

Project Information	
City Project Number	Project Address

Print Building Owner's Name		Contact Phone Number	Contact Email
First	Last		

ERRC/BDA Installing Agency		
Print Company Name	Lead Installer	GROL License No.

ERRC/BDA Inspection Agency		Special Inspection Date	/ /
Print Company Name	Print Special Inspector's Name	Address	
Texas P.E. / FCC GROL License No.	Contact Phone	Contact Email	

By signing and/or affixing my seal below, I hereby attest to the following:

- _____ (Initials) 1. That the person performing the required inspection and testing of the ERRC system is objective, competent, and independent from the contractor responsible for the work being inspected.
- _____ (Initials) 2. I have disclosed all possible conflicts of interest to Houston Public Works before submitting this inspection report.
- _____ (Initials) 3. The following inspections and test procedures were performed at the property located at the address listed above and that the Emergency Responder Radio Coverage for the said property was found to be compliant in accordance with the provisions of the Houston Construction Code

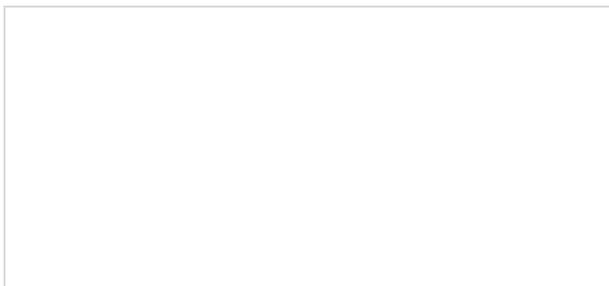
Initials	Applicable Test Procedures and Inspections
_____	The test was conducted using: <input type="checkbox"/> a calibrated portable radio of the latest brand and model used by the agency talking through the agency's radio communication system, <input type="checkbox"/> a calibrated reputable brand spectrum analyzer (See Attached Grid Test Report for details)
_____	<input type="checkbox"/> Each floor of the building was divided into a grid of 20 approximately equal test areas and, when tested, no more than two nonadjacent test areas were found to have failed the test; or <input type="checkbox"/> Each floor of the building was divided into a grid of 40 approximately equal test areas and, when tested, no more than four nonadjacent test areas were found to have failed the test
_____	Two-way radio communications were verified by testing the two-way communication to and from the outside of the building from a single point approximately in the center of each test area. No retests occurred for the representative area based upon a second or third point selected.
_____	The gain values of all amplifiers were measured, and the test measurement results will be kept on file with the building <i>owner</i> , so measurements can be verified during annual tests. In the event that the measurements are lost, the building <i>owner</i> shall be required to rerun the acceptance test to reestablish the gain values.
_____	As part of the installation, a spectrum analyzer or other suitable test equipment has been utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test occurred at the time of installation and will be repeated at each subsequent annual inspection.
_____	The ERRC on each floor has been determined to be a minimum of 95% in accordance with the provisions of Section 510 of the Houston Fire Code. This is a passing score and at the time of this special inspection the building complies with the code provisions of the Houston Construction Code for ERRC.
_____	In lieu of an approved radio coverage system, a wired communication system is installed for the existing structure at this property in accordance with the code provisions of section 510.1 of the Houston Adopted IFC Exception #1.
_____	Signal booster systems, components and circuitry are provided in accordance with the code provisions of section 510.4.2.4 of Houston Adopted IFC, the Houston Adopted IBC, NFPA 72 and the Houston Adopted National Electrical Code (NEC).
_____	Wired fire department communication systems are designed and installed in accordance with the Houston Adopted IFC, NEC and NFPA 72 and shall operate between a fire command center complying with the Houston Construction Code.

**EMERGENCY RESPONDER RADIO COVERAGE
(ERRC) SPECIAL INSPECTION REPORT**

NOTE: This inspection checklist and any attached documents address the Special Inspection Testing requirement applicable to the ERRC code requirements associated with the new building(s), buildout(s), building addition(s) and/or remodel project(s) listed below:

City of Houston Project Number(s)	Project Description <i>Scope of Work: Specify the areas tested by floors, hallways, critical areas (fire command center, fire pump rooms, exit stairs, exit passageways, elevator lobbies) and others</i>
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Insert Engineer Seal or Image of Special Inspectors FCC General Radiotelephone Operators License in the box below.



Signature

Date