

Joint Actions on Harmonised Products 2021

The JAHARP2021 Omnibus

JAHARP2021 - TV Monitors - Laboratory Questionnaire

Introduction

There are two main pieces of EU legislation covering the energy efficiency of electronic displays, namely an EU Energy Label and an EU Ecodesign Regulation.

The EU Energy Label regulation (EU) 2019/2013 on electronic displays took effect from 1st March 2021 and repealed and replaced the previous Regulation (EU) 1062/2010. Electronic displays are labelled on an energy efficiency scale ranging from A (most efficient) to G (least efficient). The new Energy Label includes improved scaling and takes better account of the screen area. The new label also shows information on the diagonal size of the display, its resolution and the energy use when displaying HDR content.

The EU Ecodesign Regulation (EU) 2019/2021 on electronic displays also took effect from 1st March 2021 and repealed and replaced the previous Ecodesign Regulation for televisions ((EC) No 642/2009). Ecodesign rules on electronic displays are mandatory for all manufacturers and importers wishing to sell their products in the EU. As well as revised on mode efficiency requirements, the new Ecodesign regulation also includes updated requirements for networked standby, standby and off modes. The new mandatory regulation sets revised minimum efficiency requirements but also includes a range of non-energy in use environmental performance improvement requirements.

The JAHARP2021 joint action on TV Monitors commenced in June 2022. The main objective of this project is to ensure that TV's and Computer Monitors which do not meet the requirements on the EU Energy Label and the EU Ecodesign Regulation are removed from the Single Market.

There are 10 EU member state Market Surveillance Authorities involved in the activity (Belgium, Croatia, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Slovenia, and Spain).

As part of the project, a set of televisions and computer monitors will be sent to an accredited lab for testing. PROSAFE will send out a formal invitation to tender, during the 1st half of 2023, for the purposes of selecting a laboratory for this testing.

In the interim, PROSAFE would like to collect data from laboratories about testing information such as clauses in the standardisation, indicative pricing ¹ and duration of testing. To facilitate this information gathering PROSAFE have developed this short questionnaire. PROSAFE would appreciate any assistance that you are willing to provide.

¹ PROSAFE understand that any indicative pricing is provided as an approximation only to aid with project planning and in no way obligates laboratories to maintain this pricing during the tendering process.

Questionnaire

General Standards Question
<p>1. Is your organisation aware of any issues with the standards used to measure the energy efficiency of televisions and computer monitors in line with requirements in the EU Energy Label Regulation (EU) 2019/2013 and Ecodesign Regulation (EU) 2019/2021? If, yes, please provide details.</p>
<p>2. Are you aware of any issues with the standards used to measure compliance with any of the non-energy in use requirements (e.g. hazardous material content) in the Ecodesign Regulation (EU) 2019/2021? If, yes, please provide details.</p>
<p>3. Are you aware of any specific methods (other than efficiency improvements) manufacturers are employing to reduce the on mode power demand as measured according to the standards used to measure compliance with the EU Energy Label Regulation (EU) 2019/2013 and Ecodesign Regulation (EU) 2019/2021? If, yes, please provide details.</p>
Duration of Testing
<p>4. What is the maximum number of televisions you could test per week from January 2023 to December 2023?</p>
<p>5. What is the maximum number of computer monitors you could test per week from January 2023 to December 2023?</p>
Indicative Pricing
<p>Please provide indicative pricing each of the testing requirements listed. It is understood that all applicable physical attributes of products (e.g. display size) required to determine compliance to legal requirements would also be recorded in test reports.</p> <p>If your laboratory does not provide testing/compliance checking for any parameter please identify by listening “Not Available” in the appropriate box.</p>

Testing Parameter		Cost Per Unit (€)	
		Television	Computer Monitor
Energy/Power Testing	Compliance testing of all energy in use criteria according to EU Energy Label Regulation (EU) 2019/2013 (1 test report)		
	Compliance testing of all energy in use criteria according to EU Ecodesign Regulation (EU) 2019/2021 (1 test report)		
	Combined testing of all energy in use criteria according to the EU Energy Label Regulation (EU) 2019/2013 and EU Ecodesign Regulation (EU) 2019/2021 (2 test reports)		
Material efficiency requirements (added to energy test report)	Compliance testing of all material efficiency requirements according to EU Ecodesign Regulation (EU) 2019/2021		
	Compliance testing of all Design for dismantling, recycling and recovery requirements according to EU Ecodesign Regulation (EU) 2019/2021		
	Compliance testing of all Marking of plastic components requirements according to EU Ecodesign Regulation (EU) 2019/2021		
	Compliance testing of Cadmium (Cd) content by weight in homogeneous materials as detailed in EU Ecodesign Regulation (EU) 2019/2021		
	Compliance testing of Halogenated flame retardant content as detailed in EU Ecodesign Regulation (EU) 2019/2021		
	Compliance testing of Design for repair and reuse requirements as detailed in EU Ecodesign Regulation (EU) 2019/2021		

Further Information

If there are questions about the questionnaire, please contact the PROSAFE Facilitator at Jonathan.wood@tenvic.com

Submission of Questionnaire

Please submit completed questionnaire by email to ioana@prosafe.org and Jonathan.wood@tenvic.com by the **12 December 2022**, with subject "JAHARP2021-02 TV Monitors - Questionnaire for testing labs".

Disclaimer

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