



Country report

UK

Februaru 2024
Ei Electronics/AICO

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
	13	0	0	0		100%

Criteria	Question	Weight	Criteria	Score
1- Standards & rules	Are standards and rules in place?	10	4	10%
Comments : The IET Wiring Regulations (BS 7671) / The Electricity Safety, Quality, and Continuity Regulations 2002				
2- Initial verification	Is an initial inspection required?	10	4	10%
Comments : Electrical Installation Condition Report (EICR) / Part P of the Building Regulations / Competent Person Scheme				
3- Periodic inspection	Is a periodic inspection required?	7,5	4	8%
Comments : EICR - Frequency of period inspections depends on type of installation and its use / BS 7671 wiring regs				
4- Inspection report	Must there be proof of the inspection by the delivery of an inspection report?	5	4	5%
Comments : EICR - legal requirement for certain types of premises				
5- Inspection for existing installations	Is there a mechanism for inspection of existing installations?	10	4	10%
Comments : Typically conducted through an EICR				
6- Inspector	Must the person carrying out the inspection be a qualified inspector?	7,5	4	8%

comments : must be a qualified and competent electrician or electrical contractor

7- Electrical contractor or installer	Must the electrical contractor or installer be a qualified person?	5	4	5%
Comments : must be a qualified and competent electrician or electrical contractor				
8- Role of utilities	Does the electric utility only connect the installation after having received a positive inspection report?	10	4	10%
Comments : EICR / common to require evidence of compliance with electrical safety standard before allowing connection				
9- Consumer education	Are consumers educated on the dangers of electricity?	5	4	5%
comments : gov bodies / charities / industry associations work to educate consumers				
10- Regulation	Is regulation in place that imposes standards for electrical installations and initial verification?	5	4	5%
Comments : IET Wiring Regulations - BS 7671 / EICR or MEIWC cert provided				
11- Labelling and certification	Are products in the market adequately labeled for electrical safety, and is this labeling system understood?	5	4	5%
Comments : Electrical Equipment (Safety) Regulations 2016 / Office for Product Safety and Standards (OPSS) / CE marking				
12- Role of manufacturers	Do manufacturers actively engage for electrical safety in the marketplace?	5	4	5%
Comments : Yes.				
13- Market surveillance	Is there adequate action on market surveillance from the authorities?	15	4	15%
Comments : Yes. Office for Product Safety and Standards (OPSS) / Trading Standards				

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

