

Joint Actions on Harmonised Products 2022

E-car charging stations/cables (Work Package 2)



Brussels, 5 December 2023

Invitation to express interest and to provide information

1 Background

In the framework of Joint Market Surveillance Action on harmonised products JAHARP2022-03, one of the product activities (Work Package 2) concerns domestic e-car charging stations/cables. This is a project co-funded by the European Union and coordinated by PROSAFE and it involves Market Surveillance Authorities (MSAs) of Cyprus, Finland, Latvia, Romania, Spain, and Sweden.

The project will focus on products that fall under the scope of EU Radio Equipment Directive 2014/53/EU. It aims to verify the compliance with the essential requirements stated in Article 3.1(a) (safety requirements set out in Low Voltage Directive 2014/35/EU, but with no voltage limit applying) and Article 3.1(b) c (adequate level of electromagnetic compatibility as set out in EMC Directive 2014/30/EU).

The products will be rated at approximately 11 kW with charging modes 2 and 3 having a Type 2 connector (European).

In the course of the activity, the MSAs will take samples of e-car charging stations/cables from the market and send them to a testing laboratory in order to verify their safety and compliance with the said requirements.

In the coming months, PROSAFE will issue an open Call for Tender for a testing laboratory to carry out the product testing. The Call for tender will be published on the PROSAFE Website¹, and will also be circulated by e-mail to all known European Conformity Assessment Bodies competent for the product area concerned. The sampling and testing are expected to be carried out during 2024.

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.

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 availability of services.

It should be stressed that this invitation does not constitute a public procurement procedure in the sense of Directive 2014/24/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.

¹ <https://www.prosafe.org/>

By responding to this invitation, you simply declare your preliminary interest in working with us in the framework of the project. 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.

Please, note that all testing of the supplied products must be carried out in a laboratory situated within the EU or the European Economic Area (EEA).

3 Procedure

Please complete Tables A, B and C below and send your response as soon as possible and no later than **4 January 2023 17:00 o'clock CET**, by e-mail to the PROSAFE team concerned: Mrs Ioana Sandu (ioana@prosafe.org), Mr Mario Arigliani (mario@prosafe.org) and Mr Andrew Gordon 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 Action will be based on the latest valid editions of harmonised standards under the LVD and EMC Directives covering domestic e-car charging stations/cable of approximately 11 kW (charging modes 2 and 3 having a Type 2 connector - European).

While these standards are intended to support type-testing by or for manufacturers, the test programme in this project is for market surveillance purposes. It will therefore consist of a limited 'smart screening' approach where the lab testing team should use their professional judgement in selecting safety and EMC critical tests from clauses/sub-clauses in the standards. The project aims to test 16 products.

You are therefore requested to propose the summary of a test programme, based on one product, that makes it possible to verify the most important safety and EMC aspects with a minimum number of test samples. The tests should be specified with reference to the relevant clauses in the safety and EMC standards. Please list the tests in an order of priority from the point of view of safety.

Please provide an indicative cost for each test in Euros without VAT (non-contractual information). The prices shall be kept confidential and will allow us to assess the size of the sampling versus the budget available.

Test criteria: Safety - Art. 3.1(a)	Clause of EN 61851-x series	Indicative cost (Euros without VAT)

Test criteria: EMC - Art. 3.1(b)	Clause of EN 55032 & EN 61000-x series	Indicative cost (Euros without VAT)

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, for example the provisions for testing of RCDs where necessary.

4 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.

Disclaimer:

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Innovation Council and SMEs Executive Agency (EISMEA). Neither the European Union nor the granting authority can be held responsible for them.