

# Egg Harbor Fire Department and First Responders Standard Operating Guidelines

**SUBJECT:** FOUR GAS DETECTOR OPERATION  
AND MAINTENANCE

SOG 304

**PURPOSE:** The purpose of this S.O.G. is to establish a guideline for the operation and maintenance of the four-gas detector.

**SCOPE:** This policy shall apply to all members of the Egg Harbor Fire Department.

## **TURNING ON THE INSTRUMENT**

1. Turn instrument on and allow it to do a self-test.
2. Next it will allow you to run a fresh air set-up (FAS?). Only run it if you are **CERTAIN YOU ARE IN FRESH AIR AND TIME ALLOWING**. If you have any doubt about fresh air, **DO NOT RUN SET-UP**. To run set-up, press the Power button. At the end of the test it will display "FAS OK" or FAS ERR" along with flagging any bad sensors. If "OK", instrument is ready for use. If "ER" has occurred contact department officer about problem.

## **RESETTING READINGS**

1. **WHEN ON SCENE, ONLY RESET READINGS UNDER THE COMMAND OF A DEPARTMENT OFFICER.**
2. In operating mode press the down arrow button to access Peak and Minimum readings.
3. To reset readings to zero press the up-arrow button.
4. To return to operating mode press the power button or wait for it to return automatically.

## **CALIBRATING**

1. Calibration is required every thirty (30) days or after any major use.
2. To check the calibration date turn the instrument on and wait for Display to show (last cal. Date). If more than 30 days have past, Calibration is required. Contact a Department Officer to recalibrate.

## **CHARGING**

1. With the instrument turned off, place into charging unit with the front of instrument facing the charger and upside down, then latch door.
2. Red light will turn on and change to green when complete. (about 4 hours)

## **CLEANING**

If instrument is dirty, wipe clean with damp cloth. **DO NOT USE CLEANING AGENTS.**