

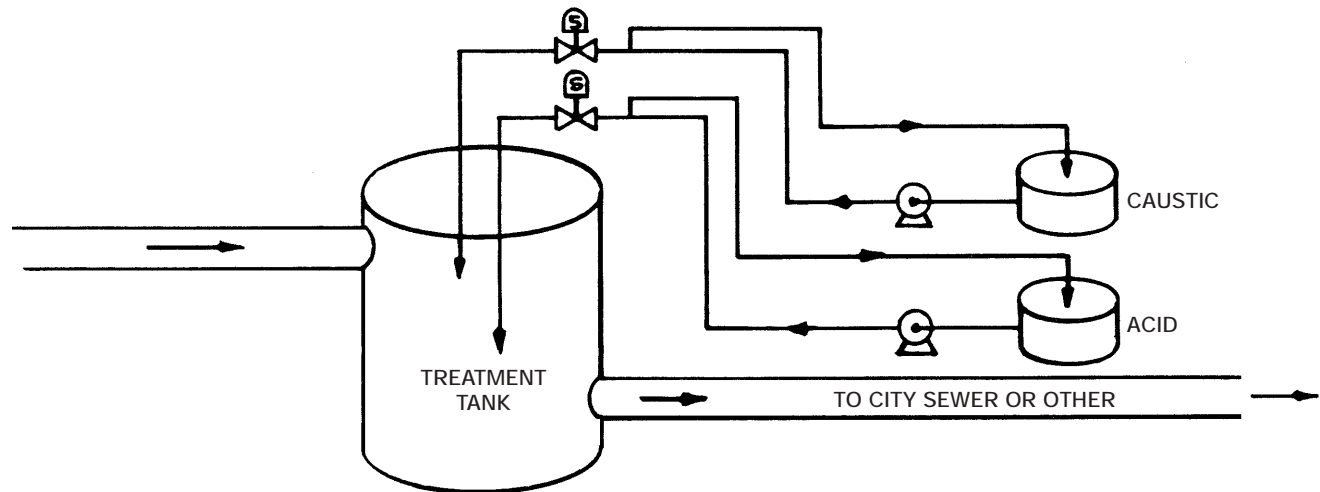
MARKET Chemical Feed – pH Control

PRODUCT(S) Series EASYM2V8W20-PV and EASYMD2EP14W20-PV Solenoid Valves

REQUIREMENT To provide instantaneous open/close with bubble-tight sealing of corrosive chemicals.

PROCESS FLUID(S) Sodium Hydroxide (caustic) 50% and Sulphuric Acid 93%

INLET PRESSURE/TEMPERATURE 30 PSI



In typical industrial wastewater treatment systems, the effluent from the manufacturing area is transferred to the treatment tank where either a caustic base to raise pH or acid to lower pH, is injected to bring the pH into acceptable environmental levels. Direct acting solenoid valves are selected (Viton for acid, EPDM rolling

diaphragm for caustic) due to their internal and external corrosion resistance, instant cycling and patented Fail-Dry sealing design which together provide for long cycling and reliable performance. Each pressurized feed line is tee'd off just prior to the solenoid valve to assure adequate chemical pressure at all times.