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TCI ClampConnect™ Sanitary Fitting from L.J. Star Receives Patent



Twinsburg, Ohio — November 20, 2012 — A patent has been awarded to L.J. Star for its TCI ClampConnect™, a sanitary fitting that makes sterile/clean in place processes more sanitary by eliminating the dead leg of ordinary ferrule fittings that can harbor air pockets and trapped undissolved materials that can enable bacteria growth. With its standard sanitary clamp connection, the fitting is useful for attaching process system components to reactors and tanks in pharmaceutical and biotech industries.

U.S. Patent number 8,262,042 recognizes the unique aseptic flush-mount design of the TCI ClampConnect, which enables sight glasses, lights, rupture disks and instrumentation to be connected directly to the mounting connection at the process vessel, without the need for an intervening ferrule. In a closed process system, a section of pipe that does not have a flow through may prevent cleaning media from adequately penetrating the dead leg. By making it easier to use clean in place techniques, the TCI ClampConnect helps save users considerable time and cost.

The precision made fitting is available to fit connections ranging in size from ½-inch through 8-inches. Made of 316 stainless steel or other stainless steel alloys, it is electropolished to a hygienic 25 Ra finish. It is suitable for applications up to 100 PSIG at 400° F, depending on size and gasket material.

The fitting meets all ASME standards. Material Test Reports are provided for all parts. PED certified materials are available upon request.

For more information, visit <http://www2.ljstar.com//12112/2012-11-08/5pggg>.

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, Sight Flow Indicators, Sight Ports, Sanitary Clamps, Magnetic Level Gages and Gage Glass. Metaglas is the #1 selling fused sight glass, proven in thousands of installations around the world. Unlike some other sight glasses, it meets stringent DIN 7079 and DIN 7080 quality standards, and it is approved for USP Type I use. For additional information, or to request third-party documentation of standards compliance and product performance claims, 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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