



Wells Fargo Smart Buildings

PROJECT TYPE

Prefabrication

ELECTRICAL CONTRACTOR

Facility Solutions Group (FSG)

FSG Prefab accelerated delivery and improved quality by using UL 508A–certified control panel manufacturing and LEAN-driven production.

Executive Summary

FSG Prefab holds a UL-508A Certification, which allows our team to manufacture industrial control panels that meet nationally recognized safety and compliance standards. This certification ensures proper component selection, wiring methods, and short circuit protection, enabling them to produce panels bearing the UL listing mark.

FSG Smart Buildings utilized FSG Prefabrication to manufacture their building automation control panels for Wells Fargo. Production began in January and quickly scaled to meet a goal of 100 units per week by early February. Under the leadership of Manager Nathaniel Kevresian and Master Electrician Pam Patten, the team applied LEAN principles to design efficient work cells, create smooth one-piece material flow, and eliminate process bottlenecks. Quality checkpoints, PDCA cycles, and 5S organization helped improve throughput and maintain consistency as production ramped up. Despite delays from back-ordered materials, FSG Prefab kept the workflow steady and on schedule.

Project Highlights

- Utilized FSG Prefab’s UL 508A Certification to manufacture industrial control panels
- Partnered directly with FSG Smart Buildings for large-scale panel production
- Scaled output to meet a goal of 100 units per week within the first month
- Built LEAN work cells to create a one-piece flow through the assembly line
- Implemented QA/QC checkpoints, PDCA cycles, and 5S organization to improve quality
- Used the DOWNTIME tool to reduce defects, inventory, motion, and over-production
- Maintained deadlines despite material delays through efficient workflow design