



LYNN Engineered Systems

VACUUM PRIMING SYSTEM – SUPPLEMENTARY OPTIONS

PART 2 PRODUCTS

2.04 VACUUM PUMP PURGE CONTROL

Vacuum pumps are to be furnished with a purge control feature to automatically purge vacuum pumps of saturated process air. The feature is to include Electric or pneumatically operated isolation ball valves and an appropriately sized 2-way N.C. solenoid purge valve with snubber silencer all incorporated into the assembly piping.

With each vacuum pump cycle the isolation valve will open until the high vacuum cut-out is reached. The valve will then cycle closed and the solenoid will be energized for 10 minutes to allow purge air to run through the vacuum pump before shutting down. The isolation valves will then cycle closed ready to repeat once again when low vacuum cut-in is reached. System control is to automatically interrupt the purge cycle should a vacuum pump be called to operate, or a high water condition requires shut down of vacuum pumps.

2.05 CONTROL PANEL (addendum to specification for the control panel)

System control panel shall include components to automatically control the purge cycle.

2.07 CONSTRUCTION

All component valves and gauges shall be provided in brass or bronze construction. All interconnecting pipe and fittings shall be T304/304L SS.

2.08 SHOP PAINTING

Receiver tank exterior is to be primed and finished with manufacturer's standard enamel coating.