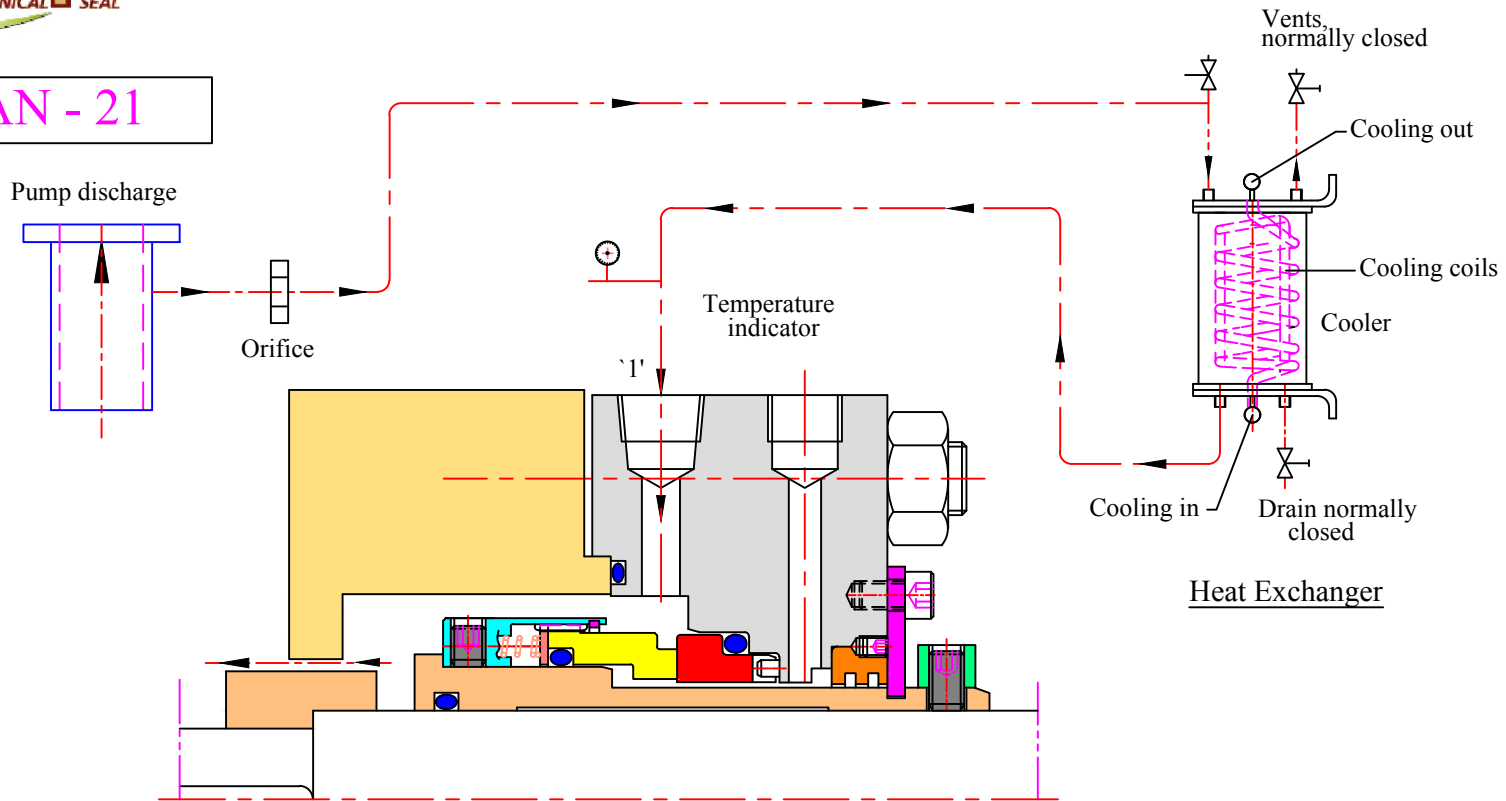




API PLAN - 21



- Recirculation from pump discharge through flow control orifice and heat exchanger, then into the seal chamber
- Cooler added to Plan 11 flush increases heat removal.
- Seal cooling
- Reduce fluid temperature to increase fluid vapor margin
- Reduce coking.
- Connection '1' for flushing inlet.
- High temperature service, typically less than 350°F (177°C)
- Hot water over 180° F (80° C)
- Clean, non-polymerizing fluids.