AUSTRALIAN OWNED
#00696

Plumb Guard Calibration Check kit Instructions

1) The Plumb Guard Calibration Check Kit (PGCal) is a device to check the safe and correct operation of the HLP Controls Plumb Guard, plumbing safety monitor.

2) This device should only be used by personnel experienced or trained in testing other equipment, such as a test and tag person and in dry conditions.

3) The PGCal should be calibration checked each year. If any faults are experienced or the unit does not function as normal, DO NOT USE. Return to HLP for repair.
   This unit can only be recalibrated by HLP Controls.

4) *To Use* :

A) Make sure the Plumb Guard is fully charged, clean and the leads on the plumb guard are tested by the unit to ensure that they are safe to use and have good conductivity. (the Plumb Guard self test checks the leads for conductivity and the plumb guard itself for correct trip level every time it is used.)

B) Connect the PGCal to a mains power point and turn on the power point.

C) Rotate the center knob anti clockwise and the READY No trip led will be on. (uppermost position)

D) Plug the Plumb Guard under test into the 3 Leads, they match the unit. (center to center Left to Left and Right to Right)

E) Switch the Top switch to point RIGHT (Lead Test Position)

F) Turn the Plumb Guard under test to on. Wait for the unit to start (around 10 seconds). The Test light will now flash, then Push and hold the TEST button on the Plumb Guard under test. All 3 Yellow lights should flash and the beeper will sound. If ok proceed to the next step. Release the test push button on the Plumb Guard.

G) At this point the plumb guard will beep every 10 seconds.

H) Switch the Top switch to the Left (trip Test) position.

I) The Plumb Guard should not alarm, Turn the Center switch clockwise and see that each of the RED lights illuminates in sequence. Wait for 2 seconds before advancing to the next position.

J) The Plumb Guard under test should alarm at either the Trip1 or Trip 2 Position or the position marked "Fault if no Trip".
   This is indicated by the 3 Yellow lights flashing and the alarm beeper activates on the Plumb Guard.

K) If the Unit under test does not alarm at Trip 1 or Trip 2 or The position marked "Fault if no Trip" then it is faulty and needs to be returned to HLP for service.

L) The unit is considered out of calibration if it trips at first turn on, or does not trip at the Fault setting.

M) If all works and the Unit under test alarms at Trip 1 or Trip 2 or the position marked "Fault if no trip" Return to service. Turn off and apply a calibration sticker with the date.

N) When finished testing a batch of units please unplug the PGCal from the power point and keep safe and in dry conditions. NEVER use the PGCal in wet conditions. Return the PGCal to its protective carry case.

NOTE:
The PGCal should be removed from its protective carry case for use. The mains plug is on the LHS side of the base.

If the Unit under test does not alarm correctly on any of the trip tests ,then do not use, do not affix a calibrated sticker and TAG out of service.

If the unit trips at "Fault if no trip" the unit should be returned for re calibration at the earliest time. It means the unit is still working but is alarming at the very top of the acceptable range.

Safety of users will be uncertain until it is rectified.

For any questions:

Phone : 1800 500 160

Or Email: Calibrations@ hlpcontrols.com.au
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