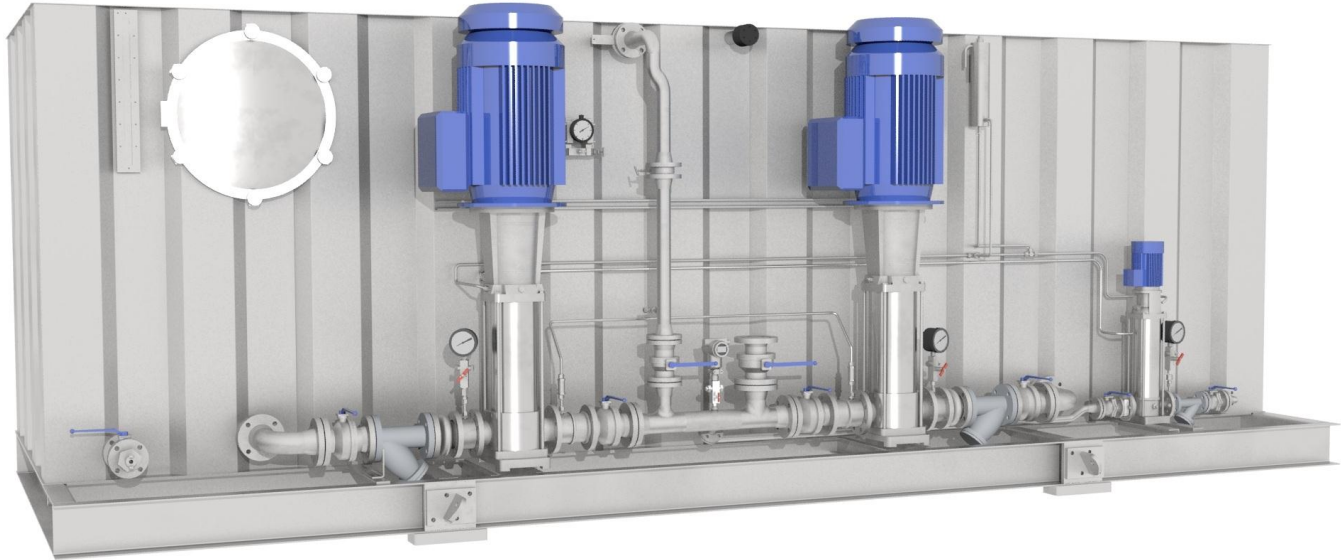


## Central Foam Skid CFS-01



### PRODUCT DESCRIPTION:

#### DESIGN LAYOUT:

Centralized Foam Skid with foam two compartment foam tank, electrical foam pumps and complete valve arrangement  
Two foam outlets

