



Project management for facility redesign.

IET worked with Sampco Companies to design a new facility, implement lean manufacturing, eliminate unnecessary labor and minimize customer lead-time.

The Customer

Display board manufacturer for the building industry.

The Challenge

IET was charged with the design and implementation of lean manufacturing for a plant move. In addition, wasted labor was to be eliminated and customer lead-time minimized. A larger facility was also needed for storage requirements.

The Solutions

IET developed an accurate current facility layout for the client. Process cycle times were measured via time study, and process flows were documented. The new facility was field measured and drawn up in AutoCAD. Current processes were converted into a lean facility layout for the new location.

For increased storage needs in the new facility, new pallet racking was utilized and storage areas increased. IET obtained the contractor bids and coordinated modifications to the new building's physical structure (offices, work rooms, shipping docks, etc.) prior to the move. When the move was complete, IET monitored the implementation phase with plant personnel during start-up to ensure no customer shipments were missed.

The new facility produces 10% more product with 10% fewer direct labor staff. WIP inventories were greatly reduced and raw material and finished goods storage areas are more efficiently organized and used.

"IET put the design plan on paper then proved it would work by acting as project manager during the implementation. We moved to a larger facility across town and IET managed the move. They worked closely with contractors and our own personnel to ensure no customer shipments were missed."

Plant Manager

iet

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How can IET help you?

Any way you need us to.

Productivity

Current production standards

Current production performance

Detailed reasons for variances

Detailed plan for improvement

Goal-setting, accountability

Capacity planning

Key capital resources

Direct and indirect labor

Salaried personnel

Facilities

Support

New manufacturing

Detailed process map

Layout

Facilities

Labor

Support

Indirect labor design

Standards

Material handling

Supervision

Maintenance

Plan for improvement

Total value analysis

Make vs. buy

Site selection

Consolidation

Vertical integration

Horizontal integration