



Candidate's Handbook

Six Sigma Green Belt



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About PECB

PECB is a certification body for persons, management systems, and products on a wide range of international standards. As a global provider of training, examination, audit, and certification services, PECB offers its expertise on multiple fields, including but not limited to Information Security, IT, Business Continuity, Service Management, Quality Management Systems, Risk & Management, Health, Safety, and Environment.

We help professionals and organizations to show commitment and competence with internationally recognized standards by providing this assurance through the education, evaluation and certification against rigorous, internationally recognized competence requirements. Our mission is to provide our clients comprehensive services that inspire trust, continual improvement, demonstrate recognition, and benefit society as a whole.

Our principal objectives and activities are:

1. Establishing the minimum requirements necessary to certify professionals, organizations and products.
2. Reviewing and verifying the qualifications of applicants for eligibility to be considered for the certification evaluation.
3. Developing and maintaining reliable, valid, and current certification examinations.
4. Granting certificates to qualified candidates, organizations and products, maintaining records, and publishing a directory of the holders of valid certificates.
5. Establishing requirements for the periodic renewal of certification and determining compliance with those requirements.
6. Ascertaining that our clients meet ethical standards in their professional practice.
7. Representing its members, where appropriate, in matters of common interest.
8. Promoting the benefits of certification to organizations, employers, public officials, practitioners in related fields, and the public.



Value of PECB certification

Why choose PECB as your preferred certification body?

Global recognition

Selecting the right organization to offer the finest qualitative training and to carry out your certification can be a great challenge. However, by choosing a certification body that is accredited, such as PECB, proves that we comply with the best practices. Professionals who pursue a PECB certification credential will benefit from recognition in domestic and overseas markets. Being accredited by some of the toughest and most reputable accreditation bodies in the world gives us global recognition.

Competent personnel

PECB is acknowledged by technically competent people it comprises that have relevant sector experience. All our personnel hold professional credentials and are constantly trained and monitored to ensure more than satisfactory outcomes for our clients.

Compliance to standard

It is essential for a certification to prove compliance to a particular standard, to ensure the fulfillment of principles and requirements, consistency and impartiality of certification and audit of management systems services. PECB accredited certifications are evidence of severe compliance with Standards and their conditions, therefore reflecting safety, reliability and superior quality.

Reasonable fees

Being able to afford the most professional and recognizable certification services nowadays may be a struggle. By including both examination and certification processes into the training course fee, not only does PECB hold the lowest charging rate of professional training certification services, it also concludes with providing the lowest certification maintenance fees in the industry. Why not benefit from the opportunity of attaining accredited professional certifications that are globally recognized, fully comply with standards, and most importantly you can essentially meet the expense for? PECB Certifications have proven to be effective instruments of confirmation for knowledge, skills and experience in a rapid changing community. By holding a PECB Certification, you will demonstrate that you have the necessary capabilities of shielding yourself and your organization against persistent, changing and undefined threats in a moderately challenging environment over a short period of time.



PECB Code of Ethics

PECB professionals will:

1. Conduct themselves professionally, with honesty, accuracy, fairness, responsibility and independence.
2. Act at all times solely in the best interest of their employer, their clients, the public, and the profession by acting in accordance with the professional standards and applicable techniques while performing professional services.
3. Maintain competency in their respective fields and strive to constantly improve their professional skills.
4. Offer only professional services for which they are qualified to perform, and adequately inform clients and consumers about the nature of proposed services, including any relevant concerns or risks.
5. Inform each employer or client of any business interests or affiliations which might influence their judgment or impair their fairness.
6. Treat in confidential and private manner information acquired during professional and business dealings of any present or former employer or client without its proper consent.
7. Comply with all laws and regulations of the jurisdictions where professional activities are conducted.
8. Respect the intellectual property and contributions of others.
9. Not intentionally communicate false or falsified information that may compromise the integrity of the evaluation process of a candidate for a professional designation.
10. Not act in any manner that could compromise the reputation of PECB or its certification programs for persons and will fully cooperate on the inquiry following a claimed infringement of this Code of Ethics.



