

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
dtoy@andersen-const.com

BKM: Temporary Power cable support

How does it work?

Levels P1 and P2

Preplanning of temp power routing and support prior to building install.

Install banger supports in slab, utilize plastic cradles hung from banger anchors and rout temp power spider box extension cords and other associated temp power cables.

Keeps temp power cords off of ground and is re-usable. Smaller cords can utilize these same pathways as needed from spider boxes as well and can be pulled in and out as needed.

Pathways and supports are laid out with the deck Trimble during deck install activities so the task is being laid out and completed at the same time.

How does this benefit the project?

Frees up pathways of travel. Helps minimize cord damage and possible trips,

Slips and electrical shock. Maintained in same location and not pushed/moved around from cons. Activities.

Why is this a Lean Method?

As cables are hanging from bangers in ceiling above there is less need to maintain these as there is less impact to them from being on the ground. The supports are reusable from one spot to the next. Which cuts down on ordering and waste of 1 time support such as tie wraps.

Trades do not have to move them around for their lifts and or rolling material across path.

Please attach or include photos of the before & after





