



Engineering/Design Capabilities

Tool Install Design

With over 20 years of experience in semiconductor tool install design, Evergreen Engineering's project teams have a high level of proficiency with 100mm through 300mm tools. Our knowledgeable staff of engineers will work together with you and your related staff to accomplish a united goal.

Scope of Work

- Layout, IE Assist
- Study
- Preliminary Engineering
- Detailed Engineering
- Construction
- Tool Installation
- Construction Management
- Construction Support
- Start-Up Services
- Validation
- Master Planning

Project Execution

- Project Process
- Scheduling
- Quality
- Change Control/Cost Control
- Status Reports
- Service During Construction (SDC)
- Project Close-Out

Functional Areas

- Thin Films
- Photo Lithography
- Etch
- Metrology
- Masking
- Epitaxial
- Demolition
- Relocation
- Process Ramps

Representative Projects

- P822 Pathfinding Tool Install
- P861 Process Conversion
- Fab 4-2 Ramp
- Test Floor Expansion
- Bldg 3 Technology Development Fab Tool Install
- RA2/D1C P1262 Tool Install
- Fab 15/15.5 Tool Demo
- RA2/D1C P1262 Sort Programming
- Bldg 3 75k WSPW Project
- Mod V Expansion
- Bldg 1 Bridge II Project
- Fab 15 Scrubber Upgrade
- Numerous Staff Augmentation Assignments
- Programming and TI Installation
- Fab 15/15.5 Subfab Cooling Detailed Design
- P854 Tool Install (BCD, PSSS)
- Fab 5/15 RCRA Solvent Improvement
- Fab 5 4.7k WSPW Conversion
- D1E (Fab 15) Conversion (Assist)
- Fab 5 P652 Conversion
- Fab 5 P650/651 500 WSPW Increase
- Fab 5 P650/651 Conversion