



Project Profile:

Turnkey Process System

Owner: SUMCO USA

Location: Salem, Oregon and Maineville, Ohio

Evergreen Engineering completed a turnkey relocation project to move two slurry delivery systems from SUMCO's South Salem plant to their Maineville, Ohio facility.



Evergreen Engineering's scope of work on this project included:

- Detailed field verification of the existing system
- Development of detailed drawings and photos as well as written scope of work documents.
- Procurement of subcontractor bids in both locations.
- Development of a plan for labeling of components to coordinate with the drawings and scope docs to simplify installation.
- Oversaw demo, labeling, and shipping in Salem, Oregon.
- Oversaw installation, testing, and start-up in Maineville, Ohio.

Start-Up Services

- Obtained copy of existing PLC program
- Compared existing program to documentation
- Updated Sequence of Operations based upon actual PLC program and system changes.
- Developed OAT/FAT document to guide start-up process.
- Modified PLC program for system changes (reduced number of pumps, revised tank sizes, changed operating parameters, etc.)
- Installed revised PLC program at the Maineville site.
- Worked with plant engineers to take system through an Operational Acceptance Test and a Functional Acceptance Test.

Evergreen Engineering Performance

Not hindered by geography, Evergreen Engineering exceeded the client's expectations, who, in turn, can provide excellent references.