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## **L.J. Star Video Shows How Thermal Shock Can Be Avoided In Industrial Sight Glass Applications**

**Twinsburg, Ohio — September 13, 2011 — L.J. Star Inc.**, the leading provider of process observation equipment, announced a video that dramatically demonstrates the dangers of using a [sight glass](#)

product that does not have thermal shock capabilities.

In just over a minute, the video shows what can happen when soda lime glass is exposed to thermal shock. It may shatter violently, creating a catastrophic failure and extreme safety hazard. On the contrary, L.J. Star's Metaglas® fused sight glass is made of borosilicate glass and, because it expands and contracts less with temperature fluctuations, it is far more thermal-shock resistant in industrial applications than soda lime sight glasses offered by other companies.

The Metaglas sight glass is made by fusing borosilicate glass to a duplex stainless steel ring in a unique manufacturing process that puts the glass into high compression. The result is a sight glass that has been described as having the transparency of glass with the strength of steel.

In addition, L.J. Star's Metaglas® fused sight glass is corrosion resistant, USP Type 1 compliant, and can withstand higher temperatures than sight glasses made of soda lime glass. These features are important for a clear view of processes, pharmaceutical and parenteral applications, steam-based cleaning, and long service life. Proven in thousands of installations, Metaglas is the #1 selling sight glass in the world.

See this demonstration online: <http://www.youtube.com/watch?v=67u8digaRkw>

To download image, control-click: <http://www.ggcomm.com/LJStar/ThermalShock.jpg>

### **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](mailto:view@ljstar.com). Website: [www.ljstar.com](http://www.ljstar.com).

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