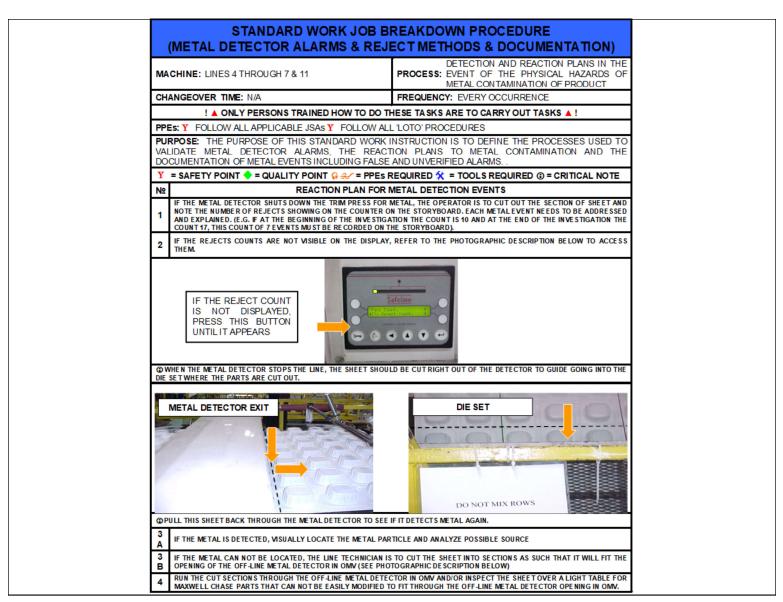
🛓 ACME Manufac	t uring Inc.		
KNIFE CUTTING	ACTIVITY WO	RK INSTRU	CTIONS
DEPT: 001	ACTIVITY: ROLL CUT	TING	DATE: 02/08/07
PHOTOGRAPHIC DISCRIPTION		VISUAL AI	IT THE SE TASKS !
ACTIVITY JOB FUNCTION		PPE TO USE Cut resistance	FREQUENCY
for bag house	utility hook knife	gloves Cutting sleeve	Daily
Use the proper cutting knife for Put on protective sleeve and glo Push down on the blade release material Start the cut and release the bla retract into the knife body at the <u>Job Function MH - Material Handler OP - Operator PT - Process Technician SU - Setup Technician </u>	this activity as shown in ove on the opposite ha e button on the knife an ade release button 1. (th	the photographic des ad and forearm holdin d line up the blade to t is is done so the blad ig cut) <u>Knife Type K</u> Regular Utility Knife Straight	ig the knife the edge of the le will automatically ey Blade oked Blade

At one company that I work for we had so many people getting injured by cutting themselves with knives we had to standardize the knives that were permitted to be used in the plant. All 'authorized' associates were trained to use them properly and licensed. This is the standard document that I designed.

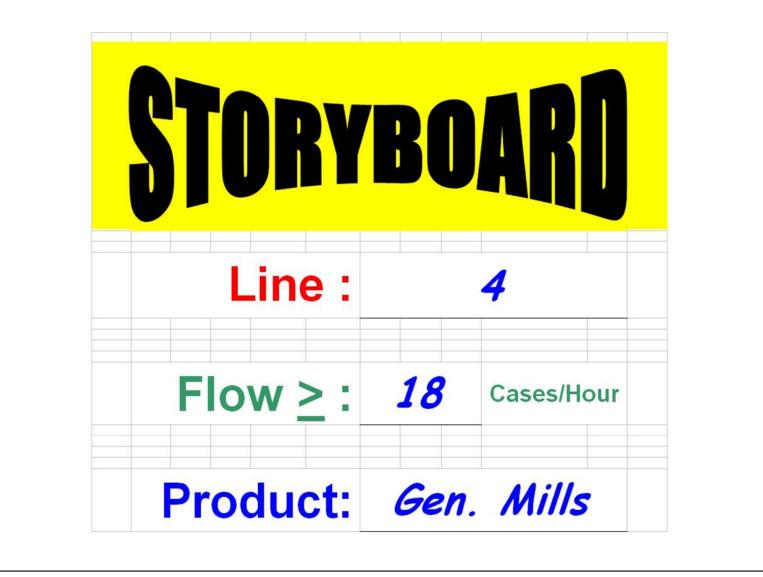
Sounds crazy, but this strict standards on unsafe conditions and unsafe behaviors reduced cut injuries by 80% percent in loss time accidents for the cuts injury category.



