



APPLICATION STORIES

APPLICATION: PHARMACEUTICAL SOLVENT TRANSFER

The Boulder, CO Roche Pharmaceutical manufacturing facility uses a 3" air operated double diaphragm pump to transfer Methylene Chloride from an underground tank to various spots throughout the plant site. The diaphragm pump is ideal for this application because it creates enough vacuum to lift the Methylene Chloride 12' at an elevation of 5300' above sea level even when outside temperature reaches 90-100°F.

PROBLEM:

The reciprocating action of the pump causes the discharge pipe and other components in the system to vibrate and shift.

SOLUTION:

A BLACOH SENTRY IV pulsation dampener was installed at the discharge of the pump.

RESULT:

After the installation of the BLACOH pulsation dampener, the surge generated by the pump has been eliminated, thus reducing the vibration and need for extensive system maintenance.

SUBMITTED BY:

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