HWF2V-COM and HWF2A-COM

Inspection and Testing Procedure

After completing the setup installation using *HWF2-COM Installation and Setup Guide # 800-24452*, perform the following steps for inspection and testing (initial, re-acceptance, semi-annual).

Visual Inspections

1. The antenna is secured and connected to the Communications Module.
2. The LED Display board is secured.
3. The Dialer Capture Module with Telco 1 and Telco 2 lines are connected to the Fire Alarm Control Panel.
4. The Communications Module is secured and the Ethernet cable is installed.
5. The PowerBoost1 is secured and earth ground is monitored by the Fire Alarm Control Panel.
6. The ferrite filter is installed.
7. The transformer, 18 VAC, is secured.
8. The battery (7Ah) has been inspected for corrosion and leakage.
9. All wiring terminals and connectors are tight.
10. All wiring has been secured with cable ties
11. The cabinet door lock is installed and functioning.

Inactive LED Operations Check

Refer to the Setup Guide for location of LEDs.

1. AC LED is ON (green), viewed with door closed or bottom LED on the LED display board
2. HWF2-COM Communications Module, Ethernet cable installed showing:
   - Green Status LED is OFF.
   - Yellow Status LED is flashing.
   - Red Status LED is OFF.
   - Signal Strength LEDs - one red, two yellow, and at least one green are on steady.
   - Green Ethernet LED is ON.
3. PowerBoost1
   - Green AC LED is ON.
   - Green Active LED is flashing.
4. Dialer Capture Module
   - Green LED is ON
   - Red LED is flashing.

System Test Using Secondary Power (Battery)

1. Notify the central station that a test will be conducted.
2. Disconnect the transformer, 18 VAC.
3. Verify the PowerBoost1 AC LED is OFF.
4. Close and lock the cabinet door.
5. Activate an alarm event from the Fire Alarm Control Panel.
6. Acknowledge and clear the alarm event.
7. Activate a supervisory event from the Fire Alarm Control Panel.
8. Acknowledge and clear the supervisory event.

9. Activate a trouble event from the Fire Alarm Control Panel.
10. Acknowledge and clear the trouble event.
11. Restore AC power (transformer).
12. Call the central station to confirm receipt of the above events.

System Test Using Primary Power (AC)

1. Notify the central station that a test will be conducted.
2. Verify the transformer is connected properly.
3. Verify the PowerBoost1 AC LED is ON.
4. Close and lock the cabinet door.
5. Activate an alarm event from the Fire Alarm Control Panel.
6. Acknowledge and clear the alarm event.
7. Activate a supervisory event from the Fire Alarm Control Panel.
8. Acknowledge and clear the supervisory event.
9. Activate a trouble event from the Fire Alarm Control Panel.
10. Acknowledge and clear the trouble event.
11. Restore AC power (transformer).
12. Call the central station to confirm receipt of the above events.

Battery Failure Test and Radio Fault Supervision

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

IP/Cellular Mode 24 Hour Daily Test Report Event

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