



Center for Industrial Research and Service

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Where you find solutions





Where you find solutions

Potential Plant Layout Project Evaluation

Do I really need to go to the time and expense needed to change the way this plant or department is currently laid out within the building?

Potential Plant Layout Project Evaluation

- Our experience has shown that in most cases the answer is in fact “No”, if the goal of the company is to make more money.
- A majority of companies can make a huge mistake because controlling the facilities or layout is a much easier prospect than trying to control the process used. (man, machine, method, material, and measurement)

If the goal of a company is to make more money then they realize that;

- The ability to increase the rate of product flow (throughput) has a much bigger impact on bottom line profits than the ability to cut costs (operating expenses).
- Like time, work tends to fill the space available.

What should I do?

“The significant problems we face today can not be resolved at the same level of thinking we were at when we created them.”

Einstein

Let's get a new level of thinking!

- Why do you think a new layout is needed?
 - New/increasing business?
 - The need for more machines, more people, or more storage?
 - The process currently used is inefficient or costly?

Let's get a new level of thinking!

- Based on the way you are currently operating do you suspect you might have under-utilized capacity to handle new/increasing business?
- If this capacity was utilized would it effect the number of machines, people, and space you need?
- Would the costs that you hope to save really contribute to increasing bottom line profits?

The answers rely on a deep understanding of the “process”.

- You may not understand your process if;
 - You have late orders,
 - You work too much overtime,
 - You can't accurately predict lead times,
 - You have scrap and/or rework problems
 - It appears that production is constantly in a state of chaos.

We want you to make more money!

- We will challenge the “way you think” about a potential plant layout project.
- We will question your motives on why you think it is necessary.
- We will drive you to a deeper understanding of your processes.
- If at that point, plant layout makes sense we have the tools and experience to help you through the process.

All our productivity improvement projects including plant layout include four phases;

- Determining what to change,
- Determining what to change to,
- Determining how to cause the change,
- Implementation of the change.