safety management system (OH&S MS)
- **Domain 3:** Planning the OH&S MS implementation
- Domain 4: Implementing an OH&S MS
- Domain 5: Performance evaluation, monitoring, and measurement of an OH&S MS
- Domain 6: Continual improvement of an OH&S MS
- Domain 7: Preparing for an OH&S MS certification audit



# Domain 1: Fundamental principles and concepts of an occupational health and safety management system (OH&S MS)

Main objective: Ensure that the candidate is able to interpret ISO 45001 principles and concepts.

|     | Competencies  |     | Knowledge statements  |
|-----|---|-----|---|
| 1.  | Ability to explain the scope and applicability of ISO 45001   | 1.  | Knowledge of the scope and applicability of ISO 45001 in different organizations                                      |
| 2.  | Ability to distinguish between ISO 45001 and other occupational health and safety-related standards | 2.  | Knowledge of the difference and similarities of ISO 45001 with other occupational health and safety-related standards |
| 3.  | Ability to explain the advantages of ISO 45001  | 3.  | Knowledge of the benefits of implementing an  |
| 4.  | Ability to explain the connection between   |     | OH&S MS based on ISO 45001  |
|     | organizations, human rights, and labor practices  | 4.  | Knowledge of the relationship between organizations, human rights, and labor  |
| 5.  | Ability to explain the human rights principles  |     | practices   |
|     | and labor practice principles   | 5.  | Knowledge of the definition of human rights   |
| 6.  | Ability to explain what an OH&S MS is   |     | principles and labor practice principles  |
| 7.  | Ability to identify the differences between core terms related to OH&S MS                           | 6.  | Knowledge of the OH&S management system definition, as stated in ISO 45001  |
| 8.  | Ability to list the common causes of occupational accidents   | 7.  | Knowledge of terms and definitions as stated in ISO 45001 as well as differences between                              |
| 9.  | Ability to explain the hazard and workplace   |     | those terms   |
|     | relationship  | 8.  | Knowledge of the methodology used to  |
| 10. | Ability to define what risk-based approach is, and how it is applied in ISO 45001                   |     | classify the common causes of occupational accidents  |
|     |   | 9.  | Knowledge of the relationship between hazards and workplaces  |
|     |   | 10. | Knowledge of the risk-based approach definition and its application in ISO 45001                                      |



# Domain 2: Occupational health and safety management system (OH&S MS)

**Main objective:** Ensure that the candidate is able to identify and explain the requirements for an occupational health and safety management system based on ISO 45001.

|    | Competencies   |    | Knowledge statements  |
|----|--|----|---|
| 1. | Ability to explain the difference between the  | 1. | Knowledge of the differences between the  |
|    | OH&S MS implementation project and daily OH&S MS operations                          |    | OH&S MS implementation project and day-to-<br>day management of the OH&S MS                       |
| 2. | Ability to explain the main approaches for a   | 2. | Knowledge of the implementation approaches  |
|    | OH&S MS implementation project   |    | for an OH&S MS  |
| 3. | Ability to initiate the OH&S MS implementation project                               | 3. | Knowledge of the PECB IMS2 methodology for the OH&S MS implementation project                     |
| 4. | Ability to utilize PECB's IMS2 methodology for                                       | 4. | Knowledge of the best practices for an OH&S   |
|    | the OH&S MS implementation project   |    | MS implementation project   |
| 5. | Ability to communicate the ultimate objectives of the OH&S MS implementation project | 5. | Knowledge of the objectives of an OH&S MS implementation project, regardless of the approach used |