This is a document I made with the help a the quality department to standardize metal detection events.



This is a storyboard and the next 9 slides are standardized data collection and reports documents that I created that were used on them...



Storyboard daily production numbers and product type.

LINE:			DATE: 02 / 14 / 08	PRODUCT	:	NC 2	24	
	HIT OR	MISS (GREEN CODE	L/T NAME 1/2 SHIFT	CASEV	N EIG HT		REGRIND)
TIME	(GREEN		L/T NAME 3/4 SHIFT	LOW WT.	25 L.B.S	GAYL	ORDS	ROLLS
	OR RED DOT)	CODE	♦ NOTES ₽	HIGH WT.	35 LBS	U SE D	MADE	MADE
07:30 AM		12	Proximity senor bad on servo motor					
08:30 AM				- 33,5	LBS	2	1	1
09:30 AM		/	Will use an 5/8" diameter ink dot					
10:30 AM			marker tethered to the storyboard to block out progress					
11:30 AM			segments					
12:30 PM	\bigcirc							
01:30 PM	\bigcirc							
02:30 PM	\bigcirc							
03:30 PM	\bigcirc							
04:30 PM	\bigcirc							
05:30 PM	\bigcirc					тот	ALFOR S	HIFT
06:30 PM	\bigcirc							
07:30 PM	\bigcirc							
08:30 PM	\bigcirc							
09:30 PM	\bigcirc							
10:30 PM	\bigcirc							
11:30 PM	\bigcirc							
12:30 AM								
01:30								

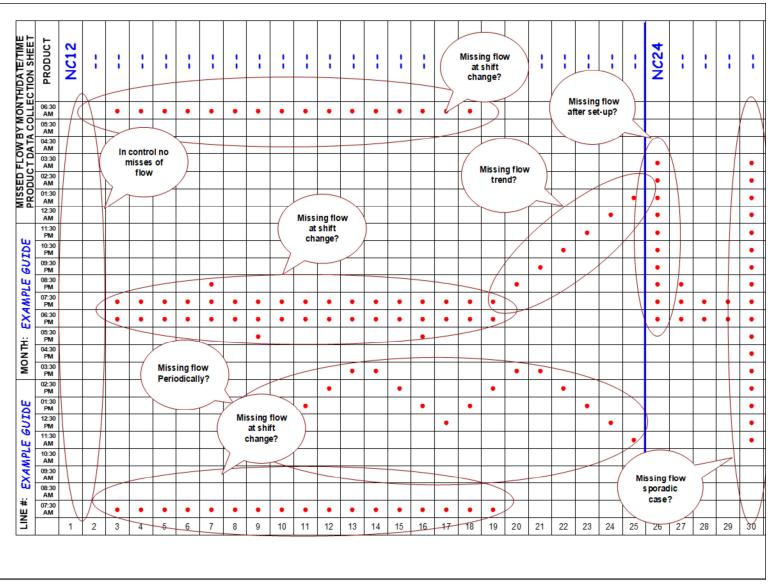
Storyboard product hour by hour attainment data collection sheet.

