

## BW Gas Alert Micro XTII Bump Test Instructions

1. Record meter identification on Bump Test Log
2. Turn on Gas Alert Micro XTII
3. Block Inlet
4. Unblock Inlet
5. Wait for 4 gas meter to run various test including self test – when it is completed it will display the number of days until calibration is due (Cal due).
6. Record the number of days until calibration is due on the Bump Test Log
7. The meter should have a flashing green light and display the following measurements:

0	0
H2S PPM	CO PPM
20.9	0
O2 %	LEL %



8. Remove the bottle of test gas from the case and take off the plastic cap and place the bottle on a table top or other firm level surface.
9. Remove the regulator and hose from the case and attach it to the test gas (put regulator on top of bottle and turn the bottle until it seals).
10. Attach hose to the 4 gas meter – which will go into alarm because you are blocking the pump. Slowly turn on the gas and watch the numbers rise. When they reach within 10% of the numbers on the bottle (see chart below), turn the gas off and remove the hose from the meter.
11. **DO NOT SHUT THE ALARM OFF LET THE PUMP CONTINUE TO RUN IN ALARM UNTIL IT IS BACK TO THE READINGS THAT WERE ON THE METER BEFORE YOU BEGAN THE BUMP TEST.** It is important to make sure the sensors in the meter are cleared before resetting if there is still gas on the sensors' (shutting it off while it is still in alarm) you could damage the meter.

GAS MIXTURE	CONCENTRATION in Bottle	ACCEPTABLE RANGE (+or- 10% )
Carbon Monoxide CO	100 PPM	90PPM-110PPM
Methane CH4	50%	45%-55%
Hydrogen Sulfide H2S	25 PPM	22.5PPM-27.5PPM
Oxygen O2	18%	16.2%-19.8%



12. When the normal readings appear hit the blue button, block the inlet, unblock the inlet and the green flashing light will return indicating that the meter is ready to use.
13. To turn the monitor off hold the blue button down while the meter counts backwards from three and then turns off.
14. Detach the regulator from the bottle of gas place it back in the case, put the cap back on the gas and return the gas to the case.
15. Be sure to complete all information on the Bump test log including when you return the monitor.