

Joint Actions on Harmonised Products 2020

JAHARP2020-3 (Grant agreement N° SI2.851409)

Work Package 3: USB Chargers

Brussels, 13 December 2021

Invitation to express interest and to provide information

1 Background

In the framework of Joint Market Surveillance Action JAHARP2020-3, a project co-funded by the European Union and coordinated by PROSAFE, one of the product activities (Work Package 3) concerns direct plug-in USB chargers subject to the EU Low Voltage Directive 2014/35/EU, as shown below,. The activity involves the Market Surveillance Authorities of Belgium, Bulgaria, Croatia, Cyprus, Denmark, Finland, Italy, Latvia, Lithuania, Malta, Netherlands, Portugal, Spain and Sweden.

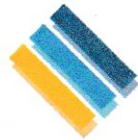


During the activity, the Market Surveillance Authorities of each participating country will take samples of portable USB chargers from the market and send them to a common testing laboratory in order to verify their safety and compliance with the applicable requirements, in this case harmonised standard EN 62368-1.

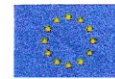
In the coming months, PROSAFE will issue an open Call for Tender for a laboratory to carry out the testing. The Call for tender will be published on the PROSAFE Website¹, and will also be circulated by e-mail to all known European testing laboratories competent for the product area concerned. Product sampling and testing is expected to be carried out during 2022.

PROSAFE is issuing this invitation to all known testing laboratories competent in the product area concerned to express their interest in the task and provide information useful for the preparation of the Call for Tender.

¹ <https://www.prosafe.org/>



JAHARP2020



Co-funded by
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2 Objective and Scope

This invitation does not entail any commitment, financial or otherwise, on the part of PROSAFE or of responders: it serves as a non-binding, informal instrument for the purposes of collecting information on the services to be provided and their availability.

It should be stressed that this invitation does not constitute a public procurement procedure in the sense of Directive 2014/35/EU. We do not require bids or proposals. Consequently, information provided in response to this invitation is not of a contractual nature, it will not be used for the selection of testing laboratories, and it will be treated as confidential.

By responding to this invitation, you simply declare your preliminary interest in working with us in the framework of the project. PROSAFE is not bound to invite, contact or contract only testing laboratories responding to this invitation. Responding to the invitation does not automatically mean that you are eligible to be contracted for relevant tasks. This will depend on fulfilment of the requirements and criteria set out in the future Call for Tender. PROSAFE does not check eligibility or any other conditions at this stage, and your response does not entail entitlement to any assignments.

PROSAFE also reserves the right to use or not to use the data obtained in the future Call for Tender and at this stage PROSAFE does not check the eligibility or best value for money of the prices presented.

3 Protection of personal data and confidentiality

This invitation satisfies all conditions ensuring transparency and equal treatment, avoiding disclosure of privileged information and/or privileged market positions that may distort competition.

If processing your expression of interest involves the recording and processing of personal and sensitive data (such as name, address, email, prices, etc.), such data will be processed pursuant to Regulation (EU) 2016/679 on data protection and privacy in the European Union and the European Economic Area. Your reply to this Invitation and any personal or sensitive data provided will be processed by PROSAFE, which also acts as the data controller solely for the purposes indicated in Section 2.

4 Procedure

Please complete Tables A, B and C below and send your response as soon as possible and no later than **1 February 2022**, by e-mail:

to the PROSAFE Office addressed to Mrs Ioana Sandu, Executive Director, at harp2020@prosafa.org and to Mr Andrew Gordon, PROSAFE Facilitator, at andrew@cecompliancesolutions.co.uk

For clarification on any aspect of this invitation, please send an e-mail to the above addresses.

A. Identity of the laboratory

Name of the laboratory	
Address	

NB Number		
Contact person	Name	
	E-mail	
	Telephone	

B. Test programme and number of samples

The tests to be carried out in the framework of this Joint Market Surveillance Action will be based on the latest valid harmonised (as published in the Official Journal of the European Union - OJEU) edition of EN 62368-1. Testing is a 'smart-screening' approach and not type testing. Testing is targeted at safety-critical criteria likely to result in significant failures and potential hazards. Testing personnel should use their professional judgement in selecting the most appropriate clause/sub-clause for the product (**direct plug-in equipment**). The project allows for testing of approximately 130 USB charger products. Two samples of each USB charger product type would be provided giving a total of 260 product samples.

The suggested maximum testing duration per product is 6 hours. Details are provided in the table below. You are invited to suggest alternative or additional testing, or both, that may be carried out within this time.

Please provide an indicative cost for each test listed below in Euros without VAT (non-contractual information- see section 2), including the cost of preparing a short-form test report for each USB charger type.

Test	Clause of EN 62368-1	Remarks	Indicative cost (Euros without VAT)
Use of components	4.1.2	Inspection only, as individual component data/approvals documentation will not be provided. Comment on the suitability of components bridging double/reinforced insulation.	
Marking and instructions	4.1.15	This should include the marking durability test where necessary (Annex F.3.10).	
Safeguards	T.8	Stress relief test	
Fixing of conductors	4.6	Application of steady force test in Clause T.2 to the component or part under consideration where necessary.	
Equipment for direct insertion into mains socket-outlets	4.7	Dimensional check for plug portion of USB charger only.	
Insulation materials	5.4	Determination of temperatures for materials as per Table 10. And ball pressure test where possible.	

Electric strength	5.4.9	Immediately following the temperature test in 5.4.1.4 with reference to Table 26 (peak voltages - 2.5 kV peak), and 5.4.2.3.2.2 and Table 13 (mains transient voltages - <i>Overvoltage Category II</i>).	
Prospective touch voltage, touch current, and protective conductor current	5.7.1	Testing performed at most unfavourable supply voltage.	
Electrically-caused fire	6.1	Based on a single fault condition under the conditions of Clause B.4.	
Fire enclosures and fire barriers	6.4.8	Needle-flame test according to IEC 60695-11-5.	
Price for producing test report (per sample of each USB charger type)			
Total price (EUR) for product testing and test report production			

C. Comments or suggestions

Please provide below any comments or suggestions that might help PROSAFE and the project group in the preparation of the Call for Tender.



With best regards,

Ioana SANDU
Executive Director



Disclaimer: This document arises from the Joint Market Surveillance Actions on Harmonised Products - JAHARP2020, which receives Funding from the European Union in the framework of the Action entitled "EU support to joint market surveillance actions for non-food products". The content of this document represents the views of the author only and it is his sole responsibility. It cannot be considered to reflect the views of the European Commission or any other body of the European Union. The European Commission does not accept any responsibility for use that may be made of the information it contains