DO NOT REMOVE THIS TAG!

Spence Pressure Relief valves are safety devices designed to protect pressurized vessels, lines or systems during an overpressure event. The recommendations below are general and it is the responsibility of the user to assure that installation and maintenance are in accordance with the applicable ASME Codes and local requirements. Neither Spence Engineering Co. nor its agents assume any liability for valves improperly installed or maintained. **Alternate European languages per Directive 97/23/EC (PED) are available through our website www.spenceengineering.com or from our local representatives.**

GENERAL RECOMMENDATIONS
It is solely the responsibility of the system designer and the user to select products and materials suitable for their specific application requirements (including but not limited to set pressure/temperature and fluid service) and to ensure proper installation, operation, and maintenance of these products. See Safety Relief Valve Designer's Guide for applicable pressure/temperature limits. Assistance shall be afforded with the selection of the materials based on the technical information supplied to Spence Engineering Co. Applicable codes, material compatibility, product ratings and application details should be considered in the selection and application. Improper selection, application or use of the pressure relief valve can cause personal injury or property damage. If the product is intended for an application or use other than originally specified, the system designer and or user must reconfirm that the selection is suitable for the new operating conditions.

INSTALLATION
1. Qualified service personnel must perform installation only.
2. The operating pressure of the system should be a minimum of 20% or 10 PSI, whichever is greater, below the set pressure of the valve.
3. Do not plug or cap any drain or vent openings.
4. Make sure the system is clean and free of any dirt, sediment or scale that might become lodged on the valve seat.
5. Valves must be installed in an upright position with the spindle vertical.
6. Valve outlet should be piped to a safe area due to the discharge of high-pressure fluid during operation. Reference the ASME Power Piping Code B31.1
7. CAUTION: The piping system must be adequately designed and supported to prevent extraordinary loads to the pressure equipment.
8. Discharge lines shall be no less than the full area of the valve outlet and be as short and direct as possible.
9. The discharge lines shall be designed to prevent liquid from collecting back in the valve and a Spence Drip Pan Elbow should be used when applicable.
10. Apply a small amount of sealant only to the male threads and tighten the valve by hand. Use the proper wrench on the hex area of the base, taking care not to use excessive force during tightening.

MAINTENANCE
1. Valves are set and sealed to prevent tampering. If wire seal is broken, the valve is unsafe and should not be used. Guarantee is void if any seal is broken.
2. The valves should be checked periodically to see that they are not clogged or seized due to dirt or other foreign matter and that they will operate satisfactorily.
3. Valves may be manually operated by means of the lifting lever only when the system pressure is at least 75% of the nameplate set pressure.
4. WARNING: Operation of the pressure valve involves the discharge of high pressure and/or high temperature fluids. Suitable hearing protection should be worn and hands must be kept away from discharge.
5. The setting adjustment or repair should be done only by a Spence Authorized repair facility. Contact the factory for your local repair facility.
6. WARNING: Injury or death can occur due to failure to completely isolate valve from all sources of pressure before beginning disassembly. Do not proceed until valve has been completely isolated from process stream and vented to atmosphere.
7. Only original, unmodified Spence parts should be used to assure safe and proper operation.