



OEE Studies Tell the Whole Story

IET collected data to give accurate analysis of performance.

The Customer

Automotive transmission manufacturer

The Challenge

Provide OEE data to plant management in order to benchmark performance.

The Solutions

Our client is a world class manufacturer of automatic transmissions and transmission components. In the component manufacturing areas, management wanted to benchmark current performance levels. Overall Equipment Effectiveness (OEE) is an excellent overall indicator of performance because it measures availability, performance to standard and quality. IET engineers performed delay studies to measure downtime and could then calculate availability. IET also performed time studies to measure cycle times and compared it to existing standards. Defective parts were also counted to measure quality. The three factors were multiplied together to calculate OEE. Management was surprised to see OEE was lower than previously thought but the data backed up the results.

"IET spent a lot of time on the shop floor collecting data for the OEE studies. The results were hard to swallow, but the truth hurts sometimes. The data showed us where we need to improve."

Engineering 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

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