

3.04 Emergency Responder Communications Enhancement System (ERCES) Certification (2025)

Reference: 2025 San Francisco Fire Code Sections 510.1.1, 510.6.1.1, 510.6.1.2; SFFD 2025 Administrative Bulletin 2.01 Addendum G; 2022 NFPA 1225 Chapter 18

Purpose: To provide information about certificated Emergency Responder Communications Enhancement System (ERCES, previously called ERRCS) and to set forth interpretations, rules and supplemental regulations to carry out the application of the pertinent codes and standards. A certificated ERCES is one for which an acceptable listing organization has issued a serially numbered certificate to the property owner. The certificate is a tool for assuring the reliability of ERCES.

I. GENERAL REQUIREMENTS

1. **ERCES Certification.** All ERCES vendors/contractors/integrators performing ERCES design, installation, testing and maintenance work in San Francisco shall be provided with an ERCES certification. A copy of this certification shall be incorporated on all ERCES permit plans to be submitted for SFFD review and approval per 2025 SFFD Administrative Bulletin 2.01 Addendum G. See URL link for UUKF Certified Vendors: <https://productiq.ulprospector.com/en/search?term=uukf>
2. **OSHA NRTL.** All new ERCES shall be certificated by an organization that is part of the Occupational Safety and Health Administration Nationally Recognized Testing Laboratory Program (OSHA NRTL). A valid and current document, placard, or sticker attesting to the certification shall be located on or near the BDA.

II. ERCES SYSTEMS INSTALLED IN EXISTING BUILDINGS

Per the 2025 San Francisco Fire Code Section 510.6.1.2, building owners are required to obtain a certificate for all existing ERCES systems. Occupancies are required to obtain certification of their existing ERCES systems.



File No: [REDACTED]
CCN: UUKF
Issued: 4/26/2023
Revised: 4/26/2023

ERCES CERTIFICATE

THIS CERTIFIES that the ERCES Service Company is included by UL LLC in its Directory as qualified to use the UL Listing Mark in connection with the certificated ERCES System. This Certificate is the ERCES Service Company's representation that the ERCES System including all connecting wiring and equipment has been installed and will be maintained in compliance with requirements established by UL. Further, this Certificate does not apply in any way to the installation of any additional signaling systems, such as fire, smoke, waterflow, burglary, holdup, medical emergency, or otherwise, that may be connected, installed or referenced along with the Certificated ERCES System. This Certificate does not apply in any way to the communication channel between the protected property and any facility that monitors signals from the protected property XXXX (Insert FCC License Holder language) unless the use of a UL listed, or Classified Alarm Transport Company is specified on the Certificate.

LIMITATION OF LIABILITY: UL LLC makes no representations or warranties, express or implied, that the installed ERCES will in all cases prevent any loss by fire, smoke, communication, water damage, burglary, hold-up or otherwise, or that the ERCES will in all cases provide the protection for which it is installed or intended. By the ERCES Service Company providing this Certificate and the Protected Property acceptance of this Certificate, the ERCES Service Company and the Protected Property acknowledge and agree that UL does not assume or undertake to discharge any liability of the ERCES Service Company or any other party. UL is not an insurer and assumes no liability which may result directly or indirectly from inspection of the equipment, failure of the equipment, failure to conduct inspections, incorrect certification, nonconformity with requirements, failure to discover nonconformity with requirements, cancellation of the Certificate or withdrawal of the ERCES Service Company from inclusion in ULs Directory prior to the expiration date appearing on this Certificate.

OPERATIONAL REQUIREMENTS: The ERCES Service Company bears the responsibility for the correctness of the installation; maintenance of the system documentation; periodic system inspection and testing; maintaining and providing any necessary repairs. All operations and maintenance shall be conducted in the manner prescribed by the requisite UL Listing and applicable NFPA standard referenced. All required service is to be provided for in an appropriate contract. System documentation is defined to include any "As Built Drawings"; the records of any "Acceptance Testing"; the records of all periodic system testing and maintenance and the issuance of documentation/letter from the FCC License Holder for Broadcast/Rebroadcast in accordance with local, state federal (inclusive of FCC) requirements.

SYSTEM DESCRIPTION

This system is installed and operated in accordance with:

Model Code: CFC 2019
NFPA Standard: NFPA 1221 - 2019
UL Listed (2524): Yes
ETL/SGS/Other NRTL Listed (UL 2524): Yes
Area Covered: Entire Building
Authority Having Jurisdiction: San Francisco Fire Department
Responding Fire Department: San Francisco Fire Department
FCC License Holder: City and County of San Francisco

SYSTEM DEVIATIONS FROM REFERENCED NFPA STANDARDS

NONE

Protected Property:

[REDACTED]
San Francisco, CA 94109 UNITED STATES

ERCES Company:

[REDACTED]

SN: [REDACTED].230426



File No: [REDACTED]
CCN: UUKF
Issued: 4/26/2023
Revised: 4/26/2023

ERCES CERTIFICATE

Protected Property:

[REDACTED]
San Francisco, CA 94109 UNITED STATES

ERCES Company:

[REDACTED]

System Description:

Area Covered:	Entire Building
Testing and Maintenance Contract Date:	4/26/2023
Authority Having Jurisdiction:	San Francisco Fire Department
Responding Fire Department:	San Francisco Fire Department
FCC License Holder:	City and County of San Francisco

