



## PRODUCT LITERATURE SHEET

### Creating a Lean Culture Training Module

This one day training module will help your company's employees discover the importance of creating a lean culture, thereby allowing your company to successfully compete in today's global economy.

Many companies fail in their implementation of lean or are not able to progress as quickly as they would like because they have not completed the steps needed to lay a solid foundation for their lean culture. Implementing lean the incorrect way and/or not properly training personnel can cause setbacks that may take years to overcome.

#### **Building a Solid Foundation**

This course is designed to help your personnel understand the basic concepts of one piece flow and continuous improvement. The program will enable associates to understand the changes that will occur as lean is implemented and discusses the steps that both the company and personnel can take to make these changes positive. Training at all levels of the work force is addressed in this training module.

#### **The Building Blocks Nu View Solutions covers:**

- Basic lean concepts
- Lean -What it is and isn't
- The effect of change on an organization
- The role of the individual responsible for implementing lean
- Motivating and training the workforce
- Creating flow within a plant and within an organization
- Creating pull between the warehouse and the factory
- The causes of waste, how to identify, and how to eliminate
- The role of the Visual Factory
- The development of a company's "Policy Deployment Matrix"
- Balancing all aspects of lean

**Please see our web site  
for the most current  
revision of the product  
literature data sheet**

#### **How to Order:**

Call Nu View Solutions to schedule an On-Site or Off-Site training program. Mention the product code below.

Product Code: T-L1-01-Creating a Lean Culture

*Taking You Further on Your Lean Journey*



## PRODUCT LITERATURE SHEET Kaizen Training Module

This one day training module will enable your company's personnel to get the most out of your kaizen events.

### SET YOUR ASSOCIATES UP FOR SUCCESS

Many Kaizen events held by different organizations have not had the gains that were hoped would occur. Many times the root cause of not making the expected progress in a kaizen event is because the company personnel were not properly trained in how to have an effective kaizen event.

In our course, we train your personnel how to go into a cell and document reality. We also help your personnel learn to define the goals and objectives for a kaizen event as well review how to select a kaizen team

Classic lean tools are covered such as time observations, standard work, standard work combinations sheets, etc. More advanced concepts such as level loading operator tasks and right sizing cells are reviewed as well. On the technical side, fixturing, hanedashi, poke yoke and quality are discussed .

The more your personnel are trained in how to have an effective kaizen event, the more quickly you will progress.

### This module covers:

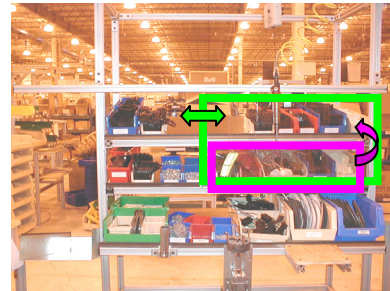
- Basic lean concepts
- One piece flow
- Documenting reality
- Time observations
- Spaghetti charts
- Standard Work
- Standard Work Combination Sheets
- Level loading cells
- Identifying waste and eliminating it
- U shaped cells
- Right sizing cells
- Selecting the team
- Setting objectives

Before



448 sq feet

After



346 sq feet

### How to Order:

Call Nu View Solutions to schedule an On-Site or Off-Site training program. Mention the product code below.

Product Code: T-L1-02-Kaizen

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**This module covers:**

- What is kanban
- Pulling versus pushing
- Kanban structure
- Types of Kanban
- Information to be put on Kanban card
- Material replenishment
- Right sizing cells
- Setting up raw material racks
- Determining raw material levels
- The effect of SMED on inventory levels
- The role of the water spider
- The Visual Factory and Kanban
- Grocery market versus line side
- Kanban for kitted parts

**How to Order:**

Call Nu View Solutions to schedule an On-Site or Off-Site training program. Mention the product code below.

Product Code: T-L1-03 Kanban

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## PRODUCT LITERATURE SHEET Kanban Training Module

This is a one day training module.

### KANBANS DONE EFFECTIVELY INCREASE PRODUCTIVITY

A Kanban or signaling system is one pillar of a lean process. An effective kanban system helps address three of the seven wastes in an organization: excess inventory, information flow, and over production.

Learn how to create pull or signaling systems that are based on customer orders being generated from the warehouse. Understand the relationship between an order placed at the warehouse creating a pull for a new part being made at the manufacturing cell. See how producing a finished product at the cell causes material to be pulled from raw material racks which in turn generates the need to order raw material from vendors.

Discover the importance of Kanbans and being able to supply the right material in the needed quantity to a production cell as set up times are decreased and more changeovers are done. Kanban methods for kitted parts are addressed as well.

The steps in setting up a Kanban system are reviewed and the criteria used to set up raw material racks, how much material should be kept at the cell, etc. is discussed.

Gain an understanding of the importance of making your Kanbans visual and the effect that visual information plays in the success of your lean manufacturing operation.



If you have started to implement flow in your lean processes and are starting to reduce your raw material levels, then your company understands the importance of being able to reduce your set up time so that you can run smaller lot sizes through each of your manufacturing processes.

