



## BALCHEM CORPORATION

### Covington, Virginia

July 2012 – January 2013

\$6 Million Renovation/ Addition to  
Transform Existing Shell Building into State  
of the Art Production Facility

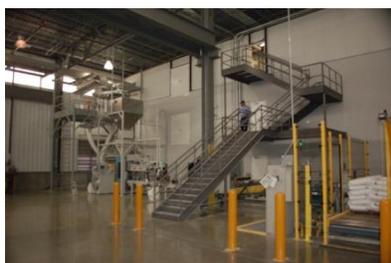


Balchem Corporation is an international, publically traded company specializing in, among other things, animal nutrition and supplements. After McKinney was contacted by Balchem about a new project, it became apparent that their immediate production needs were driving an aggressive schedule, while the scope of the project was still in the development stage.

The Client needed to expand production capabilities in the region with a new start up facility. The initial phase of the project involved designing and building a 15,000 square foot, three-story structure inside an existing shell building recently purchased by the Client. This internal structure would serve to house the core of the process operation, which consisted of proprietary equipment such as, mixing tanks, conveying systems, reactors and controls modules.

As this “shell” work was ongoing, the McKinney team of engineers traveled to the Client’s Missouri and Louisiana plants to fully understand the process requirements and determine the design strategies for the new operation. Working hand in hand with the Client’s production engineers, McKinney’s design team produced complete process design documents. A team was then assembled to begin construction of the \$5 million mechanical, electrical and pipe fitting scope. The project also included structures built to serve as mechanical and boiler rooms, tanks farms, as well as motor control centers. The process required completely automated central steam and chilled water plants.

McKinney delivered the project as a Construction Manager at Risk. Design for the process portion of the scope was released in mid July of 2012 and the Owner was able to meet their goal of start up operations on December 31, 2012.



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