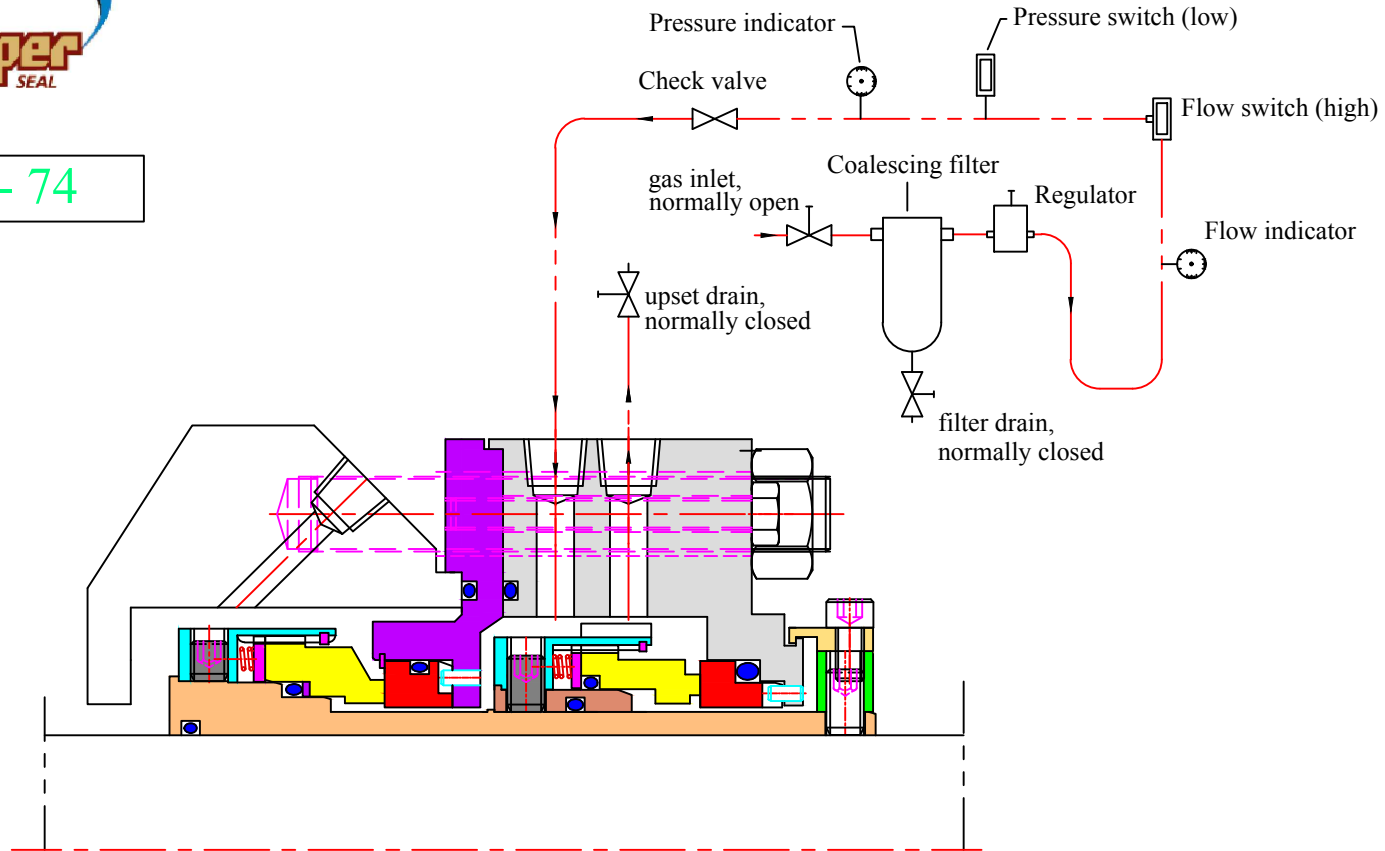




API PLAN - 74



- Double mechanical seal tandem arrangement
- Externally supplied buffer gas use to positively prevent process fluid from leaking to atmosphere
- Pressure of barrier gas is higher than process side of inner seal.
- Venting of the seal chamber may be required prior to start up and operation to avoid the collection of gas in the pump.
- Isolate process fluid.
- Zero process emissions.

- Used with double unpressurized containment seals
- High vapor pressure fluids, light hydrocarbons.
- Hazardous /toxic fluids.
- Services that do not tolerate liquid barrier seals.
- Clean, non-polymerizing fluids.
- Moderate temperature fluids.