Honeywell Life Safety
12 Clintonville Road
Northford, CT 06472

IPGSM-4G Commercial Fire Communicator

After completing the setup installation using **IPGSM-4G Installation and Setup Guide** # 800-12454 7/12 Rev. B, perform the following steps for inspection and testing a unit:

Inspection and testing: Initial/Reacceptance/ Semiannually

A. Visual inspections:

1) Antenna secured and connected to the iGSM Communications Module
2) LED Display board secured
3) Dialer Capture Module with Telco 1 and Telco 2 cables installed from Fire Alarm Control Panel
4) iGSM Communications Module secured, Ethernet cable installed
5) PowerBoost1 secured, verified Earth Ground
6) Ferrite Filter installed
7) Transformer, 18 VAC secured
8) Battery (7Ah) shall be inspected for corrosion and leakage
9) Confirm all wiring terminals and connectors are tight
10) Confirm all wiring secured with cable ties
11) Ensure the cabinet door lock is installed and functioning

B. Quiescent Operation Checks: Refer to Setup Guide for location of LEDs

1) AC ON (Green) viewed from outside door or bottom LED on the LED Display board
2) iGSM Communications Module, Ethernet cable installed
    a. Green Status LED – off
    b. Yellow Status LED – flashing
    c. Red Status LED – off
    d. Signal Strength LEDs – one red, two yellow, and at least one green lit solid
    e. Green Ethernet LED – on
3) PowerBoost1
    a. Green AC LED – on
    b. Green Active LED – flashing
4) Dialer Capture Module
    a. Green LED – on
    b. Red LED – flashing

C. Test System on Secondary Power (Battery)

1) Notify the central station that a test will be conducted.
2) Disconnect Transformer, 18 VAC
3) Verify PowerBoost1 AC LED OFF
4) Close and lock the cabinet cover
5) Activate an Alarm event from the Fire Alarm Control Panel
6) Restore the Alarm event
7) Activate an Supervisory event from the Fire Alarm Control Panel
8) Restore the Supervisory event
9) Activate an Trouble event from the Fire Alarm Control Panel
10) Restore the Trouble event
11) Restore AC power (Transformer)
12) Call central station to confirm receipt of the above events

D. Test System on Primary Power

1) Notify the central station that a test will be conducted.
2) Verify Transformer, 18 VAC connected
3) Verify PowerBoost1 AC LED ON
4) Close and lock the cabinet cover
5) Activate an Alarm event from the Fire Alarm Control Panel
6) Restore the Alarm event
7) Activate an Supervisory event from the Fire Alarm Control Panel
8) Restore the Supervisory event
9) Activate an Trouble event from the Fire Alarm Control Panel
10) Restore the Trouble event
11) Call central station to confirm receipt of the above events

E. Test Battery Failure and Radio Fault Supervision

1) Notify the central station that a test will be conducted.
2) Disconnect battery
3) Verify PowerBoost1 AC LED ON
4) Close and lock the cabinet cover
5) Wait 60 seconds
6) Verify Low Battery LED is lit
7) Fire Alarm Control Panel should indicate Telco line 2 fault within 200 seconds
8) Disconnect Telco line 1 from the panel
9) Fire Alarm Control Panel should indicate Telco line 1 fault within 200 seconds
10) Reconnect Telco line 1
11) Reconnect battery
12) Verify Low Battery LED is off
13) Call central station to confirm receipt of Telco 2 fault and restore

F. IP/GSM mode 24 hour daily Test report event

1) Call central station for confirmation of the 24 hour daily test report event