



SAFETY RELIEF VALVE CHECKLIST

Information required to properly size a Safety Relief Valve.

- 1) Media (Steam, Air/Gas or Liquid)
- 2) If Steam – Is it on a Fired Vessel (ie. Boiler) ASME Section I?
Is it Unfired (ie. Steam Line) ASME Section VIII?
If Liquid – Is it Code or Non-Code Liquid?
- 3) Size – What Inlet Size is Required?
- 4) Set Pressure – What Does Customer Want Valve Set At?
MAWP (Maximum Allowable Working Pressure of System)
- 5) Relieving Capacity Required
 - Steam will generally be in lbs/hr
 - Air/Gas will generally be in SCFM
 - Liquid will generally be in GPM
- 6) Temperature – Maximum Temperature for Application
- 7) Material – Valve Material
Gasket or “O” Ring Material
- 8) Factory Specials (ie. Connections, Special Trim Materials and Elastomers)
- 9) Documentation – Functional Test Reports, Certificate of
Conformance/Compliance, CRN Cert etc.