

1. **EU-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in Potentially explosive atmospheres
Directive 2014/34/EU**
3. EU-Type Examination Certificate Number: **EESF 25 ATEX 005X**
4. Product: **Electromechanical Lock**
Certified types: **S50 Ex product family iLOQ C50S, iLOQ D50S, iLOQ F50S, iLOQ G50S and iLOQ H50S**
5. Manufacturer: **iLOQ Oy**
6. Address: **Elektroniikkatie 10, FI-90590 Oulu, Finland**
7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. Eurofins Electric & Electronics Finland Oy, Notified Body number 0537, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report No. EUFI29-24003495-T1.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 IEC 60079-11:2023
10. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
12. The marking of the product shall include the following:



II 2G Ex ib IIB T6 Gb
II 2D Ex ib IIIC T85 °C Db

Espoo, 30.6.2025
Eurofins Electric & Electronics Finland Oy

Jenni Hirvelä
Senior Expert

Kari Koskela
Senior Expert

This document is digitally signed.



13. **Schedule**14. **EU-Type Examination Certificate EESF 25 ATEX 005X**15. **Description of Product**

The iLOQ S50 is a smart locking system that uses a smartphone's NFC to power and unlock locks without batteries or physical keys. It enables secure, real-time access management through a cloud-based platform, ideal for critical infrastructure and utility services.

16. **Report Number**

EUFI29-24003495-T1

17. **Specific Conditions of Use**

1. The maximum allowed ambient temperature ranges for iLOQ S50 Ex models are:
 - a. C50S.xxx.xx.xx: -40 °C...70 °C
 - b. D50S.xxx.xx: -25 °C...65 °C
 - c. F50S.xxx.xx: -40 °C...70 °C
 - d. G50S.xxx: -35 °C...60 °C
 - e. H50S.xxx.xx.xx: -40 °C...70 °C
2. Installation is only allowed to be done by trained personnel.
3. Repairs of the product are not allowed. Do not use a damaged or malfunctioning product.
4. The iLOQ P55S Programming Key shall not be used in hazardous area. Before programming the padlock shall be in safe area.
5. Make sure that the door has Equipotential Bonding connected to local earthing to avoid possible buildup of electrostatic discharge (ESD) on the door.
6. Use the accessory chain in cases where the padlock could fall and hit metal surfaces, causing sparks, and therefore risk of explosion.
7. The NFC device for operating the lock shall be Ex-certified in accordance with place of installation of the lock. The Equipment protection level of the NFC device shall be at least EPL Gb or EPL Db.

Essential Health and Safety Requirements

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

18. **Drawings and Documents**

Drawings and documents are listed in the confidential report.

19. **Certificate History**

Issue	Date	Report No.	Change
EESF 25 ATEX 005X	30.6.2025	EUFI29-24003495-T1	Prime certificate