



Pilz Training Courses

Terms and Conditions

PILZ
THE SPIRIT OF SAFETY

TERMS AND CONDITIONS

1. GENERAL SCOPE

These Terms and Conditions shall apply to the training courses identified in this document and delivered by Pilz Automation Safety Canada L.P. (hereby referred to as 'Pilz') to the training candidate (hereby referred to as 'Candidate'), a natural person that may or may not be assigned by a legal person (hereby referred to as 'Customer'), unless other terms and conditions have been otherwise incorporated into these Terms and Conditions in agreement with the Customer.

2. APPLICATION

Application for Pilz training courses is made by completing the corresponding training application form, which are available online on [Pilz](#) or [CMSE®](#) websites.

In case of error or omissions on the application, please contact Pilz (see contact information on the last page).

3. COURSE PRE-REQUISITES

Eligibility criteria are in place for each training course to ensure candidates understand the minimum knowledge and/or qualification and/or experience required to participate in the training.

Pre-requisites are found in the next subclauses of Section 3.

Pilz reserve the right to decline an application on failure to meet the eligibility criteria or if, in its judgment, a candidate may be unsuitable for training.

Pilz also reserve the right to exclude or suspend the attendance of a candidate from the training and/or examination for non-payment of fees, disruptive behaviour, or non-compliance with the applicable examination rules (when relevant).

3.1. Introduction to machinery safety

Training course aimed at project managers, engineers, maintenance personnel, purchasing personnel, Environmental, Health and Safety ('EHS') personnel, and other professionals that wish to acquire knowledge of the obligations to be met when putting a machine into service. This includes relevant legislation, standards, and a review of plant safety guidelines.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment (not mandatory for this level of training).

3.2. Fundamentals of machinery safety

Training course aimed at machine manufacturers, system integrators, design engineers, project managers, industrial safety officers, and other professionals responsible for machinery safety in day-to-day operations.

Pre-requisites: Candidates should possess a good understanding of the basic requirements of machine safety legislation or have completed the training "Introduction to Machinery Safety."

3.3. Risk-free machinery procurement

Training course aimed at engineering managers, maintenance supervisors, operations managers, EHS managers/officers, design engineers, system integrators, purchasing personnel, and other professionals involved in the commissioning of new or modified machines.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training "Introduction to Machinery Safety."

3.4. Risk assessment workshop

Training course aimed at machine designers, purchasing personnel, maintenance personnel, EHS managers/officers, engineering managers, project managers, and other professionals involved in workplace and machinery safety.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training “Introduction to Machinery Safety.”

3.5. LoTo: Lockout Tagout – Safety-related lockout and interlocking

Training course aimed at technical staff, in particular maintenance personnel, machine designers, electrical engineers, production managers, EHS managers/officers and other professionals involved in the control of hazardous energies.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training “Introduction to Machinery Safety.”

3.6. Basis of CE Marking

Training course aimed at Original Equipment Manufacturers (‘OEM’), machine designers, project managers, engineering managers, commissioning engineers, system integrators, EHS managers/officers, end users responsible for procurement of machinery, and personnel responsible for modification and maintenance of machinery/plant intended for use in the European Union (EU).

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training “Introduction to Machinery Safety.”

3.7. Introduction to Machinery Regulation

Training course aimed at machine manufacturers, exporters, system integrators, distributors, commissioning engineers, project managers, engineering managers, EHS managers, end users, and other professionals that need to be updated with the new Machinery Regulation (EU) 2023/1230.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training courses “Introduction to Machinery Safety” and/or “Basis of CE Marking.”

3.8. Electrical safety in industrial installations according to IEC 60204-1

Training course aimed at electrical engineers, machine designers, maintenance personnel, qualified electricians, and other professionals involved in ensuring safe conditions for electrical equipment of machinery.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training “Fundamentals of Machinery Safety.”

3.9. Functional safety in accordance with ISO 13849-1 and IEC 62061

Training course aimed at OEMs, end users, machine designers and planners involved in machine/plant engineering, as well as control and automation technology.

Pre-requisites: Candidates should possess a basic understanding of the process of risk assessment and need technical knowledge about the risk reduction process related to safety control systems or individuals that have completed the training “Fundamentals of Machinery Safety.”

