


■ IMPACT PRO GAS DETECTOR - BASIC OPERATION

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EQUIPMENT NUMBER	Asset 11219 Asset 11220 Asset 11221 Asset 11537
RELATED DOCUMENTS	Impact Series Equipment Manual Manufacturer Power Point Training Impact Pro Gas Detector - Calibration using Enforcer Manufacturer Video Training
DESCRIPTION	<ul style="list-style-type: none"> This is a SOP for the basic user operation of the Impact Pro Gas Detectors. There are currently four of these units located in the operations safety room. For a more detailed look at the operation of these units, please refer to the training and video in the related document section above.
RELATED TASKS	Confined Space Policy Obtaining a Confined Space Permit L/E Confined Space PowerPoint Presentation

STEP:	RESPONSE:
1.0 Pre Use	<p>Inspect the units for charge.</p> <ul style="list-style-type: none"> Red blinking light means charging Green blinking light means fully charged  <p>Note - All units are calibrated on PMs but if you wish you can calibrate the unit yourself before using see Impact Pro - Calibration using enforcer SOP</p>
2.0 Turn On Unit	



- Push the bottom button and hold it for a few seconds the unit will alarm and then turn on.
- The unit will come on and ask if you wish to zero.



- *Note - It is not necessary to zero the unit every time. If you wish to zero refer to step 3.0.*
- After zeroing/or after skipping zeroing, the unit will go into warm up and the monitored numbers will appear.
- Once all the numbers appear the unit is ready for use.



3.0 Zeroing

- If you pick the zeroing option during the start up, the unit will ask if you are located in fresh air.
- After acknowledging the fresh air warning the unit will automatically run through a test sequence.
- The sequence takes about a minute the screen will show.
 - Cell Self Test
 - Setting Zero
 - Auto Zero OK
- After **Auto Zero OK** the unit will show all its numbers (as in step 2.0) and the unit will be ready to use.

If the auto zero does not work, return the unit and label it clearly. Then write a work request and notify Leonard Robb or the safety officer.

4.0 During Use

The gas detector will Bleep every 30 second while the unit is in operation. If the bleeping stops check the readings to ensure the unit is still operating.

- Our units are set up to read
 - Oxygen **02 %VOL**
 - Hydrogen Sulphide **H2S PPM**
 - Lower Explosive Limit **EXP %LEL**
 - Carbon Monoxide **CO PPM**

If any of these parameters are out of their normal range, the unit will alarm.
[Sound Clip.](#)

5.0 Turn Off Unit

To turn off the unit after use hold down the power button until it goes off. Return to the safety room so it can recharge and be ready for the next user.