



Curtiss Wright EST Group offers two new test plugs for hydrotesting in hot work environments

Safe, Reliable and Fast pressure testing of pipe systems in challenging conditions

HATFIELD, PA, USA, January 7, 2015
/EINPresswire.com/ -- **GRIP TIGHT® ISOLATION PLUG**

Allows you to positively isolate and monitor potentially explosive vapors during “hot work”, then effectively hydrotest the new weld connection with one easy to use tool. The GripTight® Isolation Plug integrates all the features of EST’s Double Block and Bleed Test Plug with GripTight® gripping technology. The GripTight® Grippers enhance operational safety, by reducing the risks associated with unexpected upstream pressure in the line. The GripTight® Isolation Plug is capable of withstanding upstream pressures up to 1500 PsiG (103 BarG). If the upstream pressure increases, GripTight® grippers actually use the pressure to increase their grip on the pipe. The greater the pressure, the greater the grip!

Features and Benefits

- Lightweight, aluminum and steel construction makes it easy to use.
- Test pressures up to 2250 PsiG (155 BarG) between the seals .
- Handles upstream pressures up to 1500 PsiG (103 BarG).
- Available for NPS ranging from 3/4” to 24” (DN20 - DN600).
- Pressure tests performed with less than a gallon of water.
- Reduced fill time.
- Reduced waste disposal



GRIP TIGHT® **REVERSE PRESSURE** PLUG (GTRP)

Eliminates concerns over inadequate joint strength when pressure testing welded flange connections

Previous flange weld testing devices have been shown to apply only radial and hoop stresses to the weld location. Use of these devices for pressure testing will not adequately test or verify the axial strength of the flange-to-pipe weld. EST Group's new GripTight® Reverse Pressure (GTRP) test plugs are the solution to the growing concern over the axial strength of flange-to-pipe welds. By isolating the test area between a test flange. By using this plug, the flange-to-pipe weld is subjected to the full axial, hoop, and radial stresses equivalent to the stresses that would be produced when using a test blind to pressurize the entire piping system. Thus, the GTRP can effectively verify the weld integrity providing the user confidence that the flange and weld will properly function when placed into service.

Features and Benefits

Eliminates the need to blind, fill, and pressurize the entire piping system,

Reduces the need to properly handle and dispose of potentially contaminated test fluids.

Testing is quick, easy, and safe meeting the requirements of ASME/ANSI B16.5.

Allows testing to pressures up to 2,250 PsiG (155 BarG), covering up to ANSI 600# class service

Plugs are available in sizes 3/4" to 12" (DN20 - DN300), additional plug sizes and higher test pressures available upon request.

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