

# PRODUCT SAFETY COMPARED

Comparing the safety of products that are self-declared versus third party certified

## THE IFIA - CEOC MARKET STUDIES<sup>1</sup>

### The Idea



Testing **self-declared** and **third party certified** products purchased on the open market and comparing their compliance with relevant rules and regulations.

### Results

Third party certified product compliance

**< 1% dangerous faults**

Non-compliance of 3rd party certified goods can occur when manufacturing procedures are changed without 3rd party involvement. Regular audits help to reduce these occurrences. Non-compliant products are immediately reported to the certifier and manufacturer.

### The Products



HAIR DRYERS  
AND CURLERS



ELECTRIC FANS



SMALL POWER TOOLS



TOASTERS AND GRILLS



LUMINAIRES



ROOM HEATERS



BATTERIES



IRONS



BATTERY CHARGERS  
AND ADAPTERS

Self-declared product compliance

**16% dangerous faults**

Product defects that can cause permanent injury, generate fires or severe electric shock.

## REAL DATA IMPACTING SAFETY & MARKET FAIRNESS

**92%**



of drones tested were  
not in compliance<sup>2</sup>

### PROSAFE Joint Actions

**78%**

of lighting chains  
not in compliance<sup>4</sup>

**64%**

of sunbeds with  
too high radiation<sup>5</sup>

**63%**

of bicycle helmets  
not in compliance<sup>6</sup>

**0.3%** of products entering the EU are  
inspected by market surveillance authorities<sup>3</sup>

**69%** of products tested were  
not in compliance with the R&TTE  
directive<sup>7</sup>



**87%**

of tablet PCs sourced from the market  
in Germany and The Netherlands  
were not in compliance<sup>8</sup>



Certification first-time  
submittal rejection rate  
for not meeting safety  
requirements<sup>9</sup>



Number of house fires caused in the years  
2011-2014 in the UK due to faulty home  
products<sup>10</sup>

**CEOC**  
INTERNATIONAL

INTERNATIONAL FEDERATION OF INSPECTION  
AND CERTIFICATION ORGANISATIONS

1 see ifia-federation.org or ceoc.com

2 Report on the 7th joint cross-border R&TTE (Radio and Telecommunication Terminal Equipment) market surveillance campaign (17.10.2015)

3 The Parliament Magazine, 17.03.2014

4 Lighting Chains Cross Border Action [http://ec.europa.eu/danmark/documents/alle\\_emner/okonomisk/091203\\_lightings\\_report\\_en.pdf](http://ec.europa.eu/danmark/documents/alle_emner/okonomisk/091203_lightings_report_en.pdf)

5 PROSAFE JA 2011 [http://www.prosafe.org/images/Documents/JA2009/SunBeds2\\_Final\\_report\\_20130304-published.pdf](http://www.prosafe.org/images/Documents/JA2009/SunBeds2_Final_report_20130304-published.pdf)

6 PROSAFE JA 2009 [http://www.prosafe.org/images/Documents/JA2009/Helmets\\_Final\\_Report-version20130304-published.pdf](http://www.prosafe.org/images/Documents/JA2009/Helmets_Final_Report-version20130304-published.pdf)

7 ADCO R&TTE, June 2015 report of 2014 market survey

8 Data from Bundesnetzagentur, Germany, and Radiocommunications Agency, the Netherlands joint action

9 IFIA CIPC study - [www.ifa-federation.org](http://www.ifa-federation.org)

10 Which?, Electrical Safety First, The Sunday Times, 14.08.15

**IFIA**  
International Federation  
of Inspection Agencies