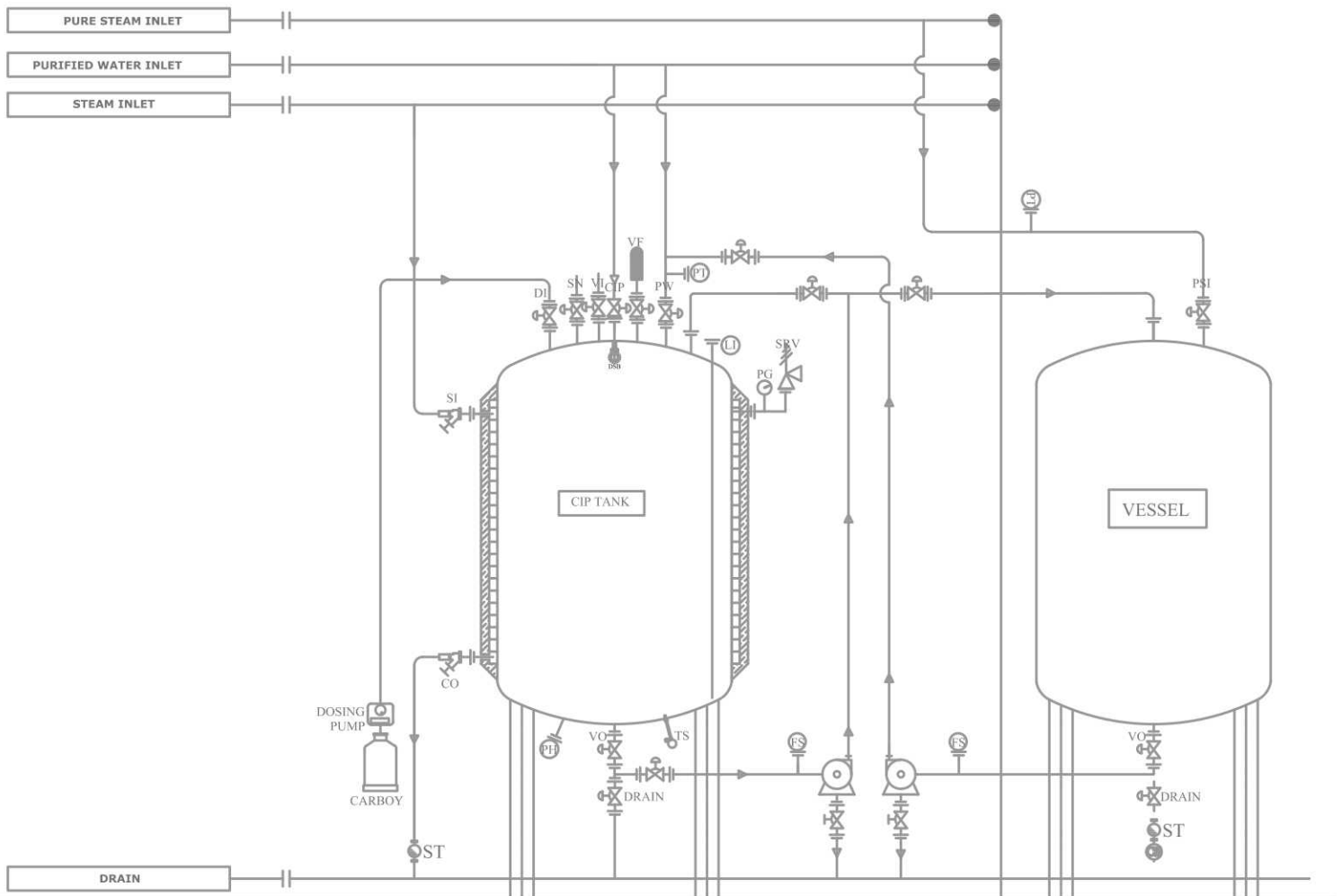


# SKLEANPROSERVE

CIP (Cleaning in Place) SIP (Sterilization in Place)



CIP (Cleaning in Place) /SIP (Sterilization in Place) is an important part of the SK Pharma Machinery construction and development and is standard for all SK Machines.

A machine execution without dead areas and the avoidance of narrow gaps, screws, studs, seals and O-rings are special characteristics of the SK Pharma Machinery machines. Minimized maintenance and optimized cleaning is the result. Many innovations are developed from this aspect only.

CIP/SIP is a permanent element of the SK research and development



# CIP/SIP System



## Key Features :

The washing cycles are programmable and generate a validated cleaning in place cycle. The cycle steps are as below:

- Hot RO water rinse and drain
- Hot RO water recirculation and drain
- Hot Alkali recirculation cycle and drain
- Purified water recirculation and drain
- Acid recirculation cycle and drain
- Purified water recirculation and drain
- WFI wash and drain.





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