ă – – – – – – – – – – – – – – – – – – –	# €Ms ♥ MACHINE	
ă	HINE	CUIDE TO CONDITIONS IN 5M FACTORS THAT MAY CONTRIBUTE TO THE PROBLEM
	SILO	SLIDE GATE CLOSED - LEAK IN TO SILO - UNABLE TO PULL MATERIAL - SLUGGING OF MATERIAL - ANGEL HAIR -
	MATERIAL HANDLING	VACUUM PUMP DEFECTIVE - INADEQUATE FLOW OF MATERIAL TO THE BLENDER SYSTEM -
	BLENDER	LACK OF MATERIAL - RAN OUT OF MATERIAL -
	EX TRUDER	MELT BLOCK - OVER/UNDER HEATING - VENT NOT WORKING - BLOCKED SCREEN PACK - CARBON CONTAMINATION - LEAKY DECKLES -
	HAUL OFF	BUSTED AIR LINE - OUT OF CONTROL CHROME ROLLS TEMPERATURE - DIRTY CHROME ROLLS - MALFUNCTIONING AIR CYLINDER-BEARINGS BAD-DRIVE BELT BROKEN
+ $+$	OVEN	HEATER ZONES NOT CONTROLLING - BURNT HEATER ELEMENTS - TRACK MISALIGNMENT - FIRE -
-	FORM STATION	PIN CHAIN - RAILS - DRIVE MOTORS - TOGGLES - MAC VALVE S - VACUUM PUMP BAD - MOLD COOLING - PLUG CYLINDER - CUTTER CYLINDER - CAM/LINKAGES - GEARBOX - LUBRICATION - LIQUID LEAKS
8	TOOLING	PLUG DEFECTIVE - CAVITIES - AIR CYLINDERS - RAM PRESSES/CLAMPING - BLADDER NOT WORKING - LEAKS - DIE PLATE & PUNCHES DULL - MOLD ALIGNMENT - GUIDE SET -
9 9	VERTICAL TRIM PRESS	DRIVE SYSTEM - SLUG SUCKER CLOGGED - NIP WHEELS - IN FEED GUIDANCE -
10	TRIM PRESS	BURNT OUT DRIVE BELTS . DRIVE PROBLEMS . DRAG STRAPS . LUBRICATION . METAL DETECTOR FALSE ALARMS . TRUE METAL EVENT . MISSTRIM . CHOPPING
11	PARTS HANDLING	TRIM TO RIM - DSA/DCU - TRANSPORTER PLATES - BELT CONVEYORS - STACKER - PACK TABLE - VACUUM PLATES -
12	RIMMER	SCREW PROBLEMS - CROWD ROLLERS - CAGE ROLLERS - HEATERS NOT CONTROLLING - WATER FLOW PROBLEMS - BELT CONVEYORS - DRIVE BELTS PROBLEMS - SILICONE SPRAYER -
13	COUNTER	COUNT EYE ADJU STMENT - STRIPPER OUT OF ADJU STMENT - CONVEYOR BELTS -
14	BAGGER	JAW HEATERS NOT CONTROLLING - BLADES - BAG FEED SYSTEM MALFUNCTION - TRANSFERRING BELT CONVEYOR - PADDLE WHEEL JAM S -
15	GRINDER	BELTS BURNT UP - DULL BLADES - MATERIAL JAMS - BLOWER MALFUNCTION -
MAN	MANPOWER	
16	LINE TECHNICIAN	KNOWLEDGE BASED FACTORS - SKILL BASED FACTORS - HUMAN SENSORY ERROR - PSYCHOLOGICAL ERRORS - PHYSIC LOGICAL FACTORS - NO COVERAGE/SHORT HANDED - SLIP/LAPSE IN TASK STEPS -
±≞ 17	INSPECTOR PACKER	KNOWLEDGE BASED FACTORS - SKILL BASED FACTORS - HUMAN SENSORY ERROR - PSYCHOLOGICAL ERRORS - PHYSIOLOGICAL FACTORS - NO COVERAGE/SHORT HANDED - SLIP/LAPSE IN TASK STEPS -
18	OTHER RESOURCES	MAINTEMANCE TECHNICIAN NOT AVAILABLE - PROCESS TECHNICIAN NOT AVAILABLE - LACK OF SUPPORT STAFF RESOURCES - MATERIAL HANDLER NOT AVAILABLE - SUPPORT STAFF UNABLE TO DIAGNO SE PROBLEM -
METHOD	ПОП	
19	PACKING	PACKAGING INSTRUCTION NOT FOLLOWED ON SHOP FLOOR CONROL SHEET - NOT USING CORRECT CONTAINER -
20	MATERIAL	INCORRECT BLENDS MADE -
21	PROCESS	OUT OF ADJUSTMENT - WRONG PROCESS SET UP -
22	CLEANING HACCP	HAZARD ANALYSIS CRITICAL CONTROL POINT - CLEANING - SANITIZING -
MAT	MATERIAL	
24	RAW MATERIAL	MOISTURE IN MATERIAL - CHEMICAL CHARACTERISTICS OF MATERIAL WRONG - CONTAMINATION -
25	DOCUMENT	INCORRECT DOCUMENTATION FOR PRODUCT BEING PRODUCED .
MEA	MEA SUREMENT	

