

PROJECT PROFILE

Owner:

Bayer Corporation.



Project Name:

Building 59 Fill Finish Facility

Project Location:

Berkeley, CA

Technical Summary:

Build a new Fill Finish Facility building for Bayer. The system consisted of a single fill line and associated process utilities. The control system was a combination of ABB DCS system, Allen-Bradley ControlLogix PLCs and Siemens PLCs.

Scope Responsibility:

The project was creating FRS, SDS, and STP documents for Fill Finish Facility control systems delivered with skidded equipment. Systems controlled included WFI Still, Pure Steam Generator, two autoclaves, two lyophilizers including associated CIP and automatic load/unload system, vial rinser, tunnel sterilizer, filling/stoppering and associated CIP, plus two capping skids for a sterile Fill/Finish facility. The control systems consisted of seven skids with Allen-Bradley SLC 5/05 processors, and twelve skids with Siemens S7-300/400 PLC processors. Programming languages for 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.