# **Domain 3: Planning the OH&S MS implementation**

**Main objective:** Ensure that the candidate is able to plan the implementation of the OH&S MS based on ISO 45001.

|     | Competencies  |     | Knowledge statements   |
|-----|---|-----|--|
| 1.  | Ability to manage an OH&S MS implementation project by following the best practices                         | 1.  | Knowledge of the main project management concepts, terminology, process, and best practices  |
| 2.  | Ability to collect, analyze, and interpret the necessary information to plan the OH&S MS implementation     | 2.  | Knowledge of principal approaches and the methodology framework employed to implement an OH&S MS                                       |
| 3.  | Ability to observe, analyze, and interpret the internal and external environment of an organization         | 3.  | Knowledge of the typical approaches used to understand an organization's internal and external environment                             |
| 4.  | Ability to identify the relevant interested parties and define their relevant requirements                  | 4.  | Knowledge of the main interested parties related to an organization, and their   |
| 5.  | Ability to perform a gap analysis and clarify the OH&S objectives of an organization                        | 5.  | characteristics Knowledge of the techniques used to gather   |
| 6.  | Ability to assist top management demonstrate leadership and commitment with regard to                       |     | information on an organization and perform a gap analysis  |
| 7.  | OH&S MS Ability to ensure workers' participation and consultation in each phase of ISO 45001 implementation | 6.  | Knowledge of the ISO 45001 requirements aimed at the top management and activities undertaken to demonstrate leadership and commitment |
| 8.  | Ability to state and justify an OH&S MS scope adapted to the organization's specific OH&S objectives        | 7.  | Knowledge of the OH&S MS project team,<br>determining the needed resources, and<br>obtaining formal approval from the                  |
| 9.  | Ability to develop an OH&S policy and procedures  | 8.  | management Knowledge of the characteristics of an OH&S   |
| 10. | Ability to identify OH&S hazards  | 0.  | MS scope in terms of organizational, physical,   |
| 11. | Ability to perform the different steps of risk assessment   | 9.  | and OH&S boundaries Knowledge of the techniques and best practices to draft OH&S policies and procedures                               |
|     |   | 10. | Knowledge of identifying and determining hazards, objectives, and compliance obligations   |
|     |   | 11. | Knowledge of the different approaches and main methodology characteristics to perform a risk assessment                                |



# Domain 4: Implementing an OH&S MS

**Main objective:** Ensure that the candidate is able to implement the processes of an OH&S MS required for an ISO 45001 certification.

|     | Competencies   |     | Knowledge statements  |
|-----|--|-----|---|
| 1.  | Ability to manage, estimate, and monitor resources necessary for OH&S MS implementation, operation, and maintenance  | 1.  | Knowledge of typical resources required in implementing, operating, and maintaining an OH&S MS  |
| 2.  | Ability to establish a competence development program  | 2.  | Knowledge of the approaches used in establishing a competence development   |
| 3.  | Ability to undertake activities to increase awareness regarding related to the OH&S MS   |     | program and activities for competence maintenance   |
| 4.  | and OH&S issues<br>Ability to establish, implement, and maintain   | 3.  | Knowledge of the approaches used for increasing awareness related to OH&S MS and  |
|     | processes needed for internal and external communication   | 4.  | workplace safety Knowledge of the communication principles,   |
| 5.  | Ability to define the documentation, and record management processes needed to support the   |     | strategies, and typical methods used for internal and external communication  |
|     | implementation and operations of an OH&S<br>MS   | 5.  | Knowledge of the best practices on documentation and record management  |
| 6.  | Ability to define and design processes and properly document them  |     | processes and the documentation management life cycle   |
| 7.  | Ability to recognize the processes and procedures for managing incidents, preventing future impacts on workers' health and safety, and reducing their chance of occurrence | 6.  | Knowledge of the characteristics and the differences between the different documents related to an OH&S MS policy, procedure, guideline, standard, baseline, worksheets, etc. |
| 8.  | Ability to establish the necessary processes for change management   | 7.  | Knowledge of implementing controls, process techniques, and best practices  |
| 9.  | Ability to establish controls for procurement of products and services   | 8.  | Knowledge of the approaches and strategies used in establishing mechanisms and  |
| 10. |  | 9.  | frameworks for change management Knowledge of the typical controls and other best practices used for the procurement of   |
| 11. | Ability to establish and prepare an organization for responding to emergencies   | 10  | products and services Knowledge of the arrangements and the   |
|     | is responding to emergencies   |     | degree and extent of controls used to manage outsourced functions and processes   |
|     |  | 11. | Knowledge of the emergency preparedness and response approaches, plans, controls, and methods   |