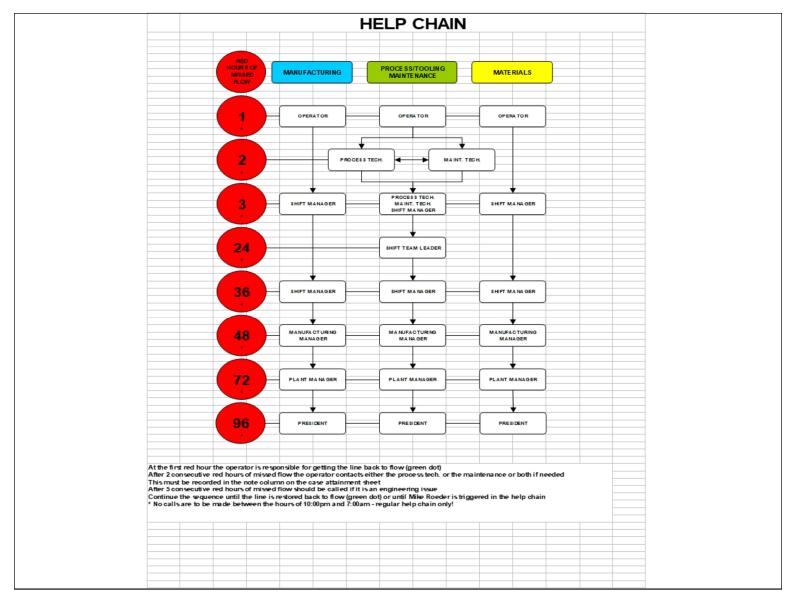
Storyboard fault code aid sheet.

5	LINE #: OMV 14				ž	INC	ï	Y	MONTH: J ANUARY	A P		08			100	DATA COLLECTION SHEET	TA:	20	LEC	SE	N ST		
#	♦ 2Ws ♦						•	REC	♣ RED DOTS OF MISSED FLOW IN 5M FACTORS ♣	TS (OF N	IISS	Ē	FLO	Ň	N 5M	ΕA	C T O	RS	•			
M	MACHINE																						
1	SILO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2	MATERIAL HANDLING	•																					
3	BLENDER	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
4	EXTRUDER																						
5	HAUL OFF																						
6	OVEN																						
7	FORM STATION																						
8	TOOLING																						
9	VERTICAL TRIM PRESS																						<u> </u>
10	TRIM PRESS	•	•	•	•	•	٠	•	•	•	•												
11	PARTS HANDLING																						
12	RIMMER	•	•																			 	
13	COUNTER																					 	
14	BAGGER																					 	
15	GRINDER																						
M	MANPOWER											1		1					1			1	1
16	LINE TECHNICIAN	•																				<u> </u>	\vdash
17	INSPECTOR PACKER	•	•	•	•	•	•	•	•	•	•	•	•	•	•								
18	OTHER RESOURCES	•																					
ME	МЕТНОD																						
19	PACKING	•																				 	<u> </u>
20	MATERIAL	•	•	٠	•																		
21	PROCESS																						
22	CLEANING HACCP	•																					<u> </u>
W	MATERIAL																						
24	RAW MATERIAL																					 	
25	DOCUMENT	•	•	٠																		 	
											1												

Storyboard fault code data collection sheet.



