



GIS Oilfield Contractors Safety & Detection Services Group

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MSA AltAir-5 Bump Test Procedure

- 1) Turn on meter and let run for at least fifteen (15) minutes
- 2) Verify through readings that no gas is present.
- 3) Attach regulator to gas cylinder.
- 4) Connect one end of tubing to regulator.
- 5) Open valve on regulator.
- 6) Attach second end of tubing to the meter pump inlet.
- 7) Meter will go into pump failure.
- 8) Press “reset” on the meter (up arrow).

The reading on the AltAir meter will ramp up and the alarms will sound. Reading should be within the limits stated on the bump gas cylinder. This should take approximately one (1) minute. Three readings will increase and one will decrease. Do not attempt to silence and/or reset the meter. Once the four gases have reached the limits stated on the cylinder record those readings on the daily bump test paperwork.

- 9) Remove the tubing from the meter.
- 10) Close the valve on the regulator.

The readings on the meter should be descending and ascending at this time. Once the readings are below the alarm levels you can press reset (up arrow) to stop the alarms. If the alarms sound again you did not wait long enough to allow all of the readings to get below the alarm level set points. Allow the meter 3-5 minutes to totally clear itself of the bump gas.