3.10. Robot safety and integration

Training course aimed at robot cell manufacturers, robotic system integrators, maintenance personnel, engineering managers, project managers, plant engineers and EHS managers.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training course “Fundamentals of Machinery Safety.”

3.11. Safe requirements and integration of Automated Guided Vehicles ('AGV') and AGV systems ('AGVS')

Training course aimed at personnel responsible for ensuring AGV system compliance and safety, including OEMs, system integrators, and end users such as maintenance personnel, project managers, engineering managers, and EHS managers/officers.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training course “Fundamentals of Machinery Safety.”

3.12. Robot Operating System (ROS) application for Autonomous Mobile Vehicles (AMVs)

Training course aimed at OEM, system integrators, technical personnel responsible for developing mobile vehicle controls, commissioning engineers, project managers, technical instructors/trainers, and other professionals responsible for practical integration of new and existing AMVs in their day-to-day business.

Pre-requisites: Candidates should possess a basic understanding of safety within an industrial environment or have completed the training course “Fundamentals of Machinery Safety.”

3.13. PNOZmulti – Programming and service

Training course aimed at electricians, maintenance engineers, PLC programmers, electrical designers, commissioning engineers, as well as project managers.

Pre-requisites: Candidates must possess basic PC aptitudes and basic knowledge of electrical engineering, as well as providing their own computers installed with Pilz's PNOZmulti Configurator software.

3.14. Automation system PSS 4000 with PSSu PLC – Programming and service

Training course aimed at electricians, maintenance engineers, PLC programmers, electrical designers, commissioning engineers, as well as project managers.

Pre-requisites: Candidates must possess basic PC aptitudes and basic knowledge of electrical engineering, as well as providing their own computers installed with Pilz's PAS4000 software.

3.15. Visualisation with PASvisu – Programming

Training course aimed at electricians, maintenance engineers, PLC programmers, electrical designers, commissioning engineers, as well as project managers.

Pre-requisites: Candidates should possess basic knowledge of the configurable control system PNOZmulti or basic knowledge of the automation system PSS 4000.

3.16. CMSE® – Certified Machinery Safety Expert

This certified training course is aimed at professionals involved in machine specification, design, construction, safety, maintenance and/or upgrades, such as automation, electrical, mechanical engineers, machine designers, maintenance personnel, project managers, safety engineers as well as EHS managers.

Pre-requisites: Candidates need to prove at least 1 (one) year of practical experience in one or several areas relating to machinery safety, e.g., technology, safety-related design and construction, safety-related maintenance and repair, etc.

Candidates should possess formal qualifications in the areas of general science, engineering, technology, construction/design, or maintenance/repair of machinery from a technical college/university of which the training lasted 2 (two) or more years.

If no professional training or no degree of a technical college, or university of applied sciences is available, long-term professional experience can be recognized.

3.17. CECE – Certified Expert in CE Marking

This certified training course is aimed at anyone who performs CE Marking on machinery, deals with the conformity of new, existing, or updated machinery or is responsible for procurement of machinery, such as machine designers, project managers, EHS managers, production managers, and end users responsible for modification and maintenance of plant and machinery.

Pre-requisites: Candidates shall satisfy at least one of the following criteria to be eligible for the training:

- Recent attendance at a Pilz training course or other appropriate training on CE Marking, e.g., "Basis of CE Marking"; or
- Be qualified as a CMSE® – Certified Machinery Safety Expert, with a valid certificate.

3.18. CEFS – Certified Expert in Functional Safety

This certified training course is aimed at machine OEMs, design engineers, and system integrators with special responsibility in regard to safe control systems. CEFS is also aimed specifically at people who are daily responsible for machinery safety on new and existing machines, e.g., design engineers (electrical and fluid power technology), programmers of safe control systems, project managers, commissioning and test engineers responsible for validating machinery.

Pre-requisites: Candidates shall satisfy at least one of the following criteria to be eligible for the training:

- Prior knowledge and extensive recent experience of functional safety; or
- Recent attendance at a fundamental Pilz training course or other appropriate training, e.g., "Functional safety in accordance with ISO 13849 and IEC 62061"; or
- Qualified as a CMSE® – Certified Machinery Safety Expert, with a valid certificate.