Introduction

Six Sigma is a process improvement methodology that brings business improvement, quality performance and increase revenues by addressing business issues that may have existed for a long time. It has been developed by Motorola in the 1980s with the purpose of reducing errors, waste and increasing the quality and effectiveness in engineering and manufactures.

Six Sigma Green Belts are professionals that work in an organization through Six Sigma process improvement methodology. They usually operate under the supervision of the Black Belt and are trained constantly by them.

Six Sigma Green Belts are able to demonstrate a comprehensive knowledge of the Define, Measure, Analyze, Improve and Control – DMAIC model in accordance with the Six Sigma Black Belts. Additionally, DMAIC approach is the most common used model of Six Sigma for improving processes.

A Green Belt is responsible to use different tools and techniques for the improvement of processes in an organization. Generally, they will apply statistics into their project by creating different diagrams such as: Cause and Effect diagram, Pareto Chart, Histogram, etc.

Nowadays, companies are considering hiring qualified people for the improvement of their businesses. Thus, being a certified Six Sigma Green Belt will lead to better job opportunities and upgraded income. Additionally, learning Six Sigma methodology and being able to apply it toward your organization you as a certified employee will ensure the improvement of processes.

Implementing Six Sigma methodology can affect positively the improvement of business operation through the following: customer satisfaction, better partnerships, improved processes and customer loyalty.

Being aware that customer needs and the improvement of the processes are essential for all organizations within, the need for Certified Six Sigma Green Belt has enormously increased. Today's employers are not just seeking for six sigma professionals, but want proof that these professionals hold a predetermined set of knowledge and skills. Companies now place a high degree of importance on hiring, contracting with, and promoting practitioners to tackle today and tomorrow's market challenges.

It is important to understand that PECB certifications are not a license or simply a membership. It is peer recognition that an individual has demonstrated proficiency in, and comprehension of, a series of competencies. PECB certifications are awarded to candidates that can provide proof of experience and have passed a standardized exam in the certification area.

This document specifies the PECB Certified Six Sigma Green Belt certification schemes by which candidates may earn and maintain their credentials. It is very important that you read all the information contained in this booklet before completing and submitting your application. If questions arise after reading this application handbook, please contact the PECB international office at certification@pecb.com.

Eric Lachapelle
Chief Executive Officer

Faton Aliu
President and Chief Operating Officer



PECB certification process steps

Decide which certification is right for you

Each PECB certification has specific education and experience requirements. To determine which credential is right for you, verify all eligibility requirements for the different Six Sigma Belts certifications and your professional needs.

Prepare for the exam

All certification candidates are responsible for their own study and preparation for the examination. No specific set of courses or curriculum of study is required as part of the certification process. Likewise, the completion of a course or program of study will significantly enhance your chance of passing a PECB certification examination. To learn more about exams, competency domains and knowledge statements please go to: <https://pecb.com/examination>.

Apply and schedule the exam

Candidates shall contact one of our partners, who provide training courses and exam sessions worldwide. To find training provider in your region, check here https://pecb.com/partner/active_partners. Also, PECB training schedule is available here <https://pecb.com/events>.

Take the exam

Candidates will be required to arrive at least 30 minutes before the beginning of the certification exam. Candidates arriving late will not be given additional time to compensate for the late arrival and may be denied entry to the examination room. All candidates will need to present a valid identity card such as a national ID card or driver's license to the invigilator. The duration of the exam varies according to the type of examination taken (see description of the different exams for more details). Additional time can be provided to candidates taking the exam in a language different than their mother tongue, when requested by the candidates, on the exam day.

Exam type:

Multiple choice "closed book" exam, where the candidates are not authorized to use anything but the exam paper and a pen/pencil

PECB exams are available in English. For availability of the exam in a language other than English, please contact examination@pecb.com.

