



Country report

China

Fisuel
February 2025

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 inexisting (score 0%)

Number of criteria	4 - Fulfilled	3 - Partially	2 - Unapplied	1 - Unknown	Level of Electrical Safety in Dwellings
	7	1	0	5	65%

Criteria	Question	Weight	Criteria	Score
1- Standards & rules	Are standards and rules in place?	10	4	10%
Comments : GB55024, JGJ242				
2- Initial verification	Is an initial inspection required?	10	4	10%
Comments : GB50303				
3- Periodic inspection	Is a periodic inspection required?	7,5	4	8%
Comments : GB55024, GB/T13955, T/ ASC33				
4- Inspection report	Must there be proof of the inspection by the delivery of an inspection report?	5	1	0%
Comments : XXX				
5- Inspection for existing installations	Is there a mechanism for inspection of existing installations?	10	3	5%
Comments : XXX				
6- Inspector	Must the person carrying out the inspection be a qualified inspector?	7,5	4	8%
Comments : XXX				

7- Electrical contractor or installer	Must the electrical contractor or installer be a qualified person?	5	4	5%
Comments : XXX				
8- Role of utilities	Does the electric utility only connect the installation after having received a positive inspection report?	10	1	0%
Comments : XXX				
9- Consumer education	Are consumers educated on the dangers of electricity?	5	1	0%
Comments : XXX				
10- Regulation	Is regulation in place that imposes standards for electrical installations and initial verification?	5	4	5%
Comments : XXX				
11- Labelling and certification	Are products in the market adequately labeled for electrical safety, and is this labeling system understood?	5	1	0%
Comments : XXX				
12- Role of manufacturers	Do manufacturers actively engage for electrical safety in the marketplace?	5	1	0%
Comments : XXX				
13- Market surveillance	Is there adequate action on market surveillance from the authorities?	15	4	15%
Comments : GB50303				

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

