



# FDNY

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## **CERTIFICATE OF APPROVAL # 6233** **THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE** **and EXPIRES on NOVEMBER 13, 2019**

By order of Fire Commissioner Daniel A. Nigro, and pursuant to Section FC 112 of the New York City New Fire Code, the following equipment or system is accepted for use provided the conditions as outlined below are in full compliance.

**Manufacturer:** Tyco Fire & Security, GnbH

**Trade Name:** Tyco Fire & Security, GnbH

**Product:** The Wireless System

**Basic Model Number(s):** The Wireless System consists of the following control panel, modules and blocks:

CP-3600	Control Panel
AR-5	Wireless Fire Alarm Repeater
RB-40	Relay Box, Represents RB-10, -20, and -30.
SR-5	Wireless Relay Box
310	Wireless Manual Pull Station
345	Wireless Fire Transmitter
300/301	Wireless Smoke Detector with built in sounder
RM-5	Relay Module
WRA-3R	Annunciators, Represents WRA-3LG
350	Carbon Monoxide Detector
520	Sounder
MH	Sounder

**Pertinent Code Section(s):** Section FC 901 of the New York City Fire Code

**Test(s) Standards(s):** UL 864 9<sup>th</sup> Edition

**Laboratory:** Underwriters Laboratories, Inc. (UL)

**Test Report(s):** UL File S24429 issued 2016-02-24; revised 2016-03-09

**Description:** **Fire Alarm Control Panel CP-3600** is a wireless system with the exception of the Auxiliary Output and NAC circuit, which are hardwired circuits. All Initiating devices (Detectors/Sounder devices, Manual Pull Stations, and Transmitter used with N.O. Contact Devices), communicate with the main Control Panel via wireless RF. The NAC devices/Relay Dry Contacts/Auxiliary outputs are hard wire connections. Model CP-3600 supports up to 1024 wireless devices.

**Fire Department, City of New York**

9 MetroTech Center, Brooklyn New York 11201-3857

## **Conditions of Approval:**

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Construction Codes, specifically Building Code Chapter 9 & 1RCNY §3616-04. Further, the installation shall be in accordance with applicable provisions of New York City Fire Code, New York City Electrical Code, manufacturer's installation requirements, and UL Standards 864 and 1730.
2. The installation of Fire Alarm Control Panel must provide for fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.
3. The wireless system shall comply with Special Requirements for Low-Power Radio (Wireless) Systems (Section 23.18; NFPA 72, 2010 edition).
4. All shown above wireless devices shall be used only with listed fire alarm control panels and devices, with which the compatibility has been determined by UL listing report.
5. All wireless system installations shall be inspected and tested by FDNY fire alarm inspection unit for the final approval.
6. Underwriters Laboratories, Inc. listing requirements and limitations shall be complied with.
7. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
8. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to all New York City buyers and users.
9. Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
10. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
11. As the manufacturer of this product, you should be aware that any end user who fails to comply with the condition as outlined in the approval would be subject to enforcement action, which may include fines and imprisonment.
12. This Certificate of Approval does not grant the right to use any trademark associated with the New York City Fire Department (the letters FDNY, the FDNY Shield design, the FDNY Maltese Cross design, and the seal of the City of New York). The unauthorized use of trademarks in connection with the sale of commercial goods or services violates federal and state laws.

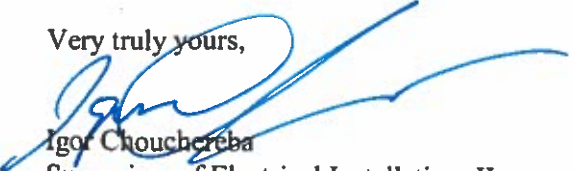
**Expires on November 13, 2019**  
**COA #6233 for CWSI/Tyco**  
**F.P. Index#: 1605017A**  
**FPIMS#: 36131555**  
**November 14, 2016**  
**Page 3 of 3**

13. Products marked to indicate the Certificate of Approval number might refer to the "NYC Fire Department" or "NYC Fire Dept" (e.g., "NYC Fire Dept Certificate of Approval #XXXX).

Any change in company name or ownership, product name, design or model number of any product included on this certificate must be immediately reported to this Department in writing.

When responding to this Department regarding this subject matter, kindly refer to F.P. Index # 1605017A and to Igor Chouchereba attention, 9 MetroTech Center #1S-43-K, phone (718) 999-1997.

