

EEPLIANT - Energy Efficiency Compliant Products 2014

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www.eepliant.eu

1) EEPLIANT project summary

The EEPLIANT project was designed to help deliver the intended economic and environment benefits of the Energy Labelling and Ecodesign Directives by increasing the rates of product compliance with them.

The EEPLIANT project team, consisting of 13 Market Surveillance Authorities from across the EU, organises coordinated **monitoring, verification and enforcement** activities, including product testing of **LED lamps, printers and heaters**.

In addition to the product testing activities, the project also ensures an inspection of the products' technical documentation, defines market surveillance best practices and establishes these among the participating market surveillance authorities. Best practice information is shared with the other national and regional authorities within the EU, as will the results of this project. Communication and awareness activities targeting professional stakeholders, civil society, governments, etc. are undertaken on a regular basis.

More about the project:



www.eepliant.eu and
www.twitter.com/eepliant

2) Key activities

Within the 2015 - 2017 period, the EEPLIANT project focuses on the energy label and ecodesign compliance verification of the following product groups:

- **LED lamps:** document inspection and full scale testing of LED lamps
- **Imaging equipment:** product testing of the imaging equipment covered by the industry's Voluntary Agreement within the Ecodesign Directive
- **Space heaters and combination heaters:** document inspection and product testing of space and combination heaters under 400 kW

Each of the product categories selected by the project has the following set of activities undertaken throughout the project:

- **Document inspection** - verification of the technical documentation which the suppliers have to make available to authorities upon their request - relevant for LED and boiler testing, the imaging equipment is regulated by the Energy Star requirements;
- **Screen testing** - undertaking of preliminary tests to identify and assess the likelihood that a certain model would fail full compliance testing;
- **Coordinated compliance testing** - full scale testing of a selected number of models, in part preselected from the range of models failing the screen testing stage.

For more information, see: <http://www.eepliant.eu/index.php/about-eepliant/description>

3) Latest news

MSA guidelines and training: the best practice on energy label and ecodesign market surveillance has been elaborated and shared with the authorities participating to the project, and also made available to all other relevant authorities throughout the EU.

EEPLIANT coordinator, PROSAFE, has opened an e-learning portal focusing on market surveillance best practice. It contains training materials mainly intended to support market surveillance officials and professional stakeholders who wish to learn and update themselves about certain product safety and compliance issues in line with the regulatory framework found within countries of the European Economic Area.

More info: <http://www.eepliant.eu/index.php/work-packages/wp2-best-practices>

<http://www.eepliant.eu/index.php/work-packages/wp3-training>

<http://www.e-learningwmb.com/hosting/prosafe/login.php>

LEDs: Information on the packaging has been checked, as well as the declaration of conformity. The models considered as high risk of noncompliance are now being laboratory tested.

Document inspection for 134 models has been conducted, including a screen exercise for 117 models. Full testing of 86 LED models now under way, including the lifetime and other performance parameters, such as colour rendering, power factor, power, beam angle, etc.

The selection of lamp models from the market followed a “risk based” approach with the goal to efficiently detect and remove as many non-compliant products as possible within the project. So far, in total 76 lamp models or their packages or the documentation showed to be non-compliant concerning one or more of the EU regulations concerned.

Some of the project partners - national surveillance authorities - have already started formal actions with suppliers, based on inconsistencies found in formal documentation.

More info: <http://www.eepliant.eu/index.php/work-packages/wp4-led>

http://www.eepliant.eu/images/Documents/WP4/Flyer-EEPLIANT_LEDs_10-20162.pdf

Printers: EEPLIANT is also testing of a number of printers and multi-functional devices (MFDs) to check compliance with the requirements laid down in the Industry Voluntary Agreement (VA - EuroVAprint ASBL) and endorsed by the European Commission, as an alternative to formal mandatory Ecodesign measures on imaging equipment.

The VA includes a wide range of environmental requirements on imaging equipment. For energy in use, it requires that targeted percentages of manufacturers’ products are compliant to many of the requirements in the ENERGY STAR specification for imaging equipment (v2.0).

Project action includes a laboratory tender and full scale testing, and negotiating directly with the manufacturers on results observed:

- A list of products known to be used by manufacturers to meet their VA targets has been developed and products for documentation checks selected
- Technical documentation from the relevant manufacturers requested and some models purchased for testing purposes
- Final contracts with the test laboratory have been signed and steps organised to test a total of 40 models

More info: <http://www.eepliant.eu/index.php/work-packages/wp5-printers>
http://www.eepliant.eu/images/Documents/WP5/Flyer-EEPLIANT_Imaging_10-2016-v0-4.pdf

Heaters: An important activity of the project is the testing of a number of heaters to check their compliance with the delegated regulation (EU) 811/2013 supplementing the Energy Labelling Directive and the delegated regulation (EU) 813/2013 implementing the Ecodesign Directive.

The compliance verification includes document inspections and laboratory testing. Regarding the big gas boilers (70 - 400 kW), the test will for practical reasons take place "in-situ" on an already installed boiler.

- Small boilers: Ten products have been sampled and sent to the laboratory. Testing of six products has been finalised, others are progressing.
- Heat pumps: Seven products have been sent to the laboratory. The first results are expected in November. Testing is presumed to be finalised before the end of the year.
- Large boilers (70-400 kW): The test will involve boilers in two countries (DK and UK) to explore whether the test protocol can be implemented by more than one test house.

Project action includes not only document inspections and laboratory testing, but also a round-robin exercise ensuring all results would be evaluated in a consistent way.

More info: <http://www.eepliant.eu/index.php/work-packages/wp6-heaters>
http://www.eepliant.eu/images/Documents/WP4/Flyer-EEPLIANT_Heaters_10-2016.pdf

4) Follow us!

Stay updated with the project activities, get in touch with the team for more details and do contact us for more information!

Follow us on Twitter: <https://twitter.com/eepliant>

Project press releases and newsletters:

<http://www.eepliant.eu/index.php/newsletters>

Project meetings, events and presentations made:

<http://eepliant.eu/index.php/events>

Contact us: <http://www.eepliant.eu/index.php/contact-us>

Background information

This information is issued by PROSAFE and the market surveillance authorities representing 12 EU Member States in the EEPLIANT 2014 Action.

The Action is coordinated by PROSAFE (Product Safety Forum of Europe), a non-profit organisation that brings together market surveillance officers from all over Europe and across the world. Visit www.prosafe.org to learn more. On this website you will also find more information about the other Joint Actions coordinated by PROSAFE.

Disclaimer

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