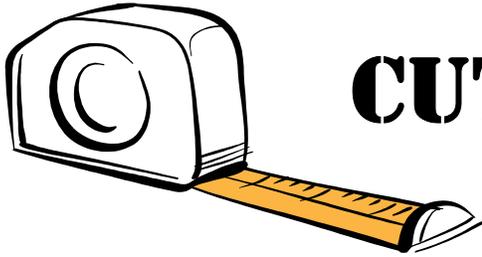


To continually examine our processes to provide greater value to our customers without waste.



CUT TO LENGTH

EAW
EAW
Eliminate All Waste

WASTE IDENTIFIED

On previous CPVC jobs, Grunau Orlando had always picked out a room in a central location and set up a chop saw table to do “cut-to-length” on the jobsite. This room had to be relocated a number of times during the course of the job. This included moving not only the saw and table, but also many boxes of fittings, tools, and drawings. It was determined that the cut-to-length process was not as efficient as it could be.

SOLUTION

To Eliminate All Waste, Orlando created a mobile CPV cart (see photos below) which has bins to hold various fittings required for the job and has a tool storage area with a lock-down door. The door serves as an additional work surface when in the open position with the removable legs installed.

The chop saw was an integral part of this cart, but the necessity of measuring and marking each piece of pipe before it was cut had been time-consuming and needed a better way. The answer was the carriage and tape measure set-up. The carriage runs on V-cut wheels and inverted angle iron. The angle of this design helps to prevent build-up of shavings from slowing or stopping the smooth operation of the tool. The tape measure clipped to the front of the saw extends and retracts with the carriage and gives the cut-to-length person an accurate reading of how far it is from the cutting blade to the end of the pipe. An extendable pipe support for long pieces of pipe is located to the left of the saw. The support features retractable legs that can be raised up from the floor when necessary to move the whole operation to another area.

Our VP reviewed the project and commented that it was a “good solution; how can we make it better?” So that task has been given back to the team and Orlando feels sure there will be more solutions in store for the future. If you’ve developed a way to Eliminate All Waste on your job, please share it with others through the Lean Line newsletter by informing a Lean Team Steering Committee member.