# Domain 5: Monitoring, measurement, analysis, and evaluation of an OH&S MS

**Main objective:** Ensure that the candidate is able to evaluate, monitor, and measure the performance of an OH&S MS.

|    | Competencies                                   |    | Knowledge statements                          |
|----|--|----|---|
| 1. | Ability to monitor and evaluate the            | 1. | Knowledge of the best practices and           |
|    | effectiveness of an OH&S MS                    |    | techniques used to monitor and evaluate the   |
| 2. | Ability to distinguish between the main        |    | effectiveness of an OH&S MS                   |
|    | concepts related to performance evaluation     | 2. | Knowledge of the concepts related             |
| 3. | Ability to set measurement objectives and to   |    | performance evaluation                        |
|    | define what needs to be monitored and          | 3. | Knowledge of the typical measurement          |
|    | measured                                       |    | objectives and typically monitored aspects of |
| 4. | Ability to establish performance indicators    |    | an OH&S MS based on ISO 45001                 |
| 5. | Ability to evaluate the collected information  | 4. | Knowledge of the common performance           |
|    | and make it presentable to relevant interested |    | indicators used in OH&S MS                    |
|    | parties  | 5. | Knowledge of the typical strategies used to   |
| 6. | Ability to describe the main objective of the  |    | report the performance evaluation results     |
|    | internal audit program and internal audits     | 6. | Knowledge of the ISO 45001 requirements for   |
| 7. | Ability to define and implement OH&S MS        |    | internal audit program and internal audits    |
|    | internal audit program                         | 7. | Knowledge of the main concepts and            |
| 8. | Ability to describe the main inputs to         |    | components related to the implementation and  |
|    | management reviews and typical outcomes        |    | operation of OH&S MS internal audit program   |
| 9. | Ability to implement mechanisms to ensure      | 8. | Knowledge of the main inputs to management    |
|    | that top management performs regular and       |    | reviews and potential outcomes of those       |
|    | methodical reviews to ensure the suitability,  |    | reviews                                       |
|    | adequacy, effectiveness, and efficiency of     | 9. | Knowledge of the best practices used to       |
|    | OH&S MS  |    | perform management reviews                    |



# Domain 6: Continual improvement of an OH&S MS

**Main objective:** Ensure that the candidate is able to provide guidance on the continual improvement of an OH&S MS.

|    | Competencies  |          | Knowledge statements   |
|----|---|----------|--|
| 1. | Ability to track and take action on incidents and nonconformities   | 1.       | Knowledge of the ISO 45001 requirements for treatment of incidents and identified  |
| 2. | Ability to identify and analyze the root causes of nonconformities  | 2.       | nonconformities  Knowledge of the main processes, tools, and   |
| 3. | Ability to apply different methodologies to analyze the root cause of a nonconformity                           |          | techniques used to identify the root causes of nonconformities   |
| 4. | Ability to draft and propose corrective action plans  | 3.       | Knowledge of the different methodologies applied in a root cause analysis  |
| 5. | Ability to counsel an organization on how to continually improve the effectiveness and efficiency of an OH&S MS | 4.       | Knowledge of the main processes, tools, and techniques used to develop corrective action plans                             |
| 6. | Ability to utilize sources of information which can provide inputs to continual improvement                     | 5.       | Knowledge of the main concepts related to continual improvement  |
| 7. | Ability to implement continual improvement processes in an organization   | 6.       | Knowledge of the typical inputs to continual improvement activities  |
| 8. | Ability to determine the appropriate tools to support the continual improvement processes of an organization    | 7.<br>8. | Knowledge of the processes related to the continual monitoring of change factors Knowledge of the maintenance and          |
| 9. | Ability to establish mechanisms to document the improvements  | 9.       | improvement of an OH&S MS Knowledge of the typical approaches and mechanisms to documenting the improvements to an OH&S MS |



# Domain 7: Preparing for an OH&S MS certification audit

**Main objective:** Ensure that the candidate is able to prepare an organization for the certification against ISO 45001.

