

LEAN SAFETY BEST KNOWN METHODS

Abstract

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

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 no later than July 10 to
leanbkm@safebuildalliance.com

BKM: Barricade Carts

How does it work?

Cart holds one entire spool of rope, danger/caution signage, Zip ties, etc... to allow one person to efficiently barricade a hazardous work area.

How does this contribute to the safety of the project?

Barricading work zones keeps personnel, not associated with the tasks, aware of hazards. The workers inside the zone can work safer without the distraction of outside personnel entering their work zone. Hazardous work zones can be barricaded as hazards are identified by using this quick and effective method. Using rope and signage is a stronger alternative to tape as Danger/Caution tape is notoriously easy to tear. When barricades require too much maintenance, they are usually not maintained adequately.

Why is this a Lean Safety Method?

Rope can be rolled out quickly, by one person, extra materials are readily available, rope doesn't need to be cut and therefore can be reused indefinitely. Carts are available off the shelf at Lowes for \$179. Minimum modifications made to carry additional supplies, signs, etc...

Please attach or include photos of the before & after
& send to leanbkm@safesbuildalliance.com

