

Roll Handling Safety

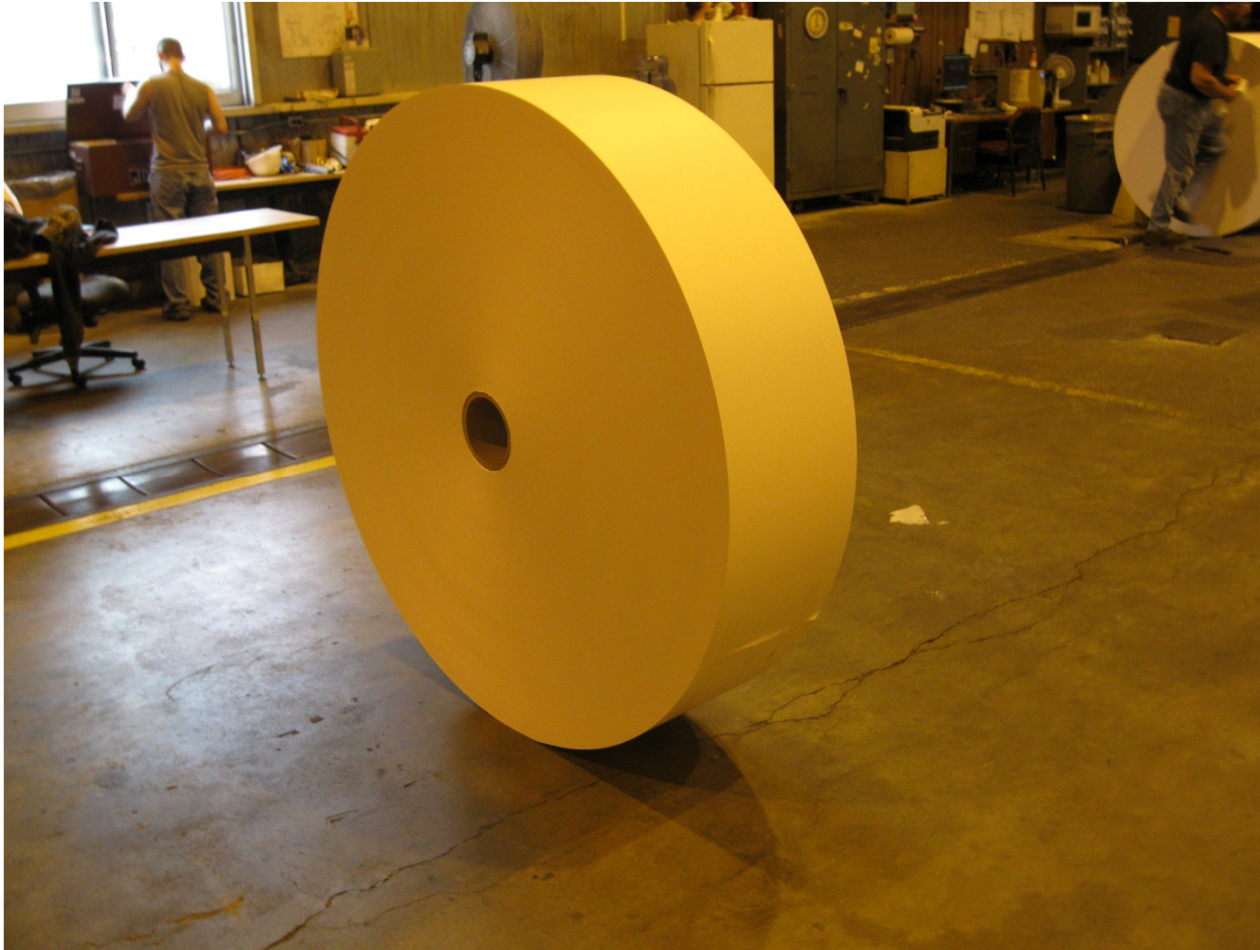


Safe Handling of Narrow rolls on a sloped floor winder with Pneumatic stops and a manual roll wrap process.

SLOPED WINDER DECK



NARROW ROLLS



PROBLEM

- End rolls will tip when Diameter/width $> 4/1$
- Can happen any time rolls are moving, but normally when they hit pneumatic roll stops or if an end roll hits sloped floor on edges
- We managed through it with wider rolls on the ends, used for other customers.
- New business disrupted balance and resulted in too many wide rolls
- Rewinding side rolls was expensive and untimely

SOLUTION

- Crews were engaged by quality leader & supervisor to find a solution
- Crews developed a long insert to put in end rolls tying them together in the cradle before they hit the sloped floor
- Maintenance crews built it
- Eliminated the wide end rolls all together and simplified the operation