|    | Competencies  |    | Knowledge statements   |
|----|---|----|--|
| 1. | Ability to understand the main steps,                         | 1. | Knowledge of the evidence-based approach to  |
|    | processes, and activities related to the ISO                  |    | an audit   |
|    | 45001 certification audit                                     | 2. | Knowledge of the types of audit and their  |
| 2. | Ability to understand, explain, and illustrate the            |    | differences  |
|    | audit evidence approach in an OH&S MS audit                   | 3. | Knowledge of the differences between Stage 1   |
| 3. | Ability to counsel an organization to identify                |    | and Stage 2 audits   |
|    | and select a certification body that meets their expectations | 4. | Knowledge of the Stage 1 audit requirements, steps, and activities   |
| 4. | Ability to determine whether an organization is               | 5. | Knowledge of the documented information  |
|    | ready and prepared for the ISO 45001                          |    | review criteria  |
|    | certification audit   | 6. | Knowledge of the Stage 2 audit requirements,   |
| 5. | Ability to train and prepare an organization's                |    | steps, and activities  |
|    | personnel for the ISO 45001 certification audit               | 7. | Knowledge of the audit follow-up   |
| 6. | Ability to argue and challenge the audit                      |    | requirements, steps, and activities  |
|    | findings and conclusions with external                        | 8. | Knowledge of the surveillance audits and   |
|    | auditors  |    | recertification audit requirements, steps, and activities  |
|    |   | 9. | Knowledge of the requirements, guidelines, and best practices for developing action plans following an ISO 45001 certification audit |
|    |   |    | ionoming an ioo iooo i ocitinoation addit  |



Based on the above-mentioned domains and their relevance, the exam contains 80 multiple-choice questions, as summarized in the table below:

|                    |  |   |  |   | derstanding<br>onomy) required    |
|--------------------|--|---|--|---|-----------------------------------|
|                    |  | Number of<br>questions/points<br>per competency<br>domain | % of the exam<br>devoted/points<br>to/for each<br>competency<br>domain | Questions that<br>measure<br>comprehension,<br>application, and<br>analysis | Questions that measure evaluation |
|                    | Fundamental principles<br>and concepts of an<br>occupational health and<br>safety management<br>system (OH&S MS) | 10  | 12.5   | Х   |                                   |
|                    | Occupational health and safety management system (OH&S MS)   | 10  | 12.5   | X   |                                   |
| omains             | Planning the OH&S MS implementation  | 20  | 25   | Х   |                                   |
| Competency domains | Implementing an<br>OH&S MS   | 13  | 16.25  |   | x                                 |
| Сош                | Monitoring,<br>measurement, analysis<br>and evaluation of an<br>OH&S MS  | 9   | 11.25  |   | Х                                 |
|                    | Continual improvement<br>of an OH&S MS   | 8   | 10   |   | х                                 |
|                    | Preparing for an OH&S<br>MS certification audit  | 10  | 12.5   |   | Х                                 |
|                    | Total  | 80  | 100%   |   |                                   |
|                    |  | mber of questions per l                                   | 40   | 40  |                                   |
|                    | % of the   | exam devoted to each l                                    | 50%  | 50%   |                                   |

The passing score of the exam is 70%.

After successfully passing the exam, candidates will be able to apply for obtaining the "PECB Certified ISO 45001 Lead Implementer" credential.



# Taking the exam

#### General information about the exam

Candidates are required to arrive/be present at least 30 minutes before the exam starts.

Candidates who arrive late will not be given additional time to compensate for the late arrival and may not be allowed to sit for the exam.

Candidates are required to bring a valid identity card (a national ID card, driver's license, or passport) and show it to the invigilator.

If requested on the day of the exam (paper-based exams), additional time can be provided to candidates taking the exam in a non-native language, as follows:

- 10 additional minutes for Foundation exams
- 20 additional minutes for Manager exams
- 30 additional minutes for Lead exams

#### PECB exam format and type

- Paper-based: Exams are provided on paper, where candidates are not allowed to use anything but the
  exam paper and a pen. The use of electronic devices, such as laptops, tablets, or phones, is not allowed.
  The exam session is supervised by a PECB approved Invigilator at the location where the Partner has
  organized the training course.
- 2. Online: Exams are provided electronically via the PECB Exams application. The use of electronic devices, such as tablets and cell phones, is not allowed. The exam session is supervised remotely by a PECB Invigilator via the PECB Exams application and an external/integrated camera.

For more information about online exams, go to the PECB Online Exam Guide.

PECB exams are available in two types:

- 1. Essay-type question exam
- Multiple-choice question exam

This exam comprises multiple-choice questions: The multiple-choice exam can be used to evaluate candidates' understanding on both simple and complex concepts. It comprises both stand-alone and scenario-based questions. Stand-alone questions stand independently within the exam and are not context-depended, whereas scenario-based questions are context-dependent, i.e., they are developed based on a scenario which a candidate is asked to read and is expected to provide answers to five questions related to that scenario. When answering stand-alone and scenario-based questions, candidates will have to apply various concepts and principles explained during the training course, analyze problems, identify and evaluate alternatives, combine several concepts or ideas, etc.