Receive your exam results

It takes 2 to 4 weeks for participants to receive their results. All results are sent via email. The examination results will not include the exact grade in numbers or percentage, only a mention of pass or fail. In the case of a failure, the results will be accompanied with the list of domains in which you had failed in order to provide guidance to prepare yourself to retake the exam. Candidates, who disagree with the exam results, may file a complaint by writing to examination@pecb.com.

Apply for certification

All participants who successfully pass their certification exam (or an equivalent accepted by PECB) are entitled to apply for the PECB credentials they were examined for. Specific educational and professional requirements may be needed for you to be PECB certified. Candidates will need to fill out online certification application form <http://pecb.com/user/register>, and fill out all the forms online (that can be accessed via their PECB online profile), including contact details of references who will be contacted to validate the candidates' professional experience. At the end before the submission, a candidate can choose to pay online or be billed. In case the candidate needs additional information, he/she should contact accounting@pecb.com and/or certification@pecb.com.



The validation of the application occurs as soon as the Certification Department estimates that you fulfil all the certification requirements regarding the credential you have applied for. In this occasion, an email will be sent to your email address which you provided during your application process. You will then be able to download your certificate from your member account.

Maintain your certification

The PECB certifications are valid for three years. To maintain the certification, the applicant shall demonstrate every year that he/she is still performing tasks that are related to the certification. Every year, PECB certified professionals will need to provide PECB with the number of hours of auditing and/or implementation related tasks they have performed with the contact details of individuals who can validate these tasks, as well as pay their yearly certification maintenance fees. A notification email is sent to our certified members, who are required to submit their Continuing Professional Development (CPD) along with the Annual Maintenance Fee (AMF) a month before the annual date of their certification. The PECB certified members will then be able to submit their CPDs by visiting their account, and next to their certificates, there will be a CPD link displayed which they need to click and provide the required information.



Six Sigma Green Belt

The PECB Certified Six Sigma Green Belt certifications are professional certifications for specialists needing to implement a Six Sigma methodology toward their organization through technical knowledge and skills of a Green Belt.

PECB Certified Six Sigma Green Belt specifies the best practices for each phase of the DMAIC methodology and the execution of a Six Sigma project through personalized labs and practical statistics. It also specifies the immediately usable decision tree and job aides. Additionally, Six Sigma Green Belt course specifies how the Motorola and General Electrics (GE) benefit from the Six Sigma methodology.

Various professions may apply for this certification:

- Managers or consultants involved with and committed to process improvements
- Individuals seeking to improve business, production or service processes
- Six Sigma project team leaders and/or team members
- Expert advisors seeking to master the implementation of Six Sigma projects

The requirements for “Six Sigma Green Belt” certifications are:

Credential	Exam	Professional experience	Process Improvement experience	Other requirements
PECB Certified Six Sigma Green Belt	PECB Certified Six Sigma Green Belt or equivalent	Five years: Two years of Process Improvement experience	Project activities totalling 300 hours	Signing the PECB code of ethics

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

1. Validating project selection and scope
2. Identifying stakeholders
3. Mapping processes with data
4. Validating measurement system
5. Validating root causes
6. Developing potential solutions
7. Validating improvements
8. Developing sustainability plan
9. Determining business impact
10. Validating sustainability



General information

Applying for certification

Candidates who apply for PECB certification will need to be prepared to provide the following:

- Two references, including their names and contact details.
- Their most recent CV.
- Their Six Sigma project log.

PECB will validate professional experience with your references to ensure the accuracy of all applications.

About application

Language

PECB provides support in English and French.

Application fees for certification

The application fee for certification is USD 500.

For all the candidates that have followed the training and the examination with one of the PECB's Partners, application fees include examination, application for certification and one year of Annual Maintenance Fee (AMF).

Examination Cancellations

Please contact your partner for any changes regarding examination date, time, location, or other details.

