

Monitoring vacuum in chemical tanks

APPLICATION C119

Type of Company: [Chemical Plant](#)

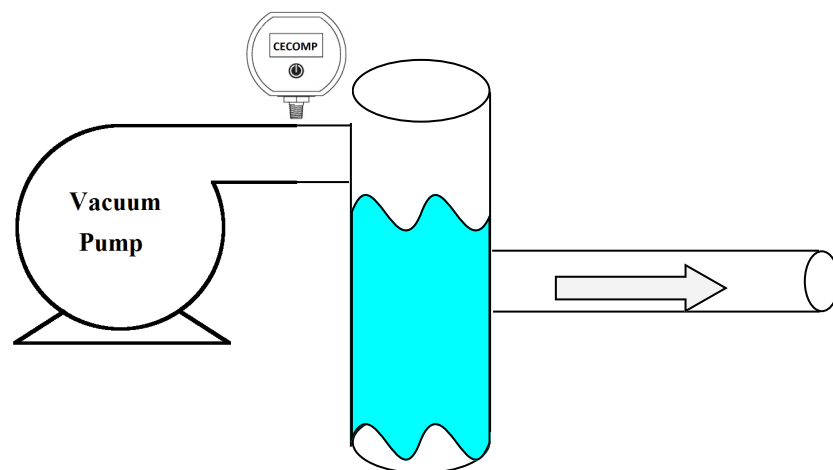
Location: [Oregon](#)

Most organic solvents manufactured in the pharmaceutical industry are flammable. Many of these solvents are volatile and give off “solvent vapors” that can explode in the air. During the process a vacuum is maintained on the tanks to reduce the “solvent vapors” in the air and to move chemicals into and out of the tanks.



The Engineering Issue

- The engineer has a requirement to monitor the vacuum level on the tanks
- Keeping the vapor level at a low value is critical to both personnel and plant safety



The engineer used a Cecom DPG2000B. The DPG2000B is intrinsically safe, accurate and is very rugged so reliability is not at issue.

Problem. Solved.