# **APPLICATION NOTE 148**

FIREscape Maintenance and Test.



### **Maintenance**

### Daily

Check the keypad(S) or Graphics (if applicable), for any faults, which should be corrected or actioned.

Enter test code 123123, the default time should be set no more than 1 hour. Walk the site ensuring all fittings are securely installed and that they are active. Once the walk-round is complete the test should be cancelled by selecting "QUIT" however it will time out after 1 hour, but this may induce battery faults on this week's ATS report.

### Six monthly

Operate each Phase monitor by switching the lighting circuit off at the breaker, ideally this should be done by a "fish-key" for safety reasons, observe the green LED turns off and the luminaires in the associated area go active. Only one Phase monitor to be tested at a time then return the power after the observation. Phase monitoring cabling should be wired for fail safe (Short circuit on energised (terminals 15 and 18)). Each luminaire should be cleaned with a clean dry cloth to remove any surface dust.

## **Automated Testing**

The system will measure the LED by pulsing the LEDs on a weekly basis and recording their current draw onto the weekly report in milliamps.

Each battery will be measured for capacity every week by using a Load, thus the LED will not be illuminated removing the risk of concern to the normal use of the building. All reports are held in memory on a rolling 52-week basis.

Any failure found by the ATS will be displayed on the Keypad / Graphics. Manual duration testing is not recommended, where the need arises please consult Hochiki for instructions. Manual testing could discharge the batteries for 5 hours instead of 3 if the procedure is ignored.









