



Country report

Spain

**October 2024
AFME**

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 -->

<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

7

3

1

2

66%

Criteria

Question

Weight

Criteria

Score

1- Standards & rules

Are standards and rules in place?

10

4

10%

Comments : In Spain electrical installations have to comply with the wiring regulations defined in the Royal Decree 842/2002 (also known as REBT).

2- Initial verification

Is an initial inspection required?

10

4

10%

Comments : The REBT defines the types of installations that are subject to initial and periodic inspection by a third party, in addition to the initial verification (carried out by the installer), mandatory for all installations.

3- Periodic inspection

Is a periodic inspection required?

7,5

1

0%

Comments : No periodic inspection is required in dwellings

4- Inspection report

Must there be proof of the inspection by the delivery of an inspection report?

5

2

1%

Comments : After each inspection, a report has to be issued. However, we mark this answer as 4 since there is no periodic inspection in dwellings

5- Inspection for existing installations

Is there a mechanism for inspection of existing installations?

10

1

0%

Comments : No, in Spain there is no mechanism for inspecting existing installations of dwellings

6- Inspector

Must the person carrying out the inspection be a qualified inspector?

7,5

4

8%

comments :

7- Electrical contractor or installer	Must the electrical contractor or installer be a qualified person?	5	4	5%
Comments :				
8- Role of utilities	Does the electric utility only connect the installation after having received a positive inspection report?	10	4	10%
Comments : Yes, but only in those installations subject to initial inspection by an independent inspection body (this excludes dwellings)				
9- Consumer education	Are consumers educated on the dangers of electricity?	5	3	3%
comments :				
10- Regulation	Is regulation in place that imposes standards for electrical installations and initial verification?	5	4	5%
Comments : Yes, the above mentioned REBT				
11- Labelling and certification	Are products in the market adequately labeled for electrical safety, and is this labeling system understood?	5	3	3%
Comments :				
12- Role of manufacturers	Do manufacturers actively engage for electrical safety in the marketplace?	5	4	5%
Comments :				
13- Market surveillance	Is there adequate action on market surveillance from the authorities?	15	3	8%
Comments :				

Classification	Criteria	14	Europe
			Spain
1	1- Standards & rules		4
2	2- Initial verification		4
3	3- Periodic inspection		1
4	4- Inspection report		2
5	5- Inspection for existing installations		1
6	6- Inspector		4
7	7- Electrical contractor or installer		4
8	8- Role of utilities		4
9	9- Consumer education		3
10	10- Regulation		4
11	11- Labelling and certification		3
12	12- Role of manufacturers		4
13	13- Market surveillance		3

