

Catalent Pharma Solutions Steam Humidifier Addition



CLIENT PROFILE

Catalent Pharma Solutions is one of the world's leading drug development, delivery and supply companies for drugs, biologics, and consumer health products. The St. Petersburg, FL facility is Catalent's primary softgel manufacturing facility in North America and needed to more accurately regulate the humidity in one of their finished product staging areas. They would accomplish this by the addition of a new clean steam humidification unit. The challenge was that the legacy control panel could not support the new equipment to be added and installing a new panel affected other equipment that was controlling a live pharmaceutical manufacturing plant.

PROJECT HIGHLIGHTS

Thermo Systems was selected as the Control System Integration firm to help design and implement a solution that would be acceptable to both facilities and operations. A non-proprietary Allen Bradley CompactLogix PLC based solution was selected consistent with the plant's BAS hardware standard. To minimize operational disruption, Thermo Systems designed, built, and tested the new panel offsite and then worked closely with the owner's engineering staff to plan the system cut-over and start-up during a very narrow plant shutdown window.

RESULTS

Leveraging a team of experienced automation and HVAC engineers, Thermo Systems provided a seamless turnkey installation that had no effect on the existing manufacturing operation. The owner was able to resume normally-scheduled production with new equipment which enabled them tighter control over the product environment. Overall, the addition of the humidifier by Thermo Systems created the clean steam necessary to expand Catalent's product manufacturing capacity.

TECHNOLOGY HIGHLIGHTS

- Allen Bradley CompactLogix PLCs
- Allen Bradley PanelView Plus
- Iconics SCADA

For more information about Catalent Pharma Solutions, visit www.Catalent.com/Softgel