About examination

Admission rules to Examination

Each candidate must present valid photo identification to be admitted to the examination site and the exam confirmation letter. Candidates shall comply with all security rules established for testing. Candidates will be allowed no more than the specified time to complete their examination.

For more specific information about this exam, please contact examination@pecb.com to request a copy of the corresponding exam preparation guide, or download it from PECB's website.

Examination Security

A significant component of a successful and respected professional certification credential is maintaining the security and confidentiality of the examination. PECB relies upon the ethical behavior of certificate holders and applicants to maintain the security and confidentiality of PECB examinations. When someone who holds PECB credentials reveal information about PECB examination content, they violate the PECB Code of Ethics. PECB will take action against individuals who violate PECB Policies and the Code of Ethics. Actions taken may include permanently barring individuals from pursuing PECB credentials and revoking certifications from those who have been awarded the credential. PECB will also pursue legal action against individuals or organizations who infringe upon its copyrights, proprietary rights, and intellectual property.

Exam Tips

On the day of the exam:

1. Plan to arrive at the exam site at least 30 minutes prior to your appointment.
2. Get a good night's rest the night before.
3. Eat a well-balanced meal prior to reporting to the exam center. Avoid excessive stimulants such as caffeine.
4. Read and follow the instructions carefully. Ask the Proctor for clarification if you are not sure about the instructions.
5. Periodically check your progress. This will allow you to make any adjustments in time. Pay attention to the time you have left to finish the exam.
6. Only the questions you answer correctly are scored. There are no penalties for answering a question incorrectly, so answer as many questions as you can. If you are unsure of a response, eliminate as many options as possible, and choose an option from those that remain.

Examination Scores and Scoring Method

PECB grades all examinations fairly. There is no predetermined percentage of participants who fail and pass, so candidates do not compete against each other. Test scores are based on the number of items answered correctly.

Examination Results

Scores are strictly confidential and they cannot be obtained over the phone or sent to a third-party. If you have questions concerning your test results, you should direct them in writing to examination@pecb.com. The examination results will not include the exact grade that you had in numbers or percentage, only a mention of pass or fail. In the case of a failure, the results will be accompanied with the list of domains in which you had failed to pass in order to provide guidance to prepare yourself to retake the exam.

Exam retake policy

There is no limit on the number of times a candidate may retake an exam. However, there are some limitations in terms of allowed time-frame in between exam retakes, such as:

- If a candidate does not pass the exam on the first attempt, he/she must wait 15 days for the next attempt (1st retake). Retake fee applies.

Note: *Students, who have completed the full training but failed the written exam, are eligible to retake the exam once for free within a 12 month period from the initial date of the exam.*

- If a candidate does not pass the exam on the second attempt, he/she must wait 3 months (from the initial date of the exam) for the next attempt (2nd retake). Retake fee applies.
- If a candidate does not pass the exam on the third attempt, he/she must wait 6 months (from the initial date of the exam) for the next attempt (3rd retake). Retake fee applies.

After the fourth attempt, a waiting period of 12 months from the last session date is required, in order for candidate to sit again for the same exam. Regular fee applies.

For the candidates that fail the exam in the 2nd retake, PECB recommends to attend an official training in order to be better prepared for the exam.

To arrange exam retakes (date, time, place, costs), the candidate needs to contact the PECB partner who has initially organized the session.



Closing files

Closing a file is equivalent to rejecting a candidate's application. As a result, when candidates request that their file be reopened, PECB will no longer be bound by the conditions, standards, policies, candidate handbook or exam preparation guide that were in effect before their file was closed. Candidates who want to request that their file be reopened must do so in writing, and pay the required fees.

About certification

Professional references

Professional reference contacts shall be the individuals who have professionally worked with you and can validate your Six Sigma expertise, current and previous work history, as well as your job performance. You cannot use anyone as a reference who falls under your supervision, or who is a relative. The candidates shall provide two references for each certification application.

