



## **Additional Instructions for "CE" Marked Products – PRO+ Family**

**OVERVIEW:** The information listed in this document must accompany the Installation Instructions for the OSECO Product Lines approved for the CE symbol. This information will address the possible residual hazards of OSECO's approved products in accordance with the requirements of the PED and EN ISO 4126-2.

### **PRO+, Reverse Acting, Compression Loaded, Rupture Disk in Flat Seat Holder (PRDI/PRDH)**

This product line is not considered a fail-safe rupture disk design. Great care must be exerted to properly install the rupture disk in the holder and install the holder correctly in the piping system. This rupture disk design has a ratio of no less than 3.0 for the conventional burst pressure (tension) over the reversal pressure. Thus, caution must be exercised to achieve a correct installation of this rupture disk and its associated holder.

Damage to this rupture disk design, i.e., some object impacts the rupture disk dome changing the stress resisting characteristics, will alter the name plate burst pressure rating. Examples of this type of damage are placing the disk dome down on a work surface, resting hand tools on the disk dome, dropping the disk on the edge, forcing the dome into the inlet instead of placing the outlet over the dome, etc. These examples are listed for illustration only and do not preclude other similar actions during handling of the PRO+ disk. These actions cause the disk to burst lower than the name plate rating.

The PRO+ rupture disk is a non-fragmenting rupture disk because of the scoring technology utilized in fabricating this rupture disk. Service life for the PRO+ rupture disk is defined as the number of cycles achieved from atmospheric pressure to ninety five (95) percent of the disk rated pressure. PRO+ rupture disks will cycle approximately 1,000 times between the pressure limits illustrated above.