3.19. CESA – Certified Expert for Security in Automation

This certified training course is aimed particularly at manufacturers, system integrators, and end users of industrial automation systems, as well as plant engineers, information security officers (ISO), and project managers.

Pre-requisites: Basic knowledge in the fields of network technology, Information Technology (IT) and/or Operational Technology (OT).

3.20. Recertification courses

As detailed in Section 9, every certified expert is required to attend a refresher seminar every 4 (four) years, with a period of grace of 1 (one) year, in order to retain certification status.

Pre-requisite: Candidates must possess a valid certificate (CMSE®, CECE, CEFS or CESA)

4. CONFIRMATION OF PARTICIPATION

Pilz shall contact Candidates within 5 (five) working days of application and either:

- Send written confirmation of reservation to Candidates who meet course pre-requisites defined in Section 3; or
- Discuss possible alternatives with Candidates who do not meet the eligibility criteria.

As the number of participants is limited, applications will be accepted on a 'first-come first-served' basis. For confirmation of a place in the training course, the Candidate/Customer shall either:

- Issue a Purchase Order ('P.O.') either to Pilz or to a Pilz Authorized Distributor; or
- Pay the training fee via Credit Card (VISA or Mastercard only, no American Express).

Course fees may be invoiced up to 6 (six) weeks prior to training start and are due immediately upon invoicing, unless differently agreed between the Candidate and Pilz on additional payment terms.

Training particulars (dates, venue, etc.) shall be confirmed at least 2 (two) weeks prior to training start.

By submitting the course application, Candidates tacitly agree to abide by these Terms and Conditions as well as the requirements stated in the respective application form.

5. TRAINING FEES

Training fees:

- may be subject to alteration and will be confirmed at the time of booking;
- entitle Candidate participation and documentation (either hard copy or soft copy in PDF format);
- do not include Candidate travel/accommodation expenses, or costs for accessing online sessions;
- are subject to Pilz's payment terms at the invoicing or payment stage.

6. SAFETY

Attendees shall observe all safety guidelines issued by Pilz on arrival to the training course. For training courses at customer site or at third party premises, the responsibility for safety lies entirely with the customer/third party. Any damage to materials or personal damage that may occur within the premises of the customer/third party is the at the liability of the customer/third party.

7. EXAMINATION

For expert training courses, participants must attend all training modules before sitting a multiple-choice examination. Rules of examination are given by TÜV NORD and must be adhered to by all participants. The examination shall be in the language in which the training was delivered.

Expert training examinations are 'open book,' i.e., the use of course handouts and personal notes is allowed during the examination.

Examination particulars for each training are as follows:

CMSE®

- Examination time: 60 minutes
- Number of questions: 40
- Minimum correct answers to pass: 32

CEFS, CECE and CESA

- Examination time: 40 minutes
- Number of questions: 25
- Minimum correct answers to pass: 20

Examination results shall be communicated by e-mail to each participant up to 3 (three) weeks after the date of examination. Results will not be provided over the phone. Participants that are unsuccessful in the examination will be advised of possible examination re-sit dates.

8. CERTIFICATION

For non-expert training courses, participants are required to attend all training modules in order to request Pilz's declaration of attendance, which is not to be considered a certification.

For expert training courses, participants who successfully complete the examination shall be issued with a TÜV NORD personal accreditation certificate valid for a period of 4 (four) years from the examination date.

9. RECERTIFICATION

Every 4 (four) years from the original certification expiry date, certified experts must attend a refresher training to retain their certification status.

There is a period of grace of 1 (one) year to attend the refresher training, i.e., a period immediately after certificate expiry date, during which certification is provisionally extended as a result of failing to meet the recertification deadline, provided that the certified expert attends the refresher training within the period of grace.

Refresher training consists of a review of changes in the legislation and standards related to machinery safety, along with the introduction of new machinery safety developments and technologies.

Failure to attend the refresher training within the period of grace shall result in the definitive expiration of the certificate, and loss of the expert title.

