OWNER Ken G.	DEPT GM	DATE	3/8/22/	
FEELS We are to	aking too long to strap our pal	late		NA
	DESCRIBE THE		EM	ZEN
				CHANGE GO
OVERPRODUCTION				EFFORT (@ \$1 per min)
TRANSPORTATION				\$8,750
MOTION Searching for to				
WAITING	DENTIFY/QUAN	TIFY W	ASTE	MATERIALS (Cost + 15%)
PROCESSING Taking more	steps than is needed			
INVENTORY				
DEFECTS Rework when c	lamp doesn't hold			TOTAL WASTE \$8,750
We did not realize there we have never seen it on The old tools work if used	se strapping tools for 25+ yea was a tool available to make t r heard from others it was ava d properly	he job easie ilable		

I saw the strapping tool while visiting Buzzi Space factory in the Netherlands



TODAY'S FIX Let the shipping team know about the new strapping tool

PREVENTATIVE ACTION

1. Do nothing

2. Ask the team to consider using the new strapping tool 3. Ask the team to contact Uline rep to share more information on the new strapping tool 4. Order the new strapping tool and train the team how to use it

8/12/22 3,500 Walked on KNOW & SHOW THE TRUTH WE AGREE TO WORK ON THIS PLAN ø 2.3.4 IMPROVE EVERYDAY 0wner Owner TJK TJK **BEST FOR OUR BEST** Mentor Mentor

We learn "deep problem-solving skills" together

Old tools



Old method



Previous time to strap a pallet:

5 minutes per pallet 7 pallets / day x 5 minutes = 35 min/day $35 \min / \text{day x} 5 \text{days} = 175 \min / \text{wk}$ 175 min / wk x 50 wks = 8750 min/yr

New method



New time to strap a pallet:

1 minutes per pallet 7 pallets / day x 1 minutes = $7 \min/day$ 7 min / day x 5 days = 35 min / wk 35 min / wk x 50 wks = 1750 min/yr

New strapping tool \$3,500

OWNER Martin Cole	DEPT Frame the BOO time for powder SCRIBE THE F	DATE r coat samp PROBL	7/26/22 les. EM	KAI ZEN CHANGE GOOD
OVERPRODUCTION				EFFORT (@ \$1 per min)
TRANSPORTATION				801
MOTION Using the oven 3x mor				
WAITING For 3x as many bakes	390 FY/QUANT	IFY W/	ASTE	MATERIALS (Cost + 15%)
PROCESSING				
INVENTORY Energy 30kw x .10 x	7 hours = 21			
DEFECTS				TOTAL WASTE 801
Can only bake 10 samples at a Not enough places to hang sam Only have 2 bars up top.				
Can only cool 10 samples at a t Not enough places to hang sam Current setup is for one big piec	ples to cool.			



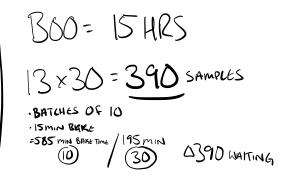
TODAY'S FIX Kaizen

PREVENTATIVE ACTION 1 Do nothing 2 Add bars to top of oven \$60 3 Build cooling rack - Creform adjustable 4 Repurpose a rack for cooling \$20

COUNTERMEASURES WHICH WILL BE TAKEN	\$ 721 STIMATED SAVINGS	Walked on m 9/19/22 FEELS
2 KNOW & SHOW THE TRUTH	WE AGREE TO WORK ON THIS PLAN	owner Matalale
BEST FOR OUR BEST	Mentor	Mentor

We learn "deep problem-solving skills" together

Brand	Colour	Sample
Tiger	RAL 9002 Grey White	
Tiger	38/90009 Argento 307 Metallic	
Tiger	39/60020 Bronze Matte	
Tiger	RAL 9016 Traffic White	
Tiger	38/91020 Anodized Silver	
Tiger	38/90018 Argento 314 Metallic	
Tiger	61/80079 Black Anodized Effect	
Tiger	RAL 1002 Sand Yellow	
Tiger	RAL 3022 Salmon Pink	4
Tiger	RAL 6021 Pale Green	
Tiger	RAL 6034 Pastel Turquoise	
Tiger	RAL 5009 Azure Blue	
Tiger	RAL 5008 Gray Blue	







42108Kkaastailored

OWNER Chris B	DEPT Foam	DATE	6/14/22	
FEELS	hine section is not tour ready			NA
य य	DESCRIBE THE F	PROBL		ZEN
$\sim v$				CHANGE GOOI
OVERPRODUCTION				EFFORT (@ \$1 per min)
TRANSPORTATION				3000
MOTION				
WAITING	IDENTIFY/QUANT	IFY W	ASTE	MATERIALS (Cost + 15%)
PROCESSING Extra cle	eaning required daily/weekly			
INVENTORY				
DEFECTS Glue overs	pray on floor and nearby surfaces			TOTAL WASTE 3000
Using too much glue	9			

Fans aren't pulling enough air Down draft table design is ineffective





Extra 10 minutes to clean everyday. Sometimes regular cleaning isn't enough. $50 \times 50 = 2500