SOLUTION IN USE

5th Hand Mike Walsh



Winder Man Shawn Wilde

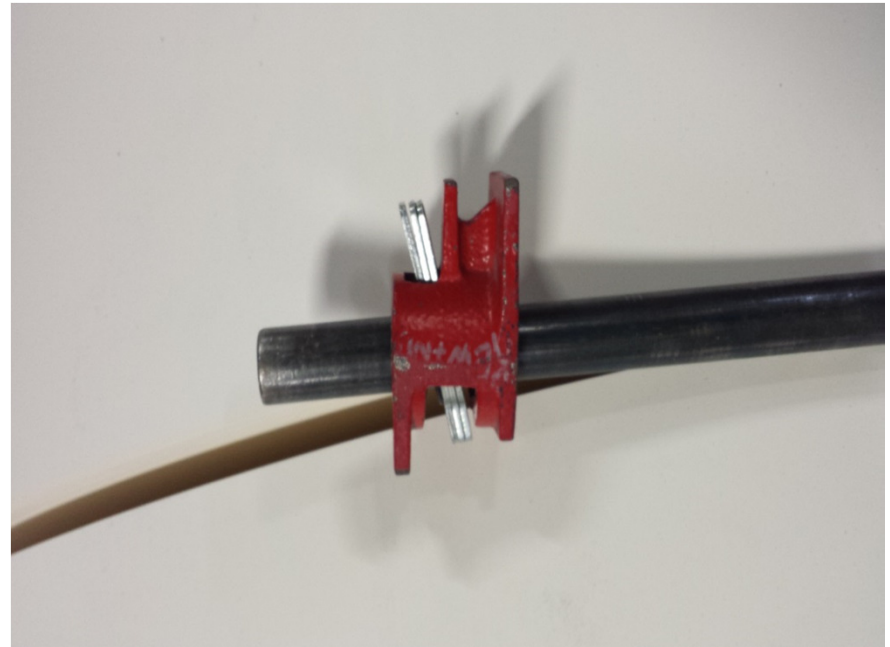


TRANSPORTING ROLLS

Keep rolls tight together



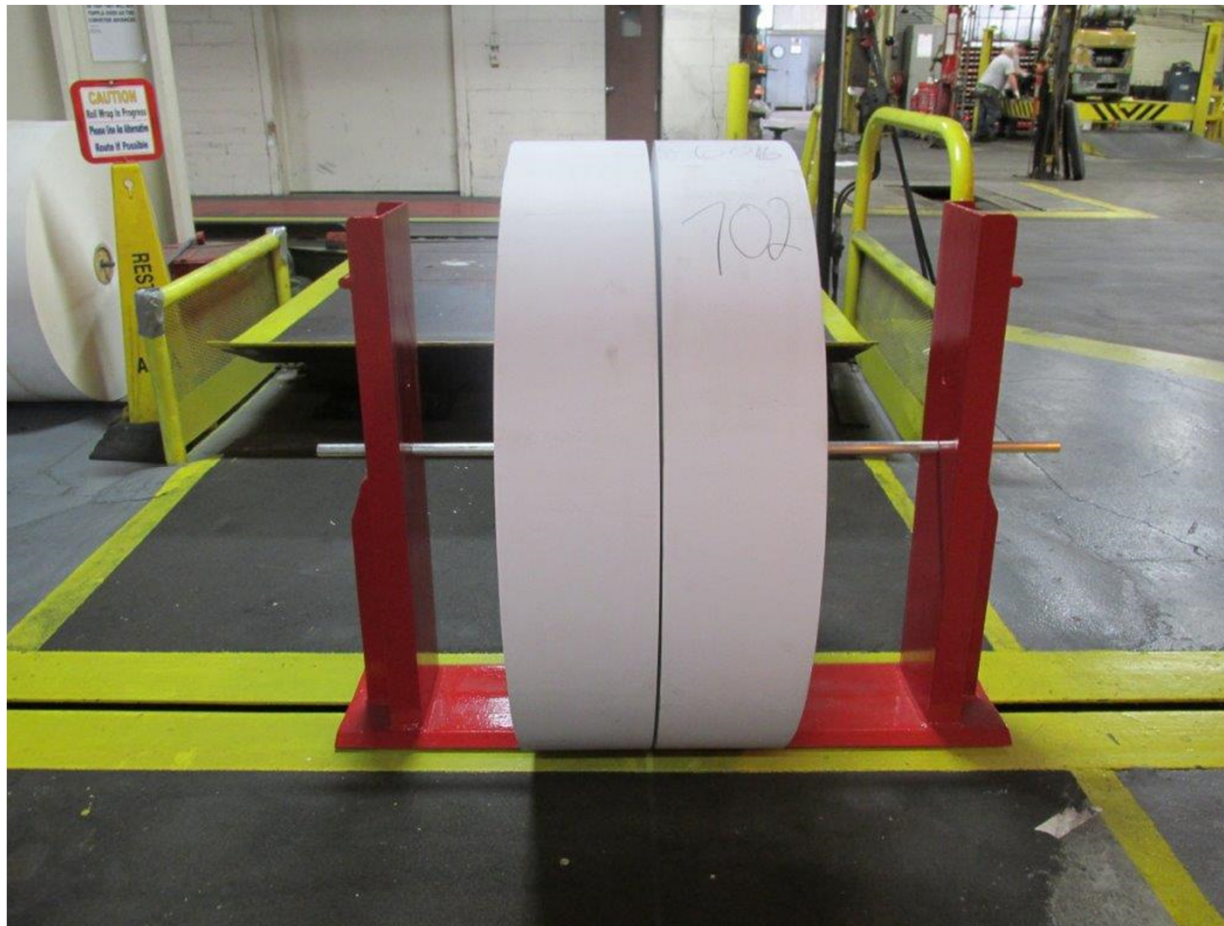
Pipe clamp



ROLL WRAP

Holding Single Rolls

Roll Dolly





ENGAGED WORK GROUPS

- We all have challenges where high cost engineered solutions may be available.
- If we engage the workers, they can usually come up with innovative ideas that are low cost and accomplish our needs.
- This small group worked across boundaries to find a solution and follow it through to the next step in the process to evaluate impacts on their operation, and then helped with resolving potential safety implications in that process.

QUESTIONS?