



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

***ECM- Ente Certificazione Macchine Srl***

***Via Cà Bella, 243, Loc. Castello di Serravalle, 40053 Valsamoggia (BO), Italy***

*(Hereinafter called the Organization) and hereby declares that Organization is accredited  
in accordance with the recognized International Standard:*

**ISO/IEC 17025:2017**

This accreditation demonstrates technical competence for a defined scope and the  
operation of a laboratory quality management system  
(as outlined by the joint ISO-ILAC-IAF Communiqué dated 2017):

***Electrical Testing***  
***(As detailed in the supplement)***

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this  
certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the  
Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen  
President

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*Initial Accreditation Date:*

November 10, 2023

*Issue Date:*

November 10, 2023

*Expiration Date:*

April 17, 2025

*Revision Date:*

June 18, 2024

*Accreditation No.:*

121697

*Certificate No.:*

L23-821-R1

*The validity of this certificate is maintained through ongoing assessments based on a  
continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjllabs.com](http://www.pjllabs.com)*



# Certificate of Accreditation: Supplement

## ECM-Ente Certificazione Macchine Srl

Via Cà Bella, 243, Loc. Castello di Serravalle, 40053 Valsamoggia (BO), Italy

Contact Name: Sig. Luca Bedonni Phone: 051-670-5141

*Accreditation is granted to the facility to perform the following testing:*

| FLEX CODE | FIELD OF TEST           | ITEMS, MATERIALS, OR PRODUCTS TESTED                   | COMPONENT, CHARACTERISTIC, PARAMETER TESTED                                                                  | SPECIFICATION OR STANDARD METHOD                                                                                                                                         | TECHNOLOGY OR TECHNIQUE USED  |
|-----------|-------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| F1, F2    | Electrical <sup>F</sup> | Household and similar electrical appliances            | Power input and current (par 10)                                                                             | EN IEC 60335-1:2023; EN IEC 60335-1:2023/A11:2023<br>IEC 60335-1:2020+COR1:2021                                                                                          | Wattmeter and Power Source    |
| F1, F2    |                         |                                                        | Leakage current and electric strength at operating temperature (par 13 point 13.3)                           | EN IEC 60335-1:2023; EN IEC 60335-1:2023/A11:2023<br>IEC 60335-1:2020+COR1:2021                                                                                          | Voltage generator             |
| F1, F2    |                         |                                                        | Provision for earthing (par 27 point 27.5)                                                                   | EN IEC 60335-1:2023; EN IEC 60335-1:2023/A11:2023<br>IEC 60335-1:2020+COR1:2021                                                                                          | Resistance measurement        |
| F1, F2    |                         | Safety of machinery - Electrical equipment of machines | Test 1 – Verification of the continuity of the protective bonding circuit (point 18.2.2)                     | EN 60204-1:2006+A1:2009+Cor1:2010, EN 60204-1:2018, IEC 60204-1:2016+AMD1:2021                                                                                           | Voltage generator             |
| F1, F2    |                         |                                                        | Insulation resistance test (point 18.3)                                                                      | EN 60204-1:2006+A1:2009+Cor1:2010, EN 60204-1:2018, IEC 60204-1:2016+AMD1:2021                                                                                           |                               |
| F1, F2    |                         |                                                        | Voltage tests (point 18.4)                                                                                   | EN 60204-1:2006+A1:2009+Cor1:2010, EN 60204-1:2018, IEC 60204-1:2016+AMD1:2021                                                                                           |                               |
| F1, F2    |                         | Medical electrical equipment                           | General requirements for testing ME Equipment (Par 05, only point 5.9)                                       | EN 60601-1:2006 Cor 1:2010 + A1:2013 + AC:2014 + A12:2014 + A2:2021,<br><br>IEC 60601-1:2005 Cor 1:2006 + Cor 2:2007 + AMD1:2012 ++ Cor 1:2012 + Cor 2:2014 + AMD 2:2020 | Tensile and compressive force |
| F1, F2    |                         |                                                        | ME equipment identification, marking and documents (Par 07 point 7.1.1, 7.1.3, 7.2, 7.5, 7.6, 7.7, 7.8, 7.9) | EN 60601-1:2006 Cor 1:2010 + A1:2013 + AC:2014 + A12:2014 + A2:2021,<br><br>IEC 60601-1:2005 Cor 1:2006 + Cor 2:2007 + AMD1:2012 ++ Cor 1:2012 + Cor 2:2014 + AMD 2:2020 | Visual inspection             |
| F1, F2    |                         |                                                        | Protection against electrical hazard from ME Equipment (Par 08 Point 8.6.4 part a, 8.8.3)                    | EN 60601-1:2006 Cor 1:2010 + A1:2013 + AC:2014 + A12:2014 + A2:2021,<br><br>IEC 60601-1:2005 Cor 1:2006 + Cor 2:2007 + AMD1:2012 ++ Cor 1:2012 + Cor 2:2014 + AMD 2:2020 | Wattmeter                     |



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|-----------|-------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| F1, F2    | Electrical <sup>F</sup> | Medical electrical equipment         | Protection against mechanical hazard of ME Equipment and ME System (Par 09 Point 9.4.2.1, 9.4.2.2) | EN 60601-1:2006 Cor 1:2010 + A1:2013 + AC:2014 + A12:2014 + A2:2021,<br><br>IEC 60601-1:2005 Cor 1:2006 + Cor 2:2007 + AMD1:2012 + + Cor 1:2012 + Cor 2:2014 + AMD 2:2020 | Inclinometer                 |

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
2. Flex Code:  
F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method  
F2-Introduction of a new version of an accredited standard method (with no modifications)  
F3-Introduction of a new parameter/component/analyte to an accredited test method  
F4-Introduction of a new version or modifications of an accredited non-standard method  
F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)