**Joint Action on Harmonised Products 2022 JAHARP2022-03 Chainsaws**

***(Grant Agreement No. JA2021-02-3)***

**Competitive Dialogue for Test Laboratories**

**Electric Chainsaws**

Detailed Product Testing Requirements and Price List

# Background

The testing of chainsaws to be carried out in the framework of this Joint Market Surveillance Action will be based on the following Union legislation and applicable methods.

The compliance of chainsaws is subject to the requirements of:

* Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC.
* Directive 2014/35/EU on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.

The purpose of testing is to identify non-compliances allowing a market surveillance authority to decide whether to take actions against a specific product.

This Call for Tender concerns the testing of chainsaws for forest service of the following two types for non-professional use:

1. Electric mains-powered (corded) chainsaws;
2. Electric battery-powered (cordless) chainsaws.

The testing of the above-mentioned types of chainsaws in the framework of this Joint Market Surveillance Action will be based on the following harmonised standards:

* EN 62841-1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements.
* EN 62841-4-1 - Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws.

The project allows for the testing of approximately **15 chainsaw models.** It is foreseen that 2 samples of each model will be used for the purposes of testing.

**The final test programme will be determined during the contracting phase, in cooperation with the selected test body or bodies.**

In the table below please provide the unit price, in Euros, excl. VAT, per test parameter and **taking into account the Test services proposed in the one-pager document supporting the Competitive Dialogue.**

**Disclaimer**

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# Indicative test programme and pricing

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Subject** | **EN 62841-4 (1)** | **Accreditation valid (yes/no?)** | **List standard for valid accreditation** | **Unit costs testing (EUR, excl. VAT)** | | |
| **1-4 models** | **5-9 models** | **10-15 models** |
| 1 | Chain brake | 19.107 |  |  |  |  |  |
| 2 | Handles | 19.101  20.101 |  |  |  |  |  |
| 3 | Front hand guard | 19.102  20.102 |  |  |  |  |  |
| 4 | Rear hand guard | 19.103  20.102  28 |  |  |  |  |  |
| 5 | Chain tensioning | 19.109 |  |  |  |  |  |
| 6 | Chain lubrication | 19.110 |  |  |  |  |  |
| 7 | Balance | 19.111  28 |  |  |  |  |  |
| 8 | Chain catcher | 19.105  20.103 |  |  |  |  |  |
| 9 | Run down time (20 cycles) | 19.112 |  |  |  |  |  |
| 10 | Resetting after unplanned stop | 23.3 |  |  |  |  |  |
| 11 | Operator presence sensor | 21.102 |  |  |  |  |  |
| 12 | Functioning of the start -stop system (20 cycles) | 10 |  |  |  |  |  |
| 13 | Spiked bumper | 21.101 & 3 |  |  |  |  |  |
| 14 | Guide bar cover | 19.108 |  |  |  |  |  |
| 15 | Endurance tests | 23.1.10.1&2 |  |  |  |  |  |
| 16 | Internal wiring | 22 |  |  |  |  |  |
| 17 | Terminals for external conductors | 25 |  |  |  |  |  |
| 18 | Abnormal operation/electric strength (30% overloading voltage) | 18 |  |  |  |  |  |
| 19 | Marking (only if suspicious) | 4.24 label wipe resistance and adhesion (Annex ZB) |  |  |  |  |  |

# Comments/Suggestions for adjustments of the test programme

For example, do you have a test rig available for the kick back test and if yes, in -house or do you need to rent it out, and as of when it will be available?

[Feel free to make suggestions.]