

		Country report		Turkiye		30.09.2025 - ETMD	
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 criteria go to -->				https://www.safetybarometer.org/criteria/			
Enter one number (4, 3, 2 or 1) to each criteria in the yellow cases							
4 if the Criteria is Fulfilled : existing criteria in your country (score 100%) 3 if the Criteria is Partially fulfilled : part of the criteria existing in your country (score 50%) 2 if the Criteria is Unapplied : criteria known but unapplied (score 10%) 1 if the Criteria Unknown : criteria inexistent (score 0%)							
Number per criteria	Fulfilled	Partially	Unapplied	Unknown		Level of Electrical Safety in Dwellings	
	3	6	3	1		48%	
Criteria		Question			Weight	Number	Score
1- Standards & rules		Are standards and rules in place?			10	3	5%
Comments : In our country, standards are published by the Turkish Standards Institute (TSE) in accordance with CEN/CENELEC membership and in compliance with EN, IEC, and ISO standards. However, application regulations are not updated in a timely manner in accordance with the standards, and difficulties are encountered in adapting new technologies and safety criteria. For example, cable cross-sections, RCD selection, and grounding calculations.							
2- Initial verification		Is an initial inspection required?			10	3	5%
Comments : Following the 1999 earthquake, under the Building Inspection Law No. 4708, the initial verification and approval of all buildings is carried out by building inspection organizations, municipalities, and other relevant authorities as applicable. However, in practice, differences have been observed between the project and the application verification by electricity distribution companies.							
3- Periodic inspection		Is a periodic inspection required?			7,5	2	1%
Comments : Periodic inspections are mandatory in all buildings in accordance with the Regulation on Fire Protection of Buildings. In industrial facilities, periodic inspections are mandatory for a period not exceeding one year in accordance with the Occupational Safety Legislation issued in compliance with EU laws. As of September 1, 2025, common formats have been adopted by the Ministry of Labor for equivalence purposes.							
4- Inspection report		Must there be proof of the inspection by the delivery of an inspection report?			5	3	3%
Comments : Yes, it is mandatory. At industrial zone, As of September 1, 2025, common formats have been adopted by the Ministry of Labor for equivalence purposes. But for residential places, periodic inspection is not in place							
5- Inspection for existing installations		Is there a mechanism for inspection of existing installations?			10	2	1%
Comments : At industrial zone, As of September 1, 2025, common criterias have been adopted by the Ministry of Labor for equivalence purposes							
6- Inspector		Must the person carrying out the inspection be a qualified inspector?			7,5	2	1%
comments : At industrial zone, qualified inspector registration number and registered training have been adopted by the Ministry of Labor for equivalence purposes							
7- Electrical contractor or installer		Must the electrical contractor or installer be a qualified person?			5	3	3%
Comments : In low-voltage installations, according to the Electrical Installations Regulation, electrical installers must register with the relevant authority and the electricity distribution company and update their registration annually. For engineers, a registered engineering certificate (SMM) is also required for this registration.							
8- Role of utilities		Does the electric utility only connect the installation after having received a positive inspection report?			10	4	10%
Comments : Yes, the relevant electricity distribution company and, in industrial areas, the OSB management approves the supply of energy to the facility after receiving approval from the relevant building inspection organization or authorized electrical engineer.							

9- Consumer education	Are consumers educated on the dangers of electricity?	5	1	0%
Comments : We cannot say that consumers are fully equipped in this regard, but we can say that awareness has increased following electrical accidents and electrical fires in our country.				
10- Regulation	Is regulation in place that imposes standards for electrical installations and initial verification?	5	3	3%
Comments : Yes, the Electrical Installations Regulation and the Electrical Installations Project Preparation Regulation are in force in this regard.				
11- Labelling and certification	Are products in the market adequately labeled for electrical safety, and is this labeling system understood?	5	4	5%
Comments : All electrical equipment placed on the market in Turkey must bear the CE mark under the LVD and be placed on the market with a self-declaration. According to the Product Safety and Technical Regulations Law No. 7223, which is in force in accordance with EU legislation, non-compliant products are subject to market surveillance, and non-compliant products are recalled and destroyed by the ministry. Products with proper labeling are occasionally seen in the field.				
12- Role of manufacturers	Do manufacturers actively engage for electrical safety in the marketplace?	5	4	5%
Comments : Manufacturers also actively comply with electrical safety regulations because they produce products for the EU market.				
13- Market surveillance	Is there adequate action on market surveillance from the authorities?	15	3	8%
Comments : All electrical equipment placed on the market in Turkey must bear the CE mark under the LVD and be placed on the market with a self-declaration. According to the Product Safety and Technical Regulations Law No. 7223, which is in force in accordance with EU legislation				

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

