

PROJECT PROFILE

Owner:

Bayer Corporation.



Bayer

Project Name:

Building B81 Fill Finish Facility

Project Location:

Berkeley, CA

Technical Summary:

The new Building 81 Fill Finish Facility at Bayer consists of a single fill line and associated process utilities. The control system combined an ABB DCS system, Allen-Bradley ControlLogix PLCs, and Siemens PLCs.

Scope Responsibility:

The project consisted of creating FRS, SDS and STP documents for the Fill Finish Facility control systems delivered with skidded equipment. The systems control the WFI Still, Pure Steam Generator, Autoclaves, Lyophilizers, the CIP system, the automatic loading and unloading systems, Vial Riser, Tunnel Sterilizer, filling/stoppering equipment, plus the capping skids for a sterile Fill/Finish Facility. The control system consisted of seven skids with Allen-Bradley SLC 5/05 processors, and twelve skids with Siemens S7-300/400 PLC processors. Programming languages for the Siemens' controlled skids included ladder, STL SCL, and Graph.

Bay-Tec was also responsible for system construction and implementation inclusive of: instrument purchase, bench checks, control panel fabrication, instrument installation, loop checks and calibration.