

LEAN SAFETY BEST KNOWN METHODS

Abstract

The Safe Build Alliance is working to gather Best Known Methods in Lean that benefit the construction project. The benefit could enhance safety, efficiency, or quality. Please consider those activities that are conducted by multiple trades, ergonomic innovations, housekeeping best practices or anything that eliminates waste. We are looking for lean tools and actual activities that can be shared throughout the Safe Build Alliance Construction Community.

Remember, **Waste** is:

Defects – anything that created re-work

Overproduction – building more than is ready to be installed resulting in storage and/or housekeeping issues

Waiting – wasted time waiting for the next trade, waiting for late deliveries, etc.

Non-Utilized Talent – Underutilizing peoples' skills; light duty work due to an injury

Transportation – moving anything more than once before it becomes work in place

Inventory – extra storage of anything, storing concrete formwork or similar materials after completion

Motion – unnecessary movement of people, taking too many steps to distribute something that can be distributed via use of material handling equipment, etc.

Extra-processing – Higher quality than required

Please submit your Lean BKM's to

aclements@andersen-const.com

dtoy@andersen-const.com

Lean Champions: Dustin Rose – ASI Journeyman

BKM: Job Box Design

How does it work?

Customized job box for Wall Crew stores all necessary tools and equipment in easily accessible layout.

How does this benefit the project?

Tools and equipment is an expense to job that is not recoverable. Proper storage methods keep tools and equipment serviceable, quickly accessible, and secure. Tools and equipment are not misplaced so they are ready when needed.

Why is this a Lean Method?

This method of storage provides for quick and easy access to tools and equipment. It follows the 5-S principles of Shine, Sort, Set in order, Standardization, and is a model for sustainment.

Please attach or include photos of the before & after