Storyboard hourly misses of production flow by production line, time, date and product type being run This document that I created allows us to breakdown our facts and data into discrete, discernable patterns of 'how' in elements of 'what' and periods of 'when' and 'how' often that characterize their occurrences.



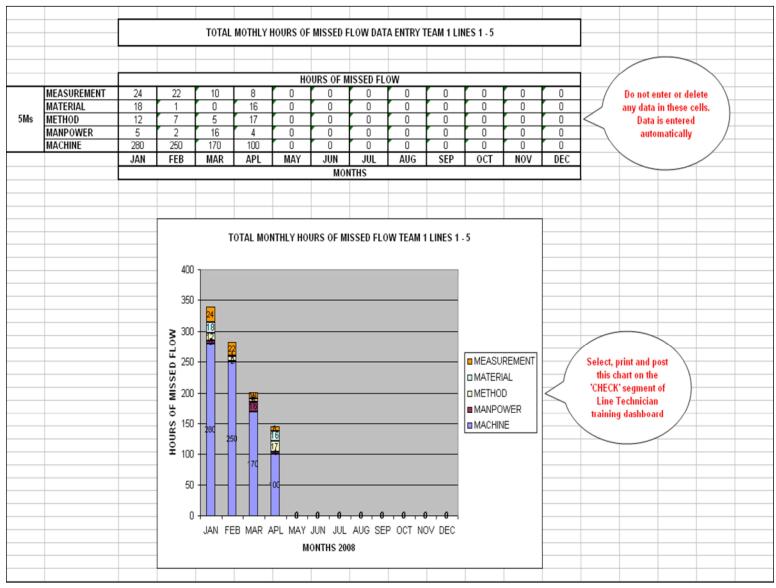
Storyboard Help chain sheet.

FAUL T CODE	DATE OF ACTION ITEM	DESCRIBE ACTION ITEM	PERSON RESPONSIBLE FOR ACTION ITEM	ACTION ITEM COMPLETION TARGET DATE	AC TION ITEM PROGRESS
30	01 / 01 / 08	Replace light bulb above trim press PROGRESS NOTES: 01/01/08 Ordered light bulb 01/07/08 Received light bulb and will install on 01/12/08 Completed on 01/12/08	John Doe	01 14 08	
	1 1	PROGRESS NOTES:	dia ma to ti to	Ill use a 5/8" meter ink dot rker tethered he storyboard o block out progress segments	
		PROGRESS NOTES:		1 1	
		PROGRESS NOTES:		1 1	

Storyboard action item register sheet.

	AUTONOMOUS PROI	DUCTION GROU	PMEETING A	SENDA ACTIO S 18-3	N REGISTER REVIEW	
F	1. STORY BOARD REVIEW 2. AROUND THE TABLE 3. ACTION REGISTER RE 4. REDOGNITION 5. PASS URPASS DOWN 6. ACTION REGISTER RE 7. ANY OTHER BUGINES:	ABN ABN	LASI LASI LASI LASI LASI	MEEN NO REVIE MEEN NO REVIE MEEN NO REVIE MEEN NO REVIE MEEN NO REVIE MEEN NO REVIE MEEN NO REVIE	W DATE:// W DATE:/_/ W DATE:/_/ W DATE:/_/ W DATE:/_/	
		PERSON/S RESPONSIBLE INITALS	ACTION ITEM TARGET DATE	ACTION ITEM PROGRESS	COMMENTS	
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	Million Support Teneri Cirly Projects 2007	mail Gacup Tearn Intentig	Dourne Meeting Agen	h Acim Region Review	DAVLine 11 Shill_Teams 1 & Judic	њ —

Storyboard small group team meeting agenda and action register sheet. In lean you have meetings to decide on something, not meetings to discuss something to have another meeting about...



Storyboard long term effectiveness tracking data collection and reporting sheet.