



AERZEN

Compressed air, gas
and vacuum solutions

Aerzen USA
108 Independence Way
Coatesville, PA 19320 USA

Telephone: (610) 380-0244
Fax: (610) 380-0278
inquiries@aerzenusa.com
www.aerzenusa.com

Aerzen USA has had the privilege of working with BioChem Technologies on a number of occasions, both as a partnership and in parallel as two separate suppliers working for the same end user. In all of our working endeavors, BioChem has proven themselves as a resourceful and collaborative entity adding value beyond definition of the project scope.

BioChem's knowledge of plant operations, process control and blower technologies aids in their ability to create intuitive and user friendly control systems. Not only are the control interfaces easy to use, it is supported with highly detailed project specific operations manuals and tailored onsite training. The systems are robust and take into consideration some of the specific challenges that might be faced by the plant.

One project in particular, Wailua, HI, Biochem had the foresight to install UPS provisions and a cellular modem for remote observation. This helped the plant to fine tune their process parameters that resulted unknown biological loading of the plant and recover from frequent power outages. Not having these devices in place would have added thousands of dollars to the project cost in the form of airfare, onsite time and potential discharge permit fines.

On another project Hornell, NY, which Aerzen and BioChem worked on separately, BioChem's expertise aided in assisting Aerzen to resolve issues with a newly installed protocol communication device. Although neither group had used the control before, BioChem's diverse experience enabled them to trouble shoot and successfully implement the protocol converter.

BioChem's applied control methods optimize the efficiency of the process and minimize operational costs. The Clinton, MA wastewater treatment plant overhauled the activated sludge process which included in the installation of Aerzen blowers and fine bubble diffusers coupled with a BioChem DO Control system. The implementation of this system and control method resulted in a 65% energy savings for the MWRA. In summary, BioChem is a leader in the industry for biological process control and optimization.

Sincerely,

Eric Bennett
Applications Engineer
Aerzen USA Corporation