

## **What is a problem and when is a problem a problem?**

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The solution of technical production problems often leads to cost savings maximization.

Unsolved technical issues are common in production environment. Excessive variation related rework and rejects are avoidable and unnecessary business costs. Chronic production problems are like a leaky water faucets...the longer you postpone the more it hurts your bottom line.



Typically, minor issues turn into problems when either no one has a solution or most have some ideas, but no permanent fix. Fortunately, the solution to most such technical problems is obtainable by experimental studies that lead to maximizing target performance and reducing variability.

What are some of the opportunities for becoming a lean operation?

Among many activities for lean manufacturing two common areas include; 1. the cost savings by waste elimination and, 2. doing the most with current resources without additional spending.

Solving problems plagued by higher rejects and rework present great opportunities for saving costs. Technical issues involving production processes can be cost effectively studied using experimental method and find permanent cures.

Such effort brings immediate result that affects the bottom-line.

Doing most with what's given is like fine-tuning an engine to run smoothly while saving cost with fuel efficiency. The same way, product and process designs that are optimized to produce more with the same input, save costs.

When a design is optimized and made insensitive to the influence of uncontrollable variables in the early stages of the process development, significant savings can results throughout the life of the operations.

**Ask White Associates/Nutec with help on solving your technical problems and optimizing your processes.**

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