



When there's not enough time in the day.

So much to do and so little time. Sometimes, you do need an extra set of hands to get the job done on time. IET provided some "extra hands" with shop floor expertise to help its client meet a deadline with important financial ramifications.

The Customer

An automotive OEM assembly plant that was just about ready to ramp-up production of a newly introduced model.

The Challenge

In six weeks, the plant would be calling back workers on its second shift to begin the production ramp-up. Given the tremendous cost pressures in this business, the management team wanted only the minimum number of people necessary to assemble the new vehicle. The only way to do so was to use accurate labor standards to create a balanced work load. The plant industrial engineers had so much work on their plates that they needed someone else to develop standards using the approved pre-determined time study method MODAPTS. Within six weeks, 250 work stations needed to have standard work defined with accurate predicted times.

The Solutions

IET assigned four engineers to the task because the timeline was so short. Working as a team, these engineers took responsibility for separate work stations, yet collaborated with one another to take advantage of each person's unique strengths and ensure consistency. They reviewed progress daily with the client to stay on-target and resolve problems that could delay the effort. IET engineers recorded their results in the client's business system that maintained standard work assignments so it would be ready to use.

At the end of the project, the client had information that they could use to determine optimal manning levels for varied levels of production for each of the targeted areas.

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

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