To retain certification, experts shall:

- inform Pilz of any changes of contact information;
- inform Pilz of any complaints raised against any participant, where such complaint is based on their status as certified;
- stay updated on the latest status of standards, policies, etc., in relation to the certification topic.

10. CANCELLATION

On request by the Customer, Candidates may be substituted before course start with no extra charge, but subject to application and eligibility requirements.

If the training course is oversubscribed or canceled by Pilz due to insufficient number of Candidates, participants will be advised 10 (ten) working days prior to course start. Every effort will be made to provide a suitable replacement booking.

Pilz reserve the right to alter or cancel dates or venues and the full fee will be refunded in these cases.

If the Customer/Candidate cancels attendance after receiving the confirmation, the following cancellation charges will be levied:

- Written cancellation provided 20 to 10 days prior to training start will incur a cancellation fee of 50% of the total fees
- Written cancellation provided less than 10 days prior to training start will incur a cancellation fee of 100% of the total fees

11. TERMINATION

Pilz may terminate the contract with the Customer/Candidate on following instances:

- a. All relevant fees have not been paid before training start;
- b. Participant has breached these Terms and Conditions or the terms in the respective Application Form;
- c. Participant acts in a way that is aggressive, abusive, or otherwise disruptive towards the trainer or other participants;
- d. Participant acts in a way that is likely to damage or bring the brand and name of Pilz into disrepute.

Any such termination shall not exclude or prejudice any accrued rights or claims by either party.

12. EXCLUSION OF LIABILITY

Pilz reserve the right to:

- cancel training courses without penalty in so far as the law permits, even after participation has been confirmed;
- change the venue and/or time, if necessary;
- adjust the content of any course to reflect any new developments that may occur.

Pilz will not be liable for any breaches in these Terms and Conditions caused by events or circumstances beyond its control such as (but not limited to) strikes, service outages, floods, earthquakes, volcanoes, pandemics and associated public health restrictions, terrorism, civil unrest, military action, sanctions, transport delays or failures.

Pilz will make all reasonable endeavours to provide accurate course content and materials. However, due to the continuously changing nature of the regulations and standards, Pilz shall have no liability whatsoever in contract, tort, including negligence, breach of statutory rights or otherwise, for any loss or damage suffered as a consequence of or due to information provided during the training.

Pilz, its parent company or affiliates make no warranties or representation either expressly or implied for the training material and Pilz accepts no responsibility whatsoever for errors or omissions in technical information that is provided either verbally or in writing during training or is contained in the documentation. Neither does Pilz accept responsibility for any consequential damage or loss or any loss or corruption to data.

In all circumstances Pilz's total liability shall be limited to the fees paid by the participant except for liabilities that cannot be limited by under the relevant governing law of these Terms and Conditions.

13. PRIVACY/DATA PROTECTION

All personal data received in relation to certified training will be processed in accordance with relevant data protection law including, where applicable, European General Data Protection Regulations (GDPR) or other local General Data Protection Regulation.

For access to Pilz's General Data Protection Policy, please [click here](#).

14. GOVERNING LAW AND JURISDICTION

These Terms and Conditions are governed by the laws of the Province of Ontario and the Federal laws of Canada applicable therein. For the purpose of all legal proceedings, this Agreement will be deemed to have been made and performed in the Province of Ontario and the courts of the Province of Ontario will have exclusive jurisdiction to entertain any action arising under this Agreement.

15. INTELLECTUAL PROPERTY

Training materials provided to participants are intellectual property of Pilz GmbH & Co. KG.

All course material is confidential and can only be used, shared, communicated, and disclosed for the training purposes for which they were intended.

By accepting these Terms and Conditions, participants agree not to make any audio, video, or other form of recording of the training proceedings.

Training materials shall not be duplicated, adapted, forwarded, utilized, reverse-engineered, decompiled, or made available to third parties in any form or media without the express written permission of Pilz or for unauthorized purposes. Pilz® and CMSE® officially registered trademarks, trade name, design or logos must not be used without prior permission of Pilz. Such infringements entitle Pilz to seek compensation.

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PILZ
THE SPIRIT OF SAFETY

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