

For long term storage Pulsation Dampers, Thermal Expansion Compensators, Surge Absorbers & Accumulators units must be stored in such a way as to prevent mechanical damage to the shell and branch connections.

If the unit is to be put into storage for a period of more than 6 months it is advisable to release its gas pre-charge, however where units have a pre-charge exceeding 320 bar g the gas pressure should be released when it is put into storage for a period of more than 2 weeks. To release the gas pre-charge refer to CA-7 Charging Instructions.

Store away from extremes of temperature, bladders and seals may be manufactured from elastomers, which could suffer degradation at temperatures below minus 10°C or above 90°C.

If the unit has been in use prior to storage then the bladder should be removed and cleaned of any process fluid.

Spares Kits should be stored in a dark place in their original packaging away from:-

- 1. Extremes of temperature
- 2. Direct sources of heat.
- 3. Humid conditions which may cause condensation.
- 4. Equipment generating ozone ie. Mercury and high voltage equipment.
- 5. It is recommended that contact between rubbers of different compositions be avoided.

## 1. Approvals

Prepared By: <u>A. Hay</u>	Title: Works Manager	_Date: <u>08 June 2007 .</u>
Reviewed By: <u>G. Lowndes</u>	_Title: Senior Design Engineer	_Date: <u>08 June 2007     .</u>
Approved By: G. Lowndes	Title: Senior Design Engineer	Date: 08 June 2007