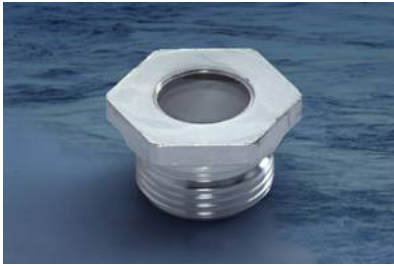


STAR-0149

Contact: Suzanne Horrigan

Standard Sight Glass Meets Tough Navy Specs



Twinsburg, Ohio – February XX, 2008 – The U.S. Navy has awarded L.J. Star a contract for 280 [sight glasses](#) used in sampling and testing equipment for oil analysis aboard a U.S. Navy fleet of noncombatant ships. L.J. Star's Metaglas® fused sight glass met specifications for maintaining 2600 psi operating pressure and including a snap ring that would contain a desiccant to detect process contamination.

Complying with these requirements was the easy part for the L.J. Star applications team since a standard Metaglas threaded sight glass can contain 2600 psi with plenty of capability to spare, and the inclusion of a snap ring to accommodate the desiccant would pose no problem. The challenge was that the spec also required documentation of testing to catastrophic failure – defined as the point at which the fused glass-metal junction separated and/or the glass failed, resulting in a pressure leak.

Though this is theoretically possible, when subjected to the greatest over-pressure available at the L.J. Star facility, the sight glass simply refused to fail. So, lacking a facility capable of such a test, L.J. Star agreed to provide five product samples to the Navy's prime contractor for independent testing.

Word came back a few weeks later approving the Metaglas sight glass as responsive to the specification *even though it had not been tested to catastrophic failure*. The testing engineer reported, "We have tested your sight glass. We attempted to take the unit to its burst pressure and found that our testing unit failed prior to your sight glass." The tested samples were later returned, undamaged.

After bid evaluation, the U.S. Navy awarded L.J. Star the contract.

To download high-resolution image, control-click <http://www.ggcomm.com/LJStar/Foto61.JPG> .

To obtain 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. Or visit our web site: www.ljstar.com/pubs/12.htm.

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. Metaglas is the #1 selling fused sight glass, proven in thousands of installations around the world. Unlike 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.