**Challenge**

**Background**
Critical valves were blowing out the packing twice a year during startups and shutdowns. In an application involving the sealing of extremely high pressure steam, this situation posed major safety issues as well as very high downtime expense.

**Associated Costs Included:**
- Online leak injection at $1,200+ per valve
- Forced outages
- Damaged motor actuator
- Valve repair after online injection: average cost of $12,000-$25,000 per valve

**Solution**

Install Chesterton’s Valve Sealing System which provides a precise system for predictable sealing loads and friction.

**System includes:**
- Chesterton 5300 Sealing Rings
- Chesterton Style One End Rings
- Chesterton 5100 Carbon Bushing
- Chesterton 5150 Live Load Assemblies

**Results**

**Improved Performance & Reliability**
- These crucial valves are now reliable
- Major safety and repair issues were eliminated
- The asset life of vital equipment has been greatly extended

**Savings**
The overall savings are considerable and the asset preservation, overall reliability, and reduction of forced outages are the real winning combination.

$=USD