



Chemical plant, volatile chemicals, specialist pumps

“ The Almatecs are the best diaphragm pumps I’ve seen in action, over 20 years. Rock solid!

THE CHALLENGE

The customer, a large chemical plant in South Australia, was pumping an aggressive mix of chemicals and required a pump that could handle hydrochloric acid, sulfuric acid and kerosene. ‘Electric Driven’ was not an option given the volatile nature of chemicals being pumped.

THE SOLUTION

We investigated all the options of suitable pumps, within the client’s budget and selected a Wilden - Almatec, an air operated double diaphragm pump, in conductive ETFE construction, with PTFE elastomers. The pumps had to have electro static dissipative properties (ESD). ETFE was selected as the construction was conductive Teflon material and had Teflon elastomers with a diaphragm monitor system to enable the operator to monitor diaphragm wear and prevent a costly failure.

