



Installation

Pipeline dirt can damage the safety valve. Ensure the pipeline is clean before installing the valve vertically, preferably a high point in the line.

During installation ensure that the spindle (6) is not allowed to turn as this can cause damage to the lapped faces and cause valve to leak.

Safety warnings

- Before stripping the valve it should be totally isolated from any pressure in the pipeline.
- Ferrules c/w lead seals and wire are fitted directly under the crosshead to maintain the factory setting of the valve – if these are missing then the safety valve set pressure should be verified before using on the system.
- Process fluid can escape from the floating cover on gas and steam duty, therefore adequate precautions should be taken to prevent personal injury / damage to equipment.
- The valve may be heavy so care should be exercised when lifting the valve – check mass of valve before any attempts to lift it are made.
- Valve inlet and outlet ports are blanked off when leaving the factory – these coverings should be left in place until valve is ready to be fitted to the pipeline.
- Care should be exercised to ensure that no blockages of the inlet port can occur during fitting as this could render the valve inoperable or impair it's performance.
- The valve may discharge unexpectedly and therefore it should be approached with extreme caution whilst it is subjected to system pressure.
- The valve may get hot during operation and therefore care should be exercised if working close to it.
- When fitting the valve to the line, ensure that the valve spindle is not rotated as this will cause damage to the valve faces and cause the valve to malfunction.

Before any work is carried out on the valve ensure that the valve is totally isolated from any pressure in the pipeline. Do not attempt to strip valve without first relaxing the compression on the spring.