Each multiple-choice question has three options, of which one is the correct response option (keyed response) and two incorrect response options (distractors).

# PECB

This is an open-book exam. The candidate is allowed to use the following reference materials:

- A hard copy of the ISO 45001 standard
- Training course materials (accessed through the PECB Exams app and/or printed)
- Any personal notes taken during the training course (accessed through the PECB Exams app and/or printed)
- A hard copy dictionary

A sample of exam guestions will be provided below.

**Note:** PECB will progressively transition to multiple-choice exams. They will also be open book and comprise scenario-based questions that will allow PECB to evaluate candidates' knowledge, abilities, and skills to use information in new situations (apply), draw connections among ideas (analyze), and justify a stand or decision (evaluate).

For specific information about exam types, languages available, and other details, please contact examination.team@pecb.com or go to the List of PECB Exams.



#### Sample exam questions

- 1. What is an incident?
  - A. Occurrence that results in injury
  - B. Occurrence arising out of, or in the course of, work that could or does result in injury and ill health
  - C. Effect of uncertainty on the health and safety of workers
- 2. With regard to the understanding of the context of an organization, which of the following is an example of an internal issue?
  - A. Culture of the organization
  - B. Trends relevant to the industry or sector
  - C. Introduction of new competitors, contractors, subcontractors, etc.
- 3. Which principle of effective communication states that the communication should be easily understood by all interested parties?
  - A. Responsiveness
  - B. Transparency
  - C. Clarity
- 4. According to ISO 45001, who is responsible for establishing OH&S policy?
  - A. HR manager
  - B. Top management
  - C. Person(s) in charge of OH&S MS implementation project
- 5. Which of the following are the three aspects to consider with regard to management of records
  - A. Access control, storage, usability
  - B. Identification, format media
  - C. Description, integrity, preservation



### **Exam Security Policy**

PECB is committed to protect the integrity of its exams and the overall examination process, and relies upon the ethical behavior of applicants, potential applicants, candidates and partners to maintain the confidentiality of PECB exams. This Policy aims to address unacceptable behavior and ensure fair treatment of all candidates.

Any disclosure of information about the content of PECB exams is a direct violation of this Policy and PECB's Code of Ethics. Consequently, candidates taking a PECB exam are required to sign an Exam Confidentiality and Non-Disclosure Agreement and must comply with the following:

- The questions and answers of the exam materials are the exclusive and confidential property of PECB.
   Once candidates complete the submission of the exam to PECB, they will no longer have any access to the original exam or a copy of it.
- 2. Candidates are prohibited from revealing any information regarding the questions and answers of the exam or discuss such details with any other candidate or person.
- Candidates are not allowed to take with themselves any materials related to the exam, out of the exam room.
- Candidates are not allowed to copy or attempt to make copies (whether written, photocopied, or otherwise) of any exam materials, including, without limitation, any questions, answers, or screen images.
- 5. Candidates must not participate nor promote fraudulent exam-taking activities, such as:
  - Looking at another candidate's exam material or answer sheet
  - · Giving or receiving any assistance from the invigilator, candidate, or anyone else
  - Using unauthorized reference guides, manuals, tools, etc., including using "brain dump" sites as they are not authorized by PECB

Once a candidate becomes aware or is already aware of the irregularities or violations of the points mentioned above, they are responsible for complying with those, otherwise if such irregularities were to happen, candidates will be reported directly to PECB or if they see such irregularities, they should immediately report to PECB.

Candidates are solely responsible for understanding and complying with PECB Exam Rules and Policies, Confidentiality and Non-Disclosure Agreement and Code of Ethics. Therefore, should a breach of one or more rules be identified, candidates will not receive any refunds. In addition, PECB has the right to deny the right to enter a PECB exam or to invite candidates for an exam retake if irregularities are identified during and after the grading process, depending on the severity of the case.