**This module covers:**

- The effect of set up time on reducing inventory
- Set up reduction defined
- Single Minute Exchange of Dies –what it is
- The difference between internal and external set up
- Set up reduction techniques
- Use of sensors for quick changeover
- Design checklist for implementing SMED & set up reduction

**How to Order:**

Call Nu View Solutions to schedule an On-Site or Off-Site training program. Mention the product code below.

Product Code: T-L1-04 SMED

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## **PRODUCT LITERATURE SHEET** **SMED Training Module** **(Single Minute Exchange of Dies)**

This is a one day training module.

**USE SMED & SET UP REDUCTION TO REDUCE INVENTORY**

Converting from a batch operation to one piece flow allows your company to reduce work-in-process. Companies typically run batch operations because of their lengthy machine set up times and attempt to “spread” this set up time over many parts. This in turn drives up inventory.

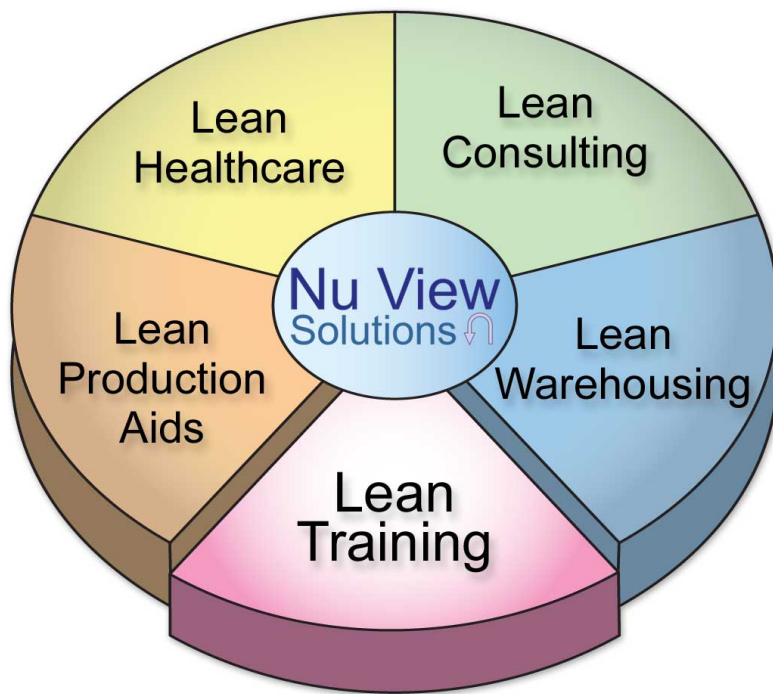
Use of Single Minute Exchange of Dies (SMED) and Set Up Reduction applies concepts that reduce the set up times on machines which allows a company to reduce the lot sizes it runs through its processes. This reduction in lot sizes allows inventory to be reduced as well.

This training will discuss the difference between internal and external set up. Nu View Solutions will also cover techniques used to help reduce set up time.

*Taking You Further on Your Lean Journey*

## PRODUCT LITERATURE SHEET

### Lean Tools and How to Apply Them



This is a one day training module.

**This module covers:**

- Using the 5Y's to determine root cause analysis
- The relationship of the 4 M's: man, materials, methods, and machines
- The value stream map (VSM)
- The seven wastes in an organization
- Safety and its relationship in a lean process
- Time observations and how to conduct them
- Standard Work Combination Sheets
- Standard Work
- 5S

**How to Order:**

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Product Code: T-L1-05 Lean Tools

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## PRODUCT LITERATURE SHEET TPM (Total Predictive Maintenance) Module

This one day training module will teach your maintenance and engineering personnel how to set up and implement a Total Predictive Maintenance program which will prevent your company from experiencing unwanted downtime.

If your company has started to implement flow in your lean processes and is beginning to reduce your raw material levels, then you understand the importance of ensuring that your equipment is in good working order. Unplanned downtime can affect your ability to service your customer.

**This module covers:**

- The role of TPM in your company
- How to establish a TPM program
- The role of 5S
- Use of a preventive maintenance software program
- Spare part standardization
- How to identify areas for process improvement
- Helping company personnel understand the importance of TPM

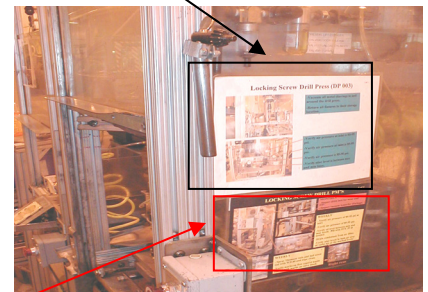
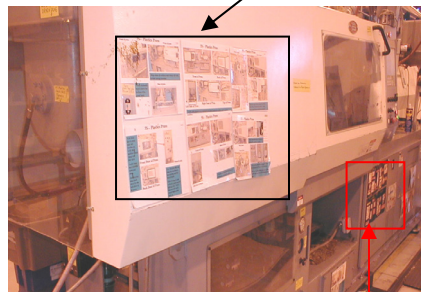
**How to Order:**

Call Nu View Solutions to schedule an On-Site or Off-Site training program. Mention the product code below.

Product Code: T-L1-06-TPM

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5S pictures



PM pictures