Model Code	CFC 2019
UL Listed (UL 2524)	Yes
ETL/SGS/Other NRTL Listed (UL 2524)	Yes
Booster Type	Class A
FCC License Holder Rebroadcast	Yes
Letter/Approval	
Erces Control Panel/System Manufacturer	Comba
Erces Control Panel/System Model	RX78V1-A3348-UL
Lightning Protection	Yes
Pathway Survivability	2 Hours
General Coverage Area	95%
Elevator Lobbies	99%
Exit Stairwells	99%
Exit Passageways	99%
Standpipe / Hose Cabinets	99%
Fire Pump Room	99%
Command Center	N/A

SYSTEM DEVIATIONS FROM REFERENCED NFPA STANDARDS

NONE

ERCES Deployment:

Antenna(s):	11
Donor Antenna(s):	1

Monitoring Location:

AHJ Approved Alternate Location

SN: [REDACTED].230426



Party Site No.: [REDACTED]

Expires: 31-Dec-2024

CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY that the Alarm / Service Company identified below is included by - UL Solutions (UL) in its UL Product iQ directories as eligible to use the UL Listing Mark in connection with Certificated Systems. The only evidence of compliance with UL's requirements is the issuance of a UL Certificate for the System and the Certificate is active under UL's Certificate Verification Service. This Certificate does not apply in any way to the communication channel between the protected property and any facility that monitors signals from the protected property.

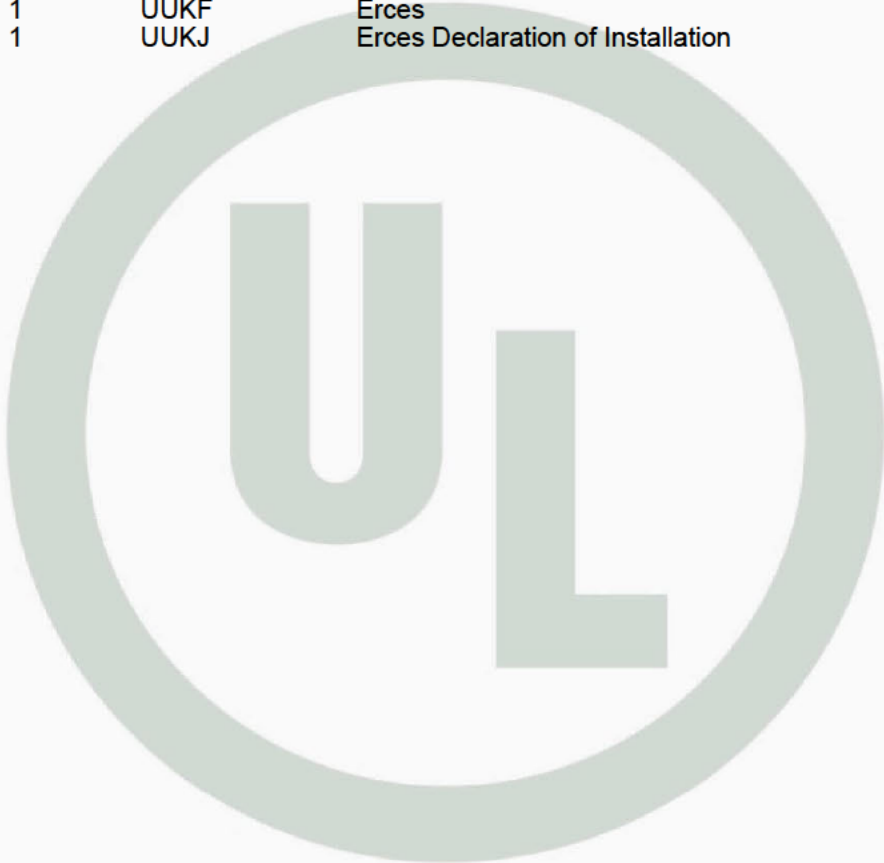
Listed Service From: PLEASANTON, CALIFORNIA

Alarm / Service Company: [REDACTED]

[REDACTED]

The Alarm / Service Company is Listed in the following Certificate Service Categories:

File	Vol No.	CCN	Listing Category
[REDACTED]	1	UUKF	Erces
	1	UUKJ	Erces Declaration of Installation



THIS CERTIFICATE EXPIRES ON 31-DEC-24

"LOOK FOR THE UL ALARM / SYSTEM CERTIFICATE"

This certification sticker shall be located on or near the BDA									
DO NOT REMOVE by order of San Francisco Fire Marshal <i>SFFD Administrative Bulletin 3.05 and 2.01 Addendum G</i>	EMERGENCY RESPONDER RADIO COMMUNICATION SYSTEM				Month and Year Tested	2024 2025 2026 2027 2028		JUN	DEC
	 Company Name Street Address City, State, Zip 123-456-7890 License # 12-345-6790			MAY		NOV			
				APR		OCT			
				MAR		SEP			
ANNUAL CERTIFICATION						FEB	AUG	JAN	JUL
Technician Name (Print) _____ Signature _____									

This annual label/sticker shall be located on or near the BDA of the ERRCS.

Minimum Size: 4" x 2.5"

Shall have the following information:

Company Name

Company Address

Company Phone Number

License Number

Technician Name (Printed) & Signature

Date of Service