Very truly yours,



Igor Chouchereba  
Supervisor of Electrical Installation, II  
Technology Management

c: Tamara Saakian, P.E., Director of Technology Management.



# FDNY

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## **CERTIFICATE OF APPROVAL # 6232** **THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE** **and EXPIRES on NOVEMBER 13, 2019**

By order of Fire Commissioner Daniel A. Nigro, and pursuant to Section FC 112 of the New York City New Fire Code, the following equipment or system is accepted for use provided the conditions as outlined below are in full compliance.

**Manufacturer:** Tyco Fire & Security, GnbH

**Trade Name:** Tyco Fire & Security, GnbH

**Product:** The Wireless System

**Basic Model Number(s):** The Wireless System consists of the following control panel, modules and blocks:

CP-3600+	Control Panel
AR-5	Wireless Fire Alarm Repeater
RB-40	Relay Box, Represents RB-10, -20, and -30.
SR-5	Wireless Relay Box
310	Wireless Manual Pull Station
345	Wireless Fire Transmitter
300/301	Wireless Smoke Detector with built in sounder
RM-5	Relay Module
WRA-3R	Annunciators, Represents WRA-3LG
350	Carbon Monoxide Detector
520	Sounder
MH	Sounder

**Pertinent Code Section(s):** Section FC 901 of the New York City Fire Code

**Test(s) Standards(s):** UL 864 9<sup>th</sup> Edition

**Laboratory:** Underwriters Laboratories, Inc. (UL)

**Test Report(s):** UL File S24429 issued 2016-02-24; revised 2016-03-09

**Description:** **Fire Alarm Control Panel CP-3600+** is a wireless system with the exception of the Auxiliary Output and NAC circuit, which are hardwired circuits. All Initiating devices (Detectors/Sounder devices, Manual Pull Stations, and Transmitter used with N.O. Contact Devices), communicate with the main Control Panel via wireless RF. The NAC devices/Relay Dry Contacts/Auxiliary outputs are hard wire connections. Model CP-3600+ supports up to 2048 wireless devices.

**Fire Department, City of New York**

9 MetroTech Center, Brooklyn New York 11201-3857

## **Conditions of Approval:**

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Construction Codes, specifically Building Code Chapter 9 & IRCNY §3616-04. Further, the installation shall be in accordance with applicable provisions of New York City Fire Code, New York City Electrical Code, manufacturer's installation requirements, and UL Standards 864 and 1730.
2. The installation of Fire Alarm Control Panel must provide for fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.
3. The wireless system shall comply with Special Requirements for Low-Power Radio (Wireless) Systems (Section 23.18; NFPA 72, 2010 edition).
4. All shown above wireless devices shall be used only with listed fire alarm control panels and devices, with which the compatibility has been determined by UL listing report.
5. All wireless system installations shall be inspected and tested by FDNY fire alarm inspection unit for the final approval.
6. Underwriters Laboratories, Inc. listing requirements and limitations shall be complied with.
7. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
8. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to all New York City buyers and users.
9. Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
10. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
11. As the manufacturer of this product, you should be aware that any end user who fails to comply with the condition as outlined in the approval would be subject to enforcement action, which may include fines and imprisonment.
12. This Certificate of Approval does not grant the right to use any trademark associated with the New York City Fire Department (the letters FDNY, the FDNY Shield design, the FDNY Maltese Cross design, and the seal of the City of New York). The unauthorized use of trademarks in connection with the sale of commercial goods or services violates federal and state laws.

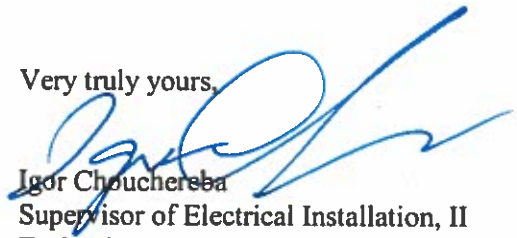
**Expires on November 13, 2019**  
**COA #6232 for CWSI/Tyco**  
**F.P. Index#: 1605030A**  
**FPIMS#: 36131563**  
**November 14, 2016**  
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When responding to this Department regarding this subject matter, kindly refer to F.P. Index # 1605030A and to Igor Chouchereba attention, 9 MetroTech Center #1S-43-K, phone (718) 999-1997.

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