## **PLAN 23**

## **Cooled Seal Recirculation**

- What Cooling provided to the seal chamber using an internal pumping device on a single seal. The fluid passes through a heat exchanger and returns to the seal gland. Considered a closed-loop system.
- Why To lower the sealing temperature at the seal faces without increasing pressure. Limits vaporization at the seal faces.
- When Hot applications that exceed vapor pressure. Better on process fluid with solids compared to Plan 21.



## KEY



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