



## Press Release

### **LifeGuard Technologies Receives New Patent**

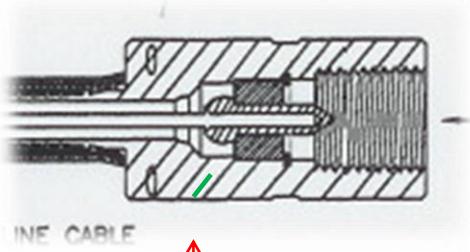
Springfield, Pennsylvania, February 26 2014 - LifeGuard Technologies is pleased to announce that the United States Patent Trademark Office has awarded it a new patent with four significant claims. The technology covered by this new patent includes the LifeGuard Tri-Bolt Breakaway System and its LifeGuard Safety System “Safe Back Check” as well as a safety hose design modification that will obviate the possibility of adiabatic compression in Lifeguard or Smart-Hoses.

Specifically, in the incident depicted in these pictures, a safety hose made by another company hose was subject to extremely high oxygen flow without a heat dissipater and the constriction of the plunger close to the seat facilitated an adiabatic flash.

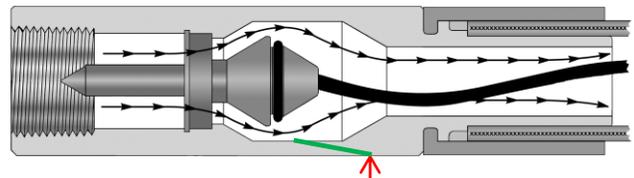


The new design specifically modifies our original design by addressing the possible consequences of heat buildup by relocating of the internal plunger away from the seat and increasing the internal surface area thereby eliminating the risk zone of adiabatic compression.

In the picture below you can see how the fitting length has been significantly increased and the plunger has been moved away from the seat expanding the distance away from the point of excessive heat.



Original design with heat buildup area existing



Original design with heat buildup area expanded

**What does this Patent mean in practical terms:** While the new and old designs were tested by independent facilities and passed the adiabatic compression test, the improvement provides an additional degree of safety. In essence, if a customer is using the older design offered by us prior to 2010 or others they are not affording themselves the greatest degree of protection.

Andy Abrams, Executive Vice President, stated, "LifeGuard Technologies wide range of technologies covered by awarded and pending patents, replace our original now superseded designs and represent the prospect for a greater degree of safety in the fluid transfer industry."

**About LifeGuard Technologies**

LifeGuard Technologies is formed to take the next steps by providing, on a geographical basis, reliable, readily deployable and cost effective improvements in industrial safety. As the name declares we are a Global Company that is based upon the extensive experience of its founders and joint venture partners and believes that significant and measurable enhancements to industrial safety are achieved with deployment of "passive devices". The essence of our mission is to increase the safety of all operations and facilities through the deployment of systems such as the "LifeGuard Safety Hose" and others. For more information please contact: [Info@Lifeguard-tech.com](mailto:Info@Lifeguard-tech.com) or [WWW.THESAFESTHOSE.COM](http://WWW.THESAFESTHOSE.COM)