Not tour ready = \sim \$500



TODAY'S FIX Do Nothing

PREVENTATIVE ACTION

- 1. Do Nothing
- 2. Switch all haas machines to vacuum tables
- 3. Update down draft tables to include overspray protection
- 4. Purchase and install a professional spray booth for the entire machine/wrapping section
- 5. Deep clean the floor around the machine wrapping area



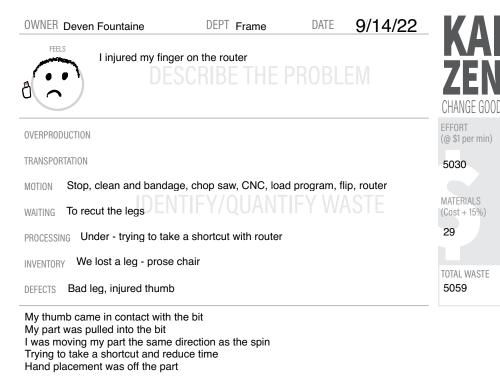
We learn "deep problem-solving skills" together





Spent roughly 240 minutes cutting and assembling new stations.

42108Kkaastailored





PREVENTATIVE ACTION 1) Do nothing 2) Review current router standard work 3) Create new standard work - router without fence 20
4) Add standard work to team train rotation 5039 Walked on 9/28/22 KNOW & SHOW THE TRUTH WE AGREE TO WORK ON THIS PLAN Ray Fintan IMPROVE EVERYDAY 3.4 0wner Owner MartuCale MartuCale **BEST FOR OUR BEST** Mentor Mentor

We learn "deep problem-solving skills" together

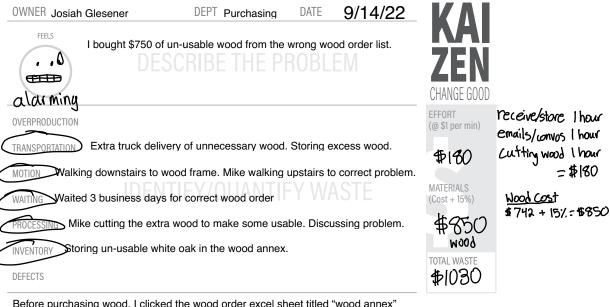
TODAY'S FIX Retrain

42108Kkaas**tailored**

Wood - 25 Motion - 30 L&I - 5000



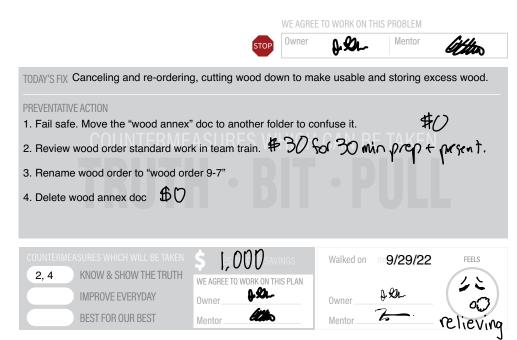




Before purchasing wood, I clicked the wood order excel sheet titled "wood annex"

I saw "wood" on the excel doc name and mistook it for the wood order excel doc which was titled "9-7"

I didn't review wood order standard work recently enough to remember the name of the folder. The two excel docs are right next to each other in the wood order folder.



We learn "deep problem-solving skills" together

42108Kkaastailored

DEPT HR OWNER DATE 9 /21/21 Melane FFFLS There were hundreds of errors in the time ticket $\odot \odot$ import to day 0 CHANGE GOOD FFFORT **OVERPRODUCTION** (@ \$1 per min) (MOTION Walking to accounting, sales, and IT to MOTION get help and explain issues (WAITING Waiting for help and accounting waiting for the to finish (PROCESSING Processing errors, trying to figure out what each warning means and the cause INVENTORY \$480 + TRANSPORTATION \$\$\$\$ 7 MATERIALS (Cost + 15%) Ø OFFECTS Completed out of sequence, errors don't import, jobs clased TOTAL WASTE \$480+ Risk · Invoices processed before time ticket import · Email flag ineffective . Not next to team Two teams completing tasks Importance of sequence for gotten on not understood owner MLC17 · Leads didn't process exceptions before 8 an TODAY'S FIX Work with IT, Acct, ? Sales to fix errors ? import PREVENTATIVE ACTION 7) Test impact of importing errors \$ import 1) Nothing 8) Retrain standard for leads to approve 2) Have Fearn that is invoicing do time tickets 3) Charge notice from email to text, in person, or Trello 3) Change notice from 9) Visual in the job receipt 4) Move next to invoicer 9) Visual in the job receipt 5) Retrain standard work for invoicers Vinyport when 6) Remind leads daily to check exceptions time tickets are done Walked on \$ 125/22 450 KNOW & SHOW THE TRUTH WE AGREE TO WORK ON THIS PLAN 5,0 IMPROVE EVERYDAY Owner MLG Owner MCCM KG Mentor 90 58 6 **BEST FOR OUR BEST** Mentor

We learn "deep problem-solving skills" together

42108Kkaastailored

2 hrs x 4 people = \$480 processing : waiting Impact to leads Tools not showing accurate data Inspace to financial statements Impact to BOO budgeting