#### STANDARD MATERIALS:

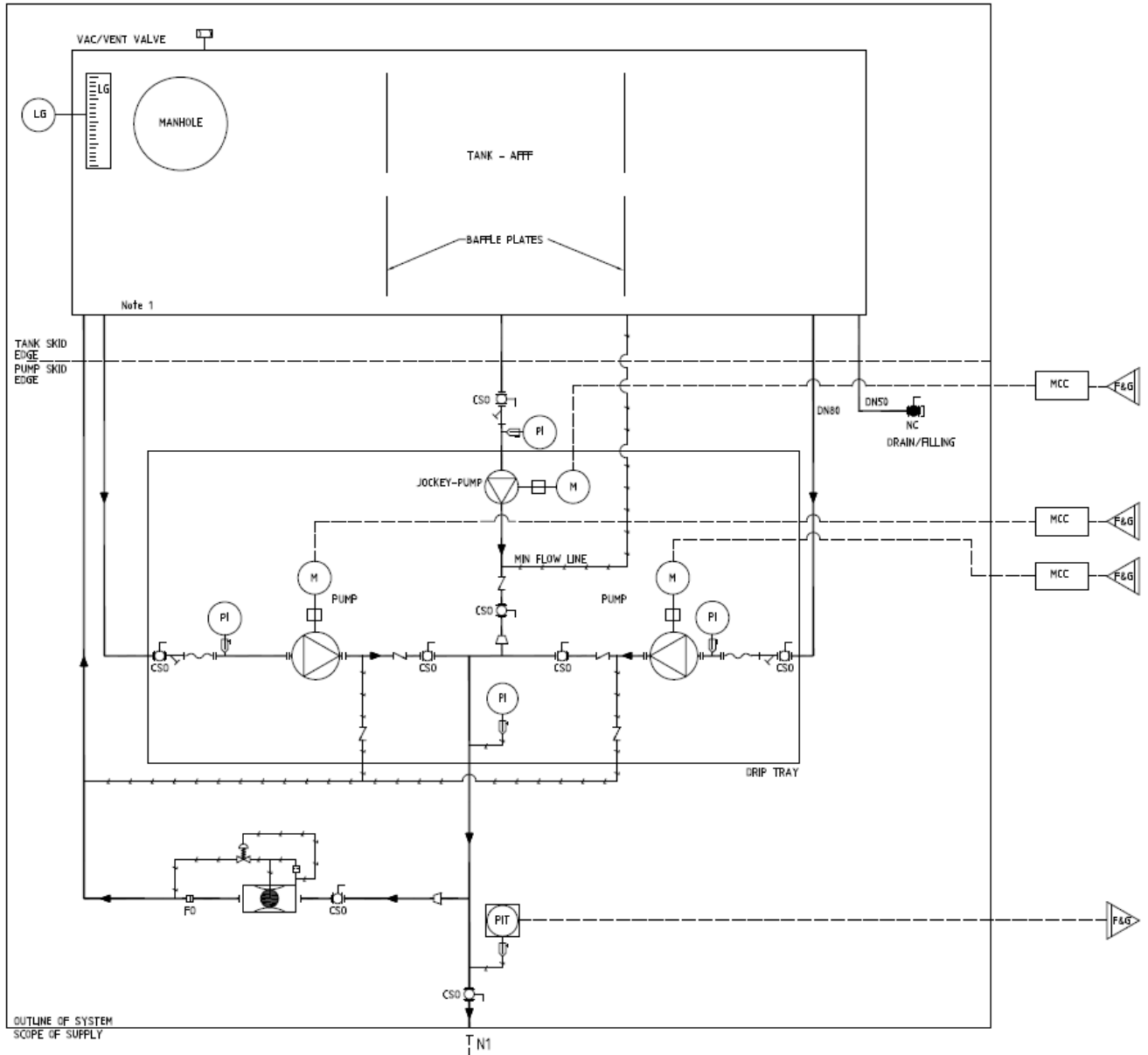
Skid:	AISI 316L.
Foam Tank:	AISI 316L.
Foam Piping/Valves:	AISI 316
Foam Pump & Driver:	AISI 316

#### WORKING PRESSURE:

20 barg

# Central Foam Skid CFS-01

System logic drawing (typical)



## Central Foam Skid CFS-01

### DESCRIPTION

The Central Foam System is a system consisting of a foam tank reservoir and a foam pump set, which is feeding pressurized foam liquid into a piping distribution system. This piping distribution system can be connected to all foam consuming products, like deluge skids, monitor skids, hydrants, hose reels etc. The foam liquid used will normally be an AFFF type foam liquid, which may, or may not be part of the package supply.

Some equipment like chemical injection packages, methanol tanks, and other equipment containing alcohols, will have to foam supply from a different source, as these units requires Alcohol resistant foam liquids.

Central Foam Systems are designed to project specifications for each project.

The size of the foam tank is designed based on the largest firewater scenario, and on the minimum operation time defined by project specifications. The shape of the foam tank can also be designed based on available footprint and height restrictions for each project.

The system logic shown on above sketch is a typical design, and shows a system with a 2 x 100% foam tank with 2 off foam pumps, plus a jockey pump which will keep the piping distribution system liquid filled and pressurized at all times.

The system incorporates minimum flow valve arrangements to protect the pumps, necessary isolation valves, strainers, gauges and instrumentation.

The foam pumps could be the centrifugal pump type, or it could be a positive displacement pump.

The foam pumps are supplied according to Clients Specification in terms of Voltage and Ex-rating.

Perfection  
through  
Experience



## Central Foam Skid CFS-01



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