

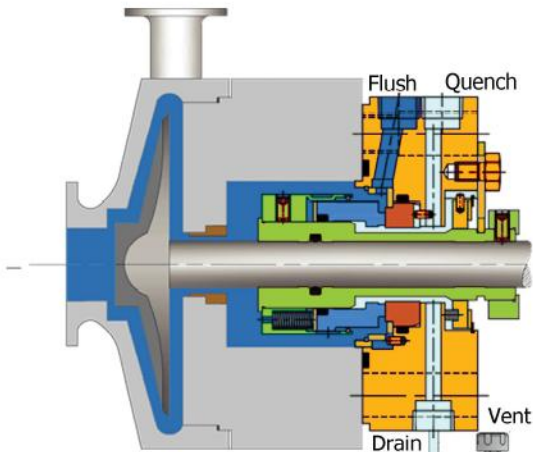
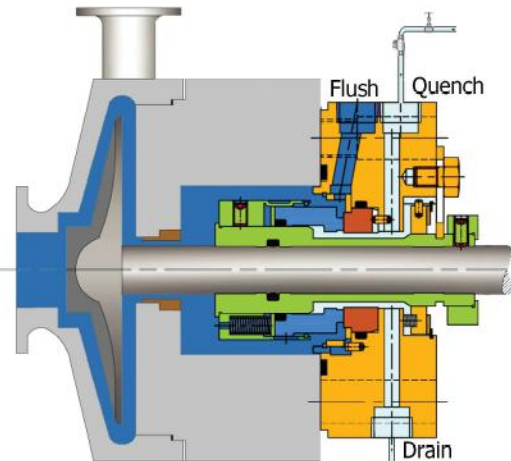


MECHANICAL SEAL PIPING PLANS

QUENCH SEAL PIPING PLANS

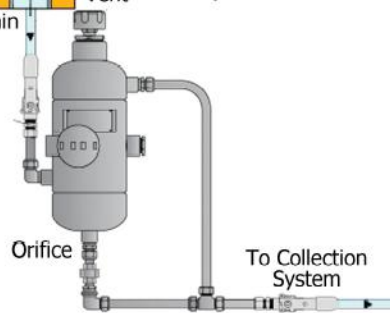
PLAN 62

Quench stream is brought from an external source to the atmospheric side of the seal faces. It is used in selected single seal applications to exclude the presence of oxygen to prevent coke formation (hot hydrocarbon services) and to flush away undesirable material buildup around the dynamic seal components (caustic and salt services).



PLAN 65A

Atmospheric leakage collection and detection system for condensing leakage. Failure of the seal will be detected by an excessive flow rate into the leakage collection system. This plan is used when pumped fluid condenses at ambient temperatures. Seal leakage detection piping plan normally used with Arrangement 1 seals where leakage is expected to be mostly liquid (not gas).



PLAN 65B

Atmospheric leakage collection and detection system for condensing leakage. Failure of the seal will be detected by a cumulative leakage into the system. This plan is used when pumped fluid condenses at ambient temperatures. Seal leakage detection piping plan normally used with Arrangement 1 seals where leakage is expected to be mostly liquid (not gas).