Professional experience

Complete information is required: including job title, commence and end dates, job description and more. Summarize each assignment, providing sufficient details to describe the nature of the responsibilities that you have had. The detailed information is advised to be included in the resume.

Project experience

The candidate's implementation log will be checked to ensure that the applicant has the required number of implementation-hours. This information can be detailed in your resume.

Evaluation of Certification Applications

Certification Department will evaluate each application with purpose to validate the candidate's eligibility to certification. A candidate whose application is being reviewed will be notified in writing office and given a reasonable timeframe to provide any additional documentation, if required. If a candidate does not respond by the deadline, or does not provide the required documentation within the given time frame, he/she may be declared ineligible.

Denial and Revocation of Certification

Certification will be denied or revoked for any of the following reasons:

- Falsification of application
- Violation of testing procedures
- Misrepresentation
- Failure to pass the examination

Denials or revocations of certification may be appealed to the Certification Board in writing.

The application payment for the certificate is not refundable.

This is due to the initiation of the procedures concerning the verification of the application, verification of the evidence submitted by the candidates, as well as the engagement of the relevant units in this process.

Annual Renewal Certification Fee

To maintain your credentials active, there is an annual renewal fee for each calendar year. Registrants who pay their annual renewal fee will appear online in the PECB Directory of Certified Professional.

Recertification

The PECB designations are valid for three years. To maintain his/her certification, the applicant must demonstrate every year that he/she is still performing tasks that are related to the certification. Three months before expiration date of the certification, the certified member will be informed via email that he/she can submit their final CPD information along with AMF and a renew link will be displayed on his/her dashboard, next to his/her specific certificate. To find out



more about Certification maintenance and re-certification process, please visit: <https://pecb.com/certification-maintenance>.

About PECB general policies

PECB Code of Ethics

The PECB Code of Ethics can be found at www.PECB.com. Adherence of professionals to PECB code of ethics is a voluntary engagement. However, if a member does not follow this code by engaging in gross misconduct, PECB membership may be terminated and certifications revoked. Not only is it important for PECB certified professionals to adhere to the principles expressed in this Code, each member should encourage and support adherence by other members.


Other exams and certifications

PECB has reviewed and validated the organizations below and certifications as equivalent in competency domains, difficulty and content coverage.

Planned equivalencies include only the following:

1. The applicant has successfully been certified to a certification that is considered to be equivalent. Whenever someone applied for such an equivalencies, the certification will have to be evaluated by PECB staff to determine if it is a valid equivalency or not. If it is deemed to be, the name of this certification will be added to PECB's documentation and website as a valid equivalent.
2. The applicant has successfully passed an examination that is considered to be equivalent. These may be PECB Certified Six Sigma Green Belt examinations provided by organizations certified by recognized accredited certification bodies

Non-discrimination and Special Accommodations

All candidate applications shall be evaluated objectively without regard to age, sex, race, religion, national origin, or marital status. PECB will allow for reasonable accommodations ⁽¹⁾ as required by the Americans with Disabilities Act (ADA) ⁽²⁾ or an equivalent National Law. A candidate who needs special accommodations must make the request in writing and allow an extra two weeks for processing of the application. Click here to download [Special Accommodations for Candidates with Disabilities Form](#) 

Complaints and appeals

Requests for an appeal must be made no later than 30 days after the applicant is denied certification. Within 30 days after the receipt of the written appeal, PECB must provide the applicant with a written response. You can read more about complaint and appeal procedure by visiting the following link: <https://pecb.com/complaint-and-appeal-procedure>.

(1) 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

(2) 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 postsecondary 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.

PECB

PECB

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PECB Help Center

Visit our [Help Center](#) to browse Frequently Asked Questions (FAQ), view manuals for using PECB website and applications, read documents related to PECB processes, or to contact us via Support Center's online tracking system. Visit Help Center here: www.pecb.com/help.

Emails:

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Certification: certification@pecb.com

Customer Care: customer@pecb.com

Website: www.pecb.com

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