



Workplace Safety

## **Create a Visual Workplace With 5S Plus Lean Manufacturing**

Brought To You by Brady | Nov 17, 2020

Don't underestimate the importance of safety signage. In 2014 alone, there were over 33,000 violations reported in OSHA's Top 10 Most-Frequently Cited Standards. By using 5S Plus Lean Manufacturing to create a visual workplace, you can reduce waste, enhance knowledge and improve productivity. In this infographic from Brady, learn the steps you need to take to optimize your workplace.



# Create a Visual Workplace with "5S Plus" Lean Manufacturing

## What is Visual Workplace?

A lean concept that focuses on putting the right safety signs, procedures and facility identification where employees need them most.

It helps to:

<p><b>Reduce Waste</b></p> <p>Waste accounts for <b>95%</b> of all costs in non-lean manufacturing environments.</p>	<p><b>Enhance Knowledge</b></p> <p><b>75%</b> of knowledge is gained through visuals</p> <p><b>13%</b> through hearing</p> <p><b>12%</b> through smell, touch and taste</p>	<p><b>Improve Productivity</b></p> <p>Lean manufacturing practices can lead up to a <b>40%</b> increase in productivity.</p>
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Did you know? **78 MILLION** baby boomers are expected to retire over the next 10-15 years?

**Visuals help less experienced employees quickly and effectively learn the job.**

Knowledge-based visuals can include:

- Procedure labels
- Bilingual signs
- Pipe markers
- Safety signs
- Electrical disconnection labels
- More!

## How Do You Create a Visual Workplace with "5S Plus"?

"5S PLUS" GOES BEYOND 5S TO EMPHASIZE SAFETY.

- 1. SORT - Discard unused items.**

Red labels help you determine what supplies you need.
- 2. SHINE - Clean the facility.**

Shadowboards help store cleaning equipment.
- 3. SET IN ORDER - Establish standards.**

Pipe markers instantly tell you what you need to know about pipe contents.
- 4. STANDARDIZE - Create best practices.**

Lean Daily Management boards help track metrics and drive improvements.
- 5. SUSTAIN - Maintain momentum.**

One-point labels help employees remember an essential task.
- 6. (PLUS) SAFETY - Resolve safety hazards.**

Safety signs communicate potential hazards and how to respond to them.

## Don't underestimate the importance of safety signage.

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## Proven 5S Lean Manufacturing Success

Problem	Solution	Result
<p>A 5S rapid improvement event helped a manufacturing company identify <b>45 WASTED MINUTES</b> per shift searching for a tool.</p>	<p>1. Label tools according to work cell.</p> <p>2. Create a mobile cart with shadowboards to store tools.</p>	<p>• Improve productivity to add <b>1 MILLION PER DAY IN REVENUE</b></p> <p>• Average <b>\$60,000</b> saved monthly in tools costs.</p>

Download a PDF of the *5S Plus Guidebook from Brady* to learn more about creating a leaner, safer workplace with visuals.

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