Any violation of the points mentioned above will cause PECB irreparable damage for which no monetary remedy can make up. Therefore, PECB can take the appropriate actions to remedy or prevent any unauthorized disclosure or misuse of exam materials, including obtaining an immediate injunction. PECB will take action against individuals that violate the rules and policies, including permanently banning them from pursuing PECB credentials and revoking any previous ones. PECB will also pursue legal action against individuals or organizations who infringe upon its copyrights, proprietary rights, and intellectual property.

# PECB

#### **Exam results**

Exam results will be communicated via email.

- The time span for the communication starts from the exam date and lasts three to eight weeks for essay type exams and two to four weeks for multiple-choice paper-based exams.
- For online multiple-choice exams, candidates receive their results instantly.

Candidates who successfully complete the exam will be able to apply for one of the credentials of the respective certification scheme.

For candidates who fail the exam, a list of the domains where they have performed poorly will be added to the email to help them prepare better for a retake.

Candidates that disagree with the results may request a re-evaluation by writing to <a href="mailto:examination.team@pecb.com">examination.team@pecb.com</a> within 30 days of receiving the results. Re-evaluation requests received after 30 days will not be processed. If candidates do not agree with the results of the reevaluation, they have 30 days from the date they received the reevaluated exam results to file a complaint through the <a href="mailto:PECB Ticketing System">PECB Ticketing System</a>. Any complaint received after 30 days will not be processed.

### **Exam Retake Policy**

There is no limit to the number of times a candidate can retake an exam. However, there are certain limitations in terms of the time span between exam retakes.

If a candidate does not pass the exam on the 1st attempt, they must wait 15 days after the initial date of the exam for the next attempt (1st retake).

**Note:** Candidates who have completed the training course with one of our partners, and failed the first exam attempt, are eligible to retake for free the exam within a 12-month period from the date the coupon code is received (the fee paid for the training course, includes a first exam attempt and one retake). Otherwise, retake fees apply.

For candidates that fail the exam retake, PECB recommends they attend a training course in order to be better prepared for the exam.

To arrange exam retakes, based on exam format, candidates that have completed a training course, must follow the steps below:

- 1. Online Exam: when scheduling the exam retake, use initial coupon code to waive the fee
- 2. Paper-Based Exam: candidates need to contact the PECB Partner/Distributor who has initially organized the session for exam retake arrangement (date, time, place, costs).

Candidates that have not completed a training course with a partner, but sat for the online exam directly with PECB, do not fall under this Policy. The process to schedule the exam retake is the same as for the initial exam.



# **SECTION III: CERTIFICATION PROCESS AND REQUIREMENTS**

# PECB ISO 45001 credentials

All PECB certifications have specific requirements regarding education and professional experience. To determine which credential is right for you, take into account your professional needs and analyze the criteria for the certifications.

The credentials in the PECB ISO 45001 scheme have the following requirements:

|   |                        | 3 1  |   |   |  |  |             |
|---|------------------------|--|---|---|--|--|-------------|
| Credential  | Education              | Exam   | Professional experience                     | MS project<br>experience  | Other requirements   |  |             |
| PECB Certified<br>ISO 45001<br>Provisional<br>Implementer |                        |  |   | None  | None   |  |             |
| PECB Certified<br>ISO 45001<br>Implementer                | At least               | PECB Certified ISO 45001 Lead Implementer exam or equivalent | ISO 45001<br>Lead<br>Implementer<br>exam or |   | Two years: One year of work experience in occupational health and safety management    | Project activities:<br>a total of 200<br>hours   | Cigning the |
| PECB Certified<br>ISO 45001<br>Lead Implementer           | secondary<br>education |  |   | Five years: Two years of work experience in occupational health and safety management | Project activities:<br>a total of 300<br>hours   | Signing the<br>PECB Code of<br>Ethics            |             |
| PECB Certified<br>ISO 45001 Senior<br>Lead Implementer    |                        |  |   |   | Ten years: Seven years of work experience in occupational health and safety management | Project activities:<br>a total of 1,000<br>hours |             |

To be considered valid, the implementation activities should follow best implementation and management practices and include the following:

- 1. Drafting OH&S MS implementation plans
- 2. Initiating OH&S MS implementation projects
- 3. Establishing policies, processes, and procedures
- 4. Setting objectives at relevant levels
- 5. Implementing the OH&S MS
- 6. Managing, monitoring, and maintaining the OH&S MS
- 7. Identifying and acting upon continual improvement opportunities



### **Applying for certification**

All candidates who successfully pass the exam (or an equivalent accepted by PECB) are entitled to apply for the PECB credential they were assessed for. Specific educational and professional requirements need to be fulfilled in order to obtain a PECB certification. Candidates are required to fill out the online certification application form (that can be accessed via their PECB account), including contact details of individuals who will be contacted to validate the candidates' professional experience. Candidates can submit their application in English, French, German, Spanish or Korean languages. They can choose to either pay online or be billed. For additional information, please contact <a href="mailto:certification.team@pecb.com">certification.team@pecb.com</a>.

