# Plug Technologies, Inc.

## Operating Instructions for Max-Flow™ Air Test Panel- Part # 500-00

Make sure the FatBoy Tester™ plug is connected to the triple hose and the triple hose is properly connected to the Max-Flow™ Air Test Control Panel. The hoses are color coded to make it easy to correctly connect the Max-Flow™ Air Test Control Panel to the FatBoy Tester™ plug.

Before you start testing, make sure that both the FatBoy Tester™ plug and the downstream plug (FatBoy Plugster) you are using are rated for the pressure test you are performing.

The downstream plug should already be installed in the pipe. If it is not, install and inflate the downstream plug prior to moving to the next step.

Locate the knob labeled "***Plug Pressure Regulator***" on your panel. Rotate the ***Plug Pressure Regulator*** knob in a counterclockwise direction until it is completely closed. (The knob may need to be unlocked by pulling out on it until you hear a click.)

Directly above the ***Plug Pressure Regulator*** is the "***Plug Inflate/Plug Deflate***" valve. Rotate this valve counterclockwise to the ***Plug Inflate*** position. The FatBoy Tester™ plug is now ready for inflation.

Rotate the ***Plug Pressure Regulator*** knob in a clockwise direction. This will open the valve and begin to inflate the FatBoy Tester™ plug. Make sure to closely monitor the plug inflation pressure as shown in gauge immediately above labeled "***Plug Inflation Pressure***." **WARNING! - Over pressurizing the FatBoy Tester™ plug can cause the plug to rupture or explode.**

Once the FatBoy Tester™ plug reaches the recommended inflation pressure, turn the ***Plug Inflate/Plug Deflate*** valve to the "***Closed***" position. Continue to monitor the inflation pressure of the FatBoy Tester™ plug during the test.

Immediately opposite ***Plug Inflate/Plug Deflate*** valve is the "***Test Area Fill/Test Area Exhaust***" valve. Rotate the ***Test Area Fill/Test*** *Area Exhaust* valve clockwise to the ***Test Area Fill*** position. This will begin filling the test area between the two plugs. Make sure to closely monitor the test pressure as shown in gauge immediately above labeled "***Test Pressure***." **WARNING! - Over pressurizing the test area can cause the plugs to violently exit the pipe.**

Once the desired test pressure is reached, turn the ***Test Area Fill/Test Area Exhaust*** valve counterclockwise to the ***Closed*** position. Hold the pressure for the required time as determined by the assigned inspector.

After completing the test, turn the ***Test Area Fill/Test Area Exhaust*** valve counterclockwise to the ***Test Area Exhaust*** position. Once the test area has completely exhausted, the FatBoy Tester™ plug can be deflated by rotating the ***Plug Inflate/Plug Deflate*** valve clockwise to the ***Plug Deflate*** position. This will deflate the FatBoy Tester™ plug and can now be removed from the pipe. **WARNING! - deflating plugs prior to completely exhausting the test area can cause the plugs to violently exit the pipe.**

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## Trouble Shooting

**The test area will pressurize but quickly loses pressure and causes the test to fail.**

Your pipe may have a leak that is causing the test to fail.

Make sure the plugs being used will hold the amount of pressure your test requires.

Make sure the plugs being used are inflated to the recommended inflation pressure.

Make sure the plugs being used are positioned all the way inside the pipe.

**I am pressurizing the test area but no pressure is registering on the test pressure gauge on the control panel?**

Make sure the yellow read back (return) hose is properly connected to the yellow return fitting on the panel.

Make sure the test pressure gauge is working properly.

Make sure there are no open drops that are connected to your pipe.

You may have a significant leak in the pipe that will not allow pressure to build up and register on the test pressure gauge.

**The Plug Pressure Regulator will not turn.**

Unlock the Plug Pressure Regulator by pulling on the knob until you hear a click.

Plug Technologies, Inc. 11099 Lamont Ave NE Hanover, MN 55341
Phone: 855-758-4496
www.plugtechinc.com