



**AGC**  
THE CONSTRUCTION  
ASSOCIATION

# Lean Construction for Trades Toolbox Talk Series

Developed by the AGC Lean Construction Forum

**CM-LEAN**  
CERTIFICATE OF  
MANAGEMENT  
LEAN CONSTRUCTION

.25 CM-Lean CE Credit | AGC of America recognizes this this series as qualifying for continuing education hours towards the renewal of AGC's Certificate of Management-Lean Construction (CM-Lean).

# Lean Construction for Trades Toolbox Talk Series Goals

- Introduce Lean Construction concepts in the field through conversational learning
- Recognize opportunities to review and improve current processes
- Describe how to empower each other to identify and eliminate waste, work safely, and reduce overproduction
- Adopt a Lean culture

# Lean Construction for Trades Toolbox Talk

## Session Goals: Five-S Program

- Eliminate Waste On The Jobsite
- Involve The Project Team
- Perform Five-S Actions
- Communicate Program Results With The Team
- Celebrate Program Success
- Improve the Program

The Result



Increased Productivity  
Higher Quality  
Increased Reliability

“Five-S Program” developed by Brendan Bartolo, Dynalectric Colorado



# Why Five-S?

- Makes work easier
- Increases productivity by reducing wasted effort
- Increases quality
- Increases reliability in task performance
- Helps keep work areas clean and tidy
- Increases emphasis on safety, quality, production, and learning

**AGC Contractors have reported upwards of a 15% increase in productivity when implementing Five-S principals**



Messy Sites Create Safety Hazards and Impacts Productivity



Clean & Organized Sites Prevent Hazards and Increase Productivity



# What is Five-S?

- Sort
- Straighten/Set in Order
- Sweep / Shine
- Standardize / Schedule
- Sustain / Discipline / Improve



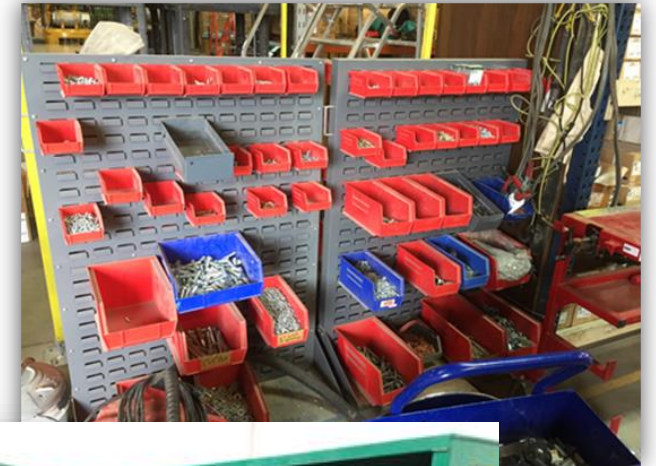
# Sort

- Review your work areas and keep only the items you need (you may add items back when you have a need)



# Straighten

- Organize your work areas and tool cribs
- Make the organization visual, by use & frequency
- Ensure tools & equipment are put in the same place every time
- Make it mobile
- Find items easier and faster



# Sweep

- Clean your workspaces and equipment continuously as you work
- Maintain clean and tidy work areas
- Clean areas allow you to see issues
- A Clean Site is a Safe Site





# Standardize

- Develop a plan to keep your work areas clean and organized
- Standardize your set-ups so everyone can find what they need and best practices are shared
- Assign responsibility to crew members
- This plan will ensure that your team is maintaining the Five-S program



# Sustain

- Set up inspections to ensure the program is being kept up
- Display the results of the inspections
- Keep the program active. Don't let your efforts fade away
- Make the first Four S's a habit
- Improve each of the first Four S's by making each easier to perform





1. Keep work areas clean and organized
2. Maintain orderly tool cribs and equipment yards
3. Identify & eliminate waste
4. Only stock materials in the work area that will be needed within 48 hours
5. Keep all stored materials on mobile carts or skids
6. Involve the whole team
7. Fight Complacency! Keep the program active!
8. A Clean Jobsite is a Safe Jobsite

Printable Card

# Five-S Program