The online certification application process is very simple and takes only a few minutes:

- Register your account
- Check your email for the confirmation link
- <u>Log in</u> to apply for certification

For more information on how to apply for certification, click here.

The Certification Department validates that the candidate fulfills all the certification requirements regarding the respective credential. The candidate will receive an email about the application status, including the certification decision.

Following the approval of the application by the Certification Department, the candidate will be able to download the certificate and claim the corresponding Digital Badge. For more information about downloading the certificate, click here, and for more information about claiming the Digital Badge, click here.

PECB provides support both in English and French.

## **Professional experience**

Candidates must provide complete and correct information regarding their professional experience, including job title(s), start and end date(s), job description(s), and more. Candidates are advised to summarize their previous or current assignments, providing sufficient details to describe the nature of the responsibilities for each job. More detailed information can be included in the résumé.

#### **Professional references**

For each application, two professional references are required. They must be from individuals who have worked with the candidate in a professional environment and can validate their occupational health and safety management experience, as well as their current and previous work history. Professional references of persons who fall under the candidate's supervision or are their relatives are not valid.

#### OH&S MS project experience

The candidate's OH&S MS project log will be checked to ensure that the candidate has the required number of implementation hours.

# PECB

# **Evaluation of certification applications**

The Certification Department will evaluate each application to validate the candidates' eligibility for certification or certificate program. A candidate whose application is being reviewed will be notified in writing and, if necessary, given a reasonable time frame to provide any additional documentation. If a candidate does not respond by the deadline or does not provide the required documentation within the given time frame, the Certification Department will validate the application based on the initial information provided, which may lead to the candidates' credential downgrade.



#### **SECTION IV: CERTIFICATION POLICIES**

#### **Denial of certification**

PECB can deny certification/certificate program if candidates:

- Falsify the application
- Violate the exam procedures
- Violate the PECB Code of Ethics

Candidates whose certification/certificate program has been denied can file a complaint through the complaints and appeals procedure. For more detailed information, refer to **Complaint and Appeal Policy** section.

The application payment for the certification/certificate program is nonrefundable.

### **Certification status options**

#### Active

Means that your certification is in good standing and valid, and it is being maintained by fulfilling the PECB requirements regarding the CPD and AMF.

#### Suspended

PECB can temporarily suspend candidates' certification if they fail to meet the requirements. Other reasons for suspending certification include:

- PECB receives excessive or serious complaints by interested parties (suspension will be applied until the investigation has been completed.)
- The logos of PECB or accreditation bodies are willfully misused.
- The candidate fails to correct the misuse of a certification mark within the determined time by PECB.
- The certified individual has voluntarily requested a suspension.
- PECB deems appropriate other conditions for suspension of certification.

#### Revoked

PECB can revoke (that is, to withdraw) the certification if the candidate fails to satisfy its requirements. In such cases, candidates are no longer allowed to represent themselves as PECB Certified Professionals. Additional reasons for revoking certification can be if the candidates:

- Violate the PECB Code of Ethics
- Misrepresent and provide false information of the scope of certification
- Break any other PECB rules
- Any other reasons that PECB deems appropriate

Candidates whose certification has been revoked can file a complaint through the complaints and appeals procedure. For more detailed information, refer to **Complaint and Appeal Policy** section.



#### Other statuses

Besides being active, suspended, or revoked, a certification can be voluntarily withdrawn or designated as Emeritus. To learn more about these statuses and the permanent cessation status, go to <a href="Certification Status">Certification Status</a> <a href="Options">Options</a>.

## Upgrade and downgrade of credentials

#### **Upgrade of credentials**

Professionals can upgrade their credentials as soon as they can demonstrate that they fulfill the requirements.

