

Leakage collection and detection system (Plan 75)

DESCRIPTION

Collection and leakage control system, for process fluids having mixed phase in contact with the atmosphere, used when reducing emissions level to the atmosphere is a must. Used in combination with a dual seal (2CW-CS), where the outer back-up dry contacting seal is equipped with Fluigrad technology. Gaseous leakage is taken to the gas recovery system (usually represented by the flare), while liquid leakage is collected into the tank. Flushing plan that can be used in combination with Plan 72.



API PED

CONSTRUCTION FEATURES

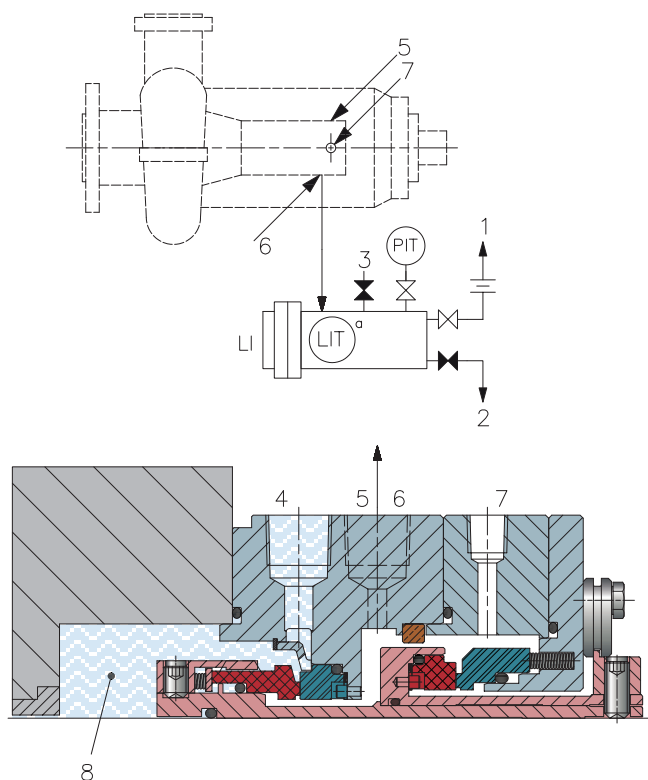
- Tank material: AISI 316.
- Level indicator availability, for local control by operators.
- The pressure transmitter detects any abnormal gas flow rate, indicating any critical points in the seal operations.
- Level transmitter indicates the presence of excessive liquid in the tank.

MAIN FUNCTIONS

- Reduction of process fluid leakage to the atmosphere.
- Alternative to dual mechanical seal and reservoir (i.e. Plan 52).

CAUTION!

The tank must be placed at a lower level than mechanical seal drain connection.



- 1) To the gas recovery system
 - 2) To the liquid recovery system
 - 3) Test connection
(If specified)
 - 4) Flushing (F)
 - 5) Containment seal vent (CSV)
 - 6) Containment seal
drainage (CSD)
 - 7) Buffer gas inlet (GBI),
plugged if not made with
PLAN 72
 - 8) Stuffing box
- LI) Level indicator
LIT) Level transmitter with display
PIT) Pressure transmitter with display
(a) If specified