

(TO BE FILLED OUT BY OPERATOR DAILY)

Job Name:

Unit Model Number:

Unit Serial Number:

Two Weeks Ending (Insert Date):

Average Load (%):

Average Ambient Temp:

Day	Purge Tank Press. (mmHg)	Pressure Difference (mmHg)*	Purging Performed?	If so, purged down to (mmHg)	Operators Initials
Sunday					
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					
Saturday					
Sunday					
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					
Saturday					

The purge tank pressure (through VP2) must be monitored on a daily basis. Take the readings at the same time each day. Purging is required only when the tank pressure exceeds 60 mmHg. If purging is required, purge tank down to 30 mmHg.

Note: * The pressure difference column is the difference between today's pressure reading and yesterday's reading. It is this value that should be plotted in the graph below. If purging is required, log the final purge tank pressure in the column (If so, purged down to) above. It is this value that must be used to determine the following day's pressure difference.

Plotting The Pressure Difference Trend

1. Plot the pressure difference for each day above on the chart to the right.

2. Monitor the trend over time.

The trend should remain flat and in the gray area at full load operation. Flat trends above the gray area indicate small air leaks. Leak test using recommended Factory procedures.

If the trend increases gradually over time, the unit has developed a solution chemistry imbalance or small air leak. Take a solution chemistry sample and send to lab for analysis. Make correction as necessary. If trend falls into the shaded area after the chemicals have been added and stays there, the problem was simply related to solution chemistry. Otherwise, an air leak is present. Leak test the unit and repair immediately. If no chemical additions were necessary, an air leak is present. Leak test the unit and repair immediately.

If the trend increases very quickly, as in a few days, the unit has most likely developed an air leak. Leak test the unit and repair immediately.

