



Country report :

Poland  
Krajowy

28 September 2024

## Questionnaire to estimate the level (%) of the Safety of Users of Electricity in Dwellings in Countries

The Electrical Safety Barometer consists of 13 essential criteria. Each of these criteria has a weighting factor to enable the calculation of a general score for each country. Both FISUEL and world experts endorse these criteria and the weighting factors. With the assistance of local experts, we are applying the barometer in an increasing number of countries.

Explanation of the 13 major criteria go to --&gt;

<https://www.safetybarometer.org/criteria/>

Enter a number of the following criteria (1, 2, 3 or 4) in the yellow cells "column criteria"

4 = **Fulfilled Criteria** : existing criteria in your country (score 100%)  
 3 = **Partially fulfilled Criteria** : part of the criteria existing in your country (score 50%)  
 2 = **Not met Criteria** : criteria known but unapplied (score 10%)  
 1 = **Unknown Criteria** : criteria inexistent (score 0%)

Number of criteria	4 - Fulfilled	3 - Partially	2 - Unapplied	1 - Unknown	Level of Electrical Safety in Dwellings
	9	3	0	1	80%

Criteria	Question	Weight	Criteria	Score
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Standards & rules	Are standards and rules in place?	10	4	10%
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Comments : Yes, regulations (laws and regulations) and technical standards apply.

Initial verification	Is an initial inspection required?	10	1	0%
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Comments : Yes/No - The design of an electrical installation can only be carried out by a person holding a building license to design in electrical specialty issued by the Polish Chamber of Civil Engineers (PIIB) - after meeting the following criteria: degree in the electrical engineering, professional experience in designing (min 1year), passing an exam organized by PIIB. In the case of complex installations, the design must be verified by a person who holds at least the same building license do design. Before the installation is put into service, acceptance/performance measurements must be carried out and an appropriate performance report (incl. results of measurements) must be issued, without which the electricity supplier will not connect the facility to the power grid. In the case of a new facility put into service, it is subject to inspection by: Construction Supervision Authority, State Fire Service, and Sanitary Inspectorate.

Periodic inspection	Is a periodic inspection required?	7,5	4	8%
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Comments :

Art. 62.1 of the Act of 7 July 1994, the Construction Law, states that: construction works should be subjected to periodic inspections by the owner or manager, which must take place at least once every 5 years and consist of verifying the technical condition of the entire construction work, as well as the aesthetics of the building and its surroundings. The inspection should also include testing the electrical installation, including the condition of connections, accessories, safeguards and protection against electric shocks, as well as the resistance of the insulation of wires and grounding of installations and devices.

The obligation to carry out periodic inspections of electrical installations rests with the owner or manager of a given construction work. Such inspections also cover farm and summer buildings, as well as all the buildings listed in Art. 29 of the Construction Law.

The frequency with which inspections of electrical installations should be carried out depends on many factors, such as the age of the specific installation, the exposure of the electrical installation to external factors, the purpose of the building or the results of the last inspection.

Inspection report	Must there be proof of the inspection by the delivery of an inspection report?	5	4	5%
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Comments : Yes

Inspection for existing installations	Is there a mechanism for inspection of existing installations?	10	3	5%
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Comments : Yes. This results from the Construction Law and the powers of supervision units (Building Supervision Authority, Office of Technical Inspection)

Inspector	Must the person carrying out the inspection be a qualified inspector?	7,5	4	8%
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comments : Yes. The inspection may only be carried out by an authorized specialist who has a certificate of his/her qualifications regarding the supervision and operation of devices and installations of various power (training + exam), regulated by the Regulation of the Minister of Climate and Environment of July 1, 2022 on detailed rules for determining the possession of qualifications by persons involved in the operation of devices, installations and networks. A certificate of qualification is required for types of work and positions in the scope of:

- 1) @operation - which includes positions of persons performing work related to service, maintenance, renovation, repair, assembly or disassembly and control and measurement activities;
- 2) @supervision - which includes positions of persons managing the activities of persons performing the work specified in point 1 or positions of persons supervising the operation of devices, installations and networks.

Electrical contractor or installer	Must the electrical contractor or installer be a qualified person?	5	4	5%
Comments : Yes, necessary qualifications are needed (see comment to previous question)				
Role of utilities	Does the electric utility only connect the installation after having received a positive inspection report?	10	4	10%
Comments :				
Consumer education	Are consumers educated on the dangers of electricity?	5	3	3%
comments : Yes, but not intensively, e.g. social campaigns				
Regulation	Is regulation in place that imposes standards for electrical installations and initial verification?	5	3	3%
Comments : Standards exist. There is no concept of initial verification, installations are either accepted or not (giving comments), after repairing the faults, a second acceptance can be carried out.				
Labelling and certification	Are products in the market adequately labeled for electrical safety, and is this labeling system understood?	5	4	5%
Comments : Yes, Poland has the same system as other EU countries.				
Role of manufacturers	Do manufacturers actively engage for electrical safety in the marketplace?	5	4	5%
Comments : Yes, e.g. they organize free training on their products and cooperate with trade organizations.				
Market surveillance	Is there adequate action on market surveillance from the authorities?	15	4	15%
Comments : yes				

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	critères	Poland
1	Standards & rules	4
2	Initial verification	1
3	Periodic inspectic	4
4	Inspection report	4
5	Inspection for exi	3
6	Inspector	4
7	Electrical contrac	4
8	Role of utilities	4
9	Consumer educat	3
10	Regulation	3
11	Labelling and cert	4
12	Role of manufact	4
13	Market surveillan	4

