



Conceptual design implementation.

IET worked with Owens Corning in Virginia to develop and implement a conceptual design.

The Customer

A window manufacturer in Virginia.

The Challenge

IET was engaged to implement a complete synchronous manufacturing design concept (facility layout and manufacturing philosophy) for a window manufacturer located in Virginia.

The client wanted the resulting design concept to result in improved productivity.

The Solutions

After in-depth analysis of the existing production system, IET developed detailed manufacturing labor standards. IET's design concept resulted in reducing the amount of required floor space from 22,000 to 12,000 square feet, a 90% reduction in both work-in-progress and subsequent material handling requirements, and improved throughput time. The results:

Direct labor was reduced by 62%

Space utilization improved by 45%, permitting capacity expansion

Total capacity increased by 240%

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3539 Glendale Ave. Toledo, OH 43614
 419.385.1233 800.278.1031
 www.ieteng.com

How can IET help you?

Any way you need us to.

Productivity	Capacity planning	New manufacturing	Indirect labor design	Total value analysis
Current production standards	Key capital resources	Detailed process map	Standards	Make vs. buy
Current production performance	Direct and indirect labor	Layout	Material handling	Site selection
Detailed reasons for variances	Salaried personnel	Facilities	Supervision	Consolidation
Detailed plan for improvement	Facilities	Labor	Maintenance	Vertical integration
Goal-setting, accountability		Support	Plan for improvement	Horizontal integration