To apply for an upgrade, candidates need to log into their PECB account, visit the "My Certifications" tab, and click on "Upgrade." The upgrade application fee is \$100.

#### **Downgrade of credentials**

A PECB Certification can be downgraded to a lower credential due to the following reasons:

- The AMF has not been paid.
- The CPD hours have not been submitted.
- Insufficient CPD hours have been submitted.
- · Evidence on CPD hours has not been submitted upon request.

**Note:** PECB certified professionals who hold Lead certifications and fail to provide evidence of certification maintenance requirements will have their credentials downgraded. The holders of Master Certifications who fail to submit CPDs and pay AMFs will have their certifications revoked.

# Renewing the certification

PECB certifications are valid for three years. To maintain them, PECB certified professionals must meet the requirements related to the designated credential, e.g., they must fulfill the required number of continual professional development (CPD) hours. In addition, they need to pay the annual maintenance fee (\$120). For more information, go to the <a href="Certification Maintenance">Certification Maintenance</a> page on the PECB website.

## Closing a case

If candidates do not apply for certification within one year, their case will be closed. Even though the certification period expires, candidates have the right to reopen their case. However, PECB will no longer be responsible for any changes regarding the conditions, standards, policies, and candidate handbook that were applicable before the case was closed. A candidate requesting their case to reopen must do so in writing to <a href="mailto:certification.team@pecb.com">certification.team@pecb.com</a> and pay the required fee.

#### Complaint and Appeal Policy

Any complaints must be made no later than 30 days after receiving the certification decision. PECB will provide a written response to the candidate within 30 working days after receiving the complaint. If candidates do not find the response satisfactory, they have the right to file an appeal.

For more information about the Complaint and Appeal Policy, click here.



### **SECTION V: GENERAL POLICIES**

#### Exams and certifications from other accredited certification bodies

PECB accepts certifications and exams from other recognized accredited certification bodies. PECB will evaluate the requests through its equivalence process to decide whether the respective certification(s) or exam(s) can be accepted as equivalent to the respective PECB certification (e.g., ISO 45001 Lead Implementer certification).

# Non-discrimination and special accommodations

All candidate applications will be evaluated objectively, regardless of the candidates' age, gender, race, religion, nationality, or marital status.

To ensure equal opportunities for all qualified persons, PECB will make reasonable accommodations<sup>3</sup> for candidates, when appropriate. If candidates need special accommodations because of a disability or a specific physical condition, they should inform the partner/distributor in order for them to make proper arrangements<sup>4</sup>. Any information that candidates provide regarding their disability/special needs will be treated with confidentiality. To download the Candidates with Disabilities Form, click here.

### **Behavior Policy**

PECB aims to provide top-quality, consistent, and accessible services for the benefit of its external stakeholders: distributors, partners, trainers, invigilators, examiners, members of different committees and advisory boards, and clients (trainees, examinees, certified individuals, and certificate holders), as well as creating and maintaining a positive work environment which ensures safety and well-being of its staff, and holds the dignity, respect and human rights of its staff in high regard.

The purpose of this Policy is to ensure that PECB is managing unacceptable behavior of external stakeholders towards PECB staff in an impartial, confidential, fair, and timely manner. To read the Behavior Policy, click <a href="here">here</a>.

# **Refund Policy**

PECB will refund your payment, if the requirements of the Refund Policy are met. To read the Refund Policy, click <u>here</u>.

<sup>&</sup>lt;sup>3</sup> According to ADA, the term "reasonable accommodation" may include: (A) making existing facilities used by employees readily accessible to and usable by individuals with disabilities; and (B) job restructuring, part-time or modified work schedules, reassignment to a vacant position, acquisition or modification of equipment or devices, appropriate adjustment or modifications of examinations, training materials or policies, the provision of qualified readers or interpreters, and other similar accommodations for individuals with disabilities

<sup>&</sup>lt;sup>4</sup> ADA Amendments Act of 2008 (P.L. 110–325) Sec. 12189. Examinations and courses. [Section 309]: Any person that offers examinations or courses related to applications, licensing, certification, or credentialing for secondary or post-secondary education, professional, or trade purposes shall offer such examinations or courses in a place and manner accessible to persons with disabilities or offer alternative accessible arrangements for such individuals.

