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L.J. Star Announces First Safety Clamp for Hygienic/Sanitary Connections

Media Contact:
Mark Johnson, CBC
Goldstein Group Communications
216-573-2300
mjohnson@ggcomm.com

For High Resolution Image:
http://client.ggcomm.com/LJS/images/SH_SafetyClamp.JPG

Twinsburg, OH – January 22, 2007 – L.J. Star, a leading supplier of process observation equipment, introduced the SH Style Safety Clamp for hygienic/sanitary connections – the first safety clamp to be offered by a North American supplier. Now specifiers can significantly increase plant safety by simply changing the clamp style.

Unlike conventional clamps used to connect ferrules in sanitary process applications, the SH Style Safety Clamp provides quick access to a joint for cleaning and inspection, without sacrificing safety. The clamp cannot unlatch while the clamp is under pressure or before the wing-nut has been sufficiently loosened.

Sanitary clamps are made specifically for the pharmaceutical and biotech industries where joint cleanliness and efficient material flow are of paramount importance. Compared to common pipe flange connections, sanitary pipe connections provide lower costs, quicker and easier access, and greater cleanability.

L.J. Star's CE-compliant SH Style Safety Clamps are available from stock to fit tube OD sizes 1/2- to 4-inches. Larger sizes and pipe schedule sizes are available upon request.

Unique Safe Operator Design

A patented design of the SH Style Safety Clamp improves operator safety, particularly in high-temperature steam applications. Accidental bumping of the wing nut will not allow the clamp to open and cause severe burns. If the nut loosens as a result of vibration and temperature cycling, the clamp's swing bolt cannot come off the fork of the clamp, avoiding a catastrophic joint failure. A steam hiss or a process fluid leak will warn the operator that attention is needed at that connection.

Precision Fit and Compression

The SH Style Clamp, standard in 316 stainless steel, incorporates a two-pin hinge that allows for a more uniform compression on the gasket. Because of precision manufacturing, and the use of investment castings, they provide a precise fit and even compression. They feature a unique groove profile that provides higher clamping efficiency and have a fine surface finish for a hygienic connection.

Choice of Fasteners

Specifiers can choose standard or ergonomic wing nuts, which provide easy hand torquing, or domed hex nuts, which provide greater torque control and a more compact assembly. Hex nut options include the standard dome nut, hex nut and spring loaded dome nut that keeps tension on the gasket during expansion and contractions of the ferrules caused by temperature fluctuations.

Complete Product Line

In addition to the SH Style Safety Clamp, L.J. Star offers a high-pressure sanitary clamp and an ASME code sanitary clamp designed for pressure vessels, filter housing and other applications. Beyond sanitary fittings, L.J. Star has a complete line of process observation equipment including sight glasses, lights, and level gages.

Availability

The SH Style Safety Clamp is available from stock at prices starting at \$12.00.

For additional information, contact L.J. Star Incorporated at: web: www.ljstar.com/pubs/1.htm; phone: 330-405-3040; fax: 330-405-3070; email: view@ljstar.com.

About L.J. Star

L.J. Star Incorporated provides an extensive line of process observation equipment -- sight glasses, lights, sanitary fittings, and level gage instrumentation. Product lines include Metaglas[®] Safety Sight Windows, Lumiglas[®] Explosion Proof Lights and Cameras, Visual Flow Indicators, Sight Ports, Sanitary Clamps, Magnetic Level Gages and Gage Glass. For additional information, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: view@ljstar.com. Website: www.ljstar.com.

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