Installation

- Provide adequate support. Use rubber to inserts to grip the end caps without excessive clamping force.
- Do NOT use as a pressure vessel.
- Check that acorn nuts top and bottom are tightened evenly as they may have loosened in transport.

Operation

- Ensure that the pump is primed and there are no air entrapments in the pump suction side.
- Fill the calibration column to the top mark by either:
  - Isolating the line between tank and column and manually filing the calibration column from the top.
  - Opening the line (Open Valve B) between the tank and the calibration column and allowing the tank to fill the calibration column. Take care that the calibration column cannot over flow.
- Isolate the line between the tank and calibration column (Close Valve B).
- Open the line (Open valve A) between calibration column and the pump.
- Start a pump and a stopwatch simultaneously.
- After 1 minute stop the pump, and from the calibration column read the mL's pumped out over the minute. This is the pump rate expressed in mL/min.
- Divide by 1000 to convert this to L/min and then multiply by 60 to convert to L/H.

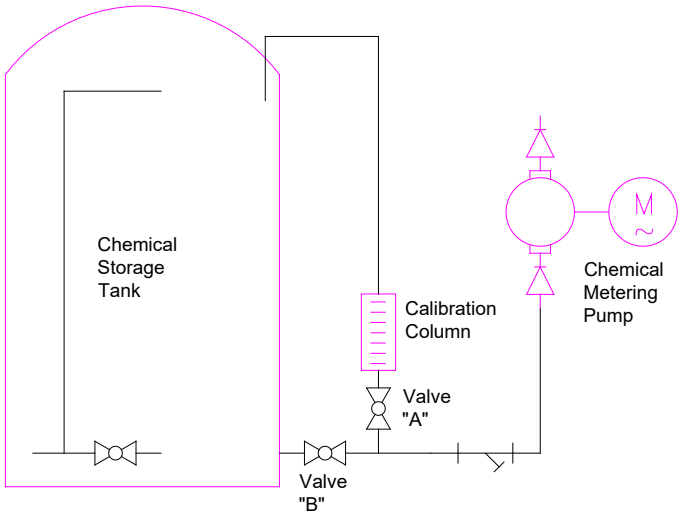

Figure 1: Typical Layout