



Unit A  
 Horizon Business Centre  
 Goodwin Road  
 Edmonton  
 LONDON N9 0BJ  
 Tel: (020) 8887 1620 Fax: (020) 8807 4076  
 sales@3lelectrical.co.uk

**GAS LEAK DETECTION SERVICE SHEET**

<b>Site:</b>	
<b>Location:</b>	
<b>Zone:</b>	
<b>Panel Reference:</b>	
<b>Chiller:</b>	
<b>Product Description:</b>	
<b>Controller Serial Number:</b>	
<b>Sensor Cable ID:</b>	
<b>Date of Calibration:</b>	
<b>Date of Last Calibration:</b>	
<b>Type/Range of Test Gas:</b>	
<b>Type/Range of Test Gas:</b>	

**1. Electrical Setting Procedure – record Voltages**

Reset units to Factory Calibration Setting

<b>Volts</b>	<b>Factor Set Points On Rating Label</b>	<b>Actual Readings</b>	<b>Adjusted final set point (if applicable)</b>
Sensor Standby Voltage			
Low Alarm Threshold			
High Alarm Threshold			

**2. Carry out Bump Test (Set delay to zero on 1 level units. Note: approx 35 second delayed response on 2 level units)**

Power (Green LED) \_\_\_\_\_

Visual Alarm(s) (Yellow/Red LED) \_\_\_\_\_

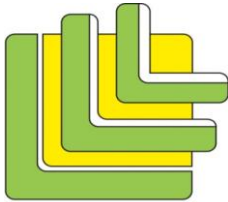
Sounder Operating \_\_\_\_\_

Relay(s) Operating \_\_\_\_\_

Remote System if connected to relay \_\_\_\_\_

**System Passed** \_\_\_\_\_

If system failed, carry out a sensor exchange or gas calibration. See below.



3L Electrical

Unit A  
Horizon Business Centre  
Goodwin Road  
Edmonton  
LONDON N9 0BJ  
Tel: (020) 8887 1620 Fax: (020) 8807 4076  
sales@3lelectrical.co.uk

**3. Sensor Exchange**

Install new sensor PCB. Carry out bump test to confirm function. \_\_\_\_\_

**3. On site Gas Calibration (3 Yearly)**

Follow the procedure and record final adjusted set point voltages in the record table above.

**System Passed** \_\_\_\_\_

If Gas Detector did not respond correctly and could not be recalibrated due to age, exposure to gas etc then the sensor PCB (2L systems) or sensor elements should be replaced and the test process repeated.

**System Passed** \_\_\_\_\_

**We hereby certify that the above specified test procedure has been performed and the Gas Detector is performing as specified.**

Test Performed by \_\_\_\_\_ Signature

\_\_\_\_\_ Date