

**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 | <b>4 - Fulfilled</b> | <b>3 - Partially</b> | <b>2 - Unapplied</b> | <b>1 - Unknown</b> |  | <b>Level of Electrical Safety in Dwellings</b> |
|                    | 7                    | 4                    | 2                    | 0                  |  | 74%  |

| Criteria                              | Question   | Weight | Criteria | Score |
|---------------------------------------|--|--------|----------|-------|
| Standards & rules                     | Are standards and rules in place?  | 10     | 4        | 10%   |
| Comments :                            |  |        |          |       |
| Initial verification                  | Is an initial inspection required?   | 10     | 4        | 10%   |
| Comments :                            |  |        |          |       |
| Periodic inspection                   | Is a periodic inspection required?   | 7,5    | 2        | 1%    |
| Comments :                            |  |        |          |       |
| Inspection report                     | Must there be proof of the inspection by the delivery of an inspection report?                               | 5      | 4        | 5%    |
| Comments :                            |  |        |          |       |
| Inspection for existing installations | Is there a mechanism for inspection of existing installations?   | 10     | 4        | 10%   |
| Comments :                            |  |        |          |       |
| Inspector                             | Must the person carrying out the inspection be a qualified inspector?  | 7,5    | 4        | 8%    |
| comments :                            |  |        |          |       |
| Electrical contractor or installer    | Must the electrical contractor or installer be a qualified person?   | 5      | 2        | 1%    |
| Comments :                            |  |        |          |       |
| 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 :                            |  |        |          |       |
| Regulation                            | Is regulation in place that imposes standards for electrical installations and initial verification?         | 5      | 4        | 5%    |
| Comments :                            |  |        |          |       |
| Labelling and certification           | Are products in the market adequately labeled for electrical safety, and is this labeling system understood? | 5      | 3        | 3%    |
| Comments :                            |  |        |          |       |
| Role of manufacturers                 | Do manufacturers actively engage for electrical safety in the marketplace?                                   | 5      | 3        | 3%    |
| Comments :                            |  |        |          |       |
| Market surveillance                   | Is there adequate action on market surveillance from the authorities?  | 15     | 3        | 8%    |
| Comments :                            |  |        |          |       |

|    | critères           | Cote d'Ivoire |
|----|--------------------|---------------|
| 1  | Standards & ru     | 4             |
| 2  | Initial verificati | 4             |
| 3  | Periodic inspec    | 2             |
| 4  | Inspection repc    | 4             |
| 5  | Inspection for e   | 4             |
| 6  | Inspector          | 4             |
| 7  | Electrical contr   | 2             |
| 8  | Role of utilities  | 4             |
| 9  | Consumer educ      | 3             |
| 10 | Regulation         | 4             |
| 11 | Labelling and cr   | 3             |
| 12 | Role of manufa     | 3             |
| 13 | Market surveill    | 3             |

