DFMEA form prototype

DFMEA = Design failure Mode Analysis

Form with components

Item and function

Potential failure mode(s)

Save

Available components list

Item and function	Potential failure mode(s)
Legs	bend/brake
Wheels	wheel lock
Blocks	thread strip
Blocks	slip
Brain	Think
555555	4444
blos	
AAA	BBB
AAA	BBB
Func X	Mode 1
SD	SDSD
f	g
1	2
SoC-1	Analog block-x with recent updates
legs	
asd	asd
Heads	Eyefailure

Test 12345	Test 12345
Aas	Aaa
Legs	Fuck
Chest	Small
Legs	Fuck it
b	d
1000	
legs	bend/brakes
legs	bend/brakes
legs	bend/brakes
hello	you
eye	what
Hand	death

DFMEA prototype (no project abstraction here yet, everything is in one place, together)

Register new metric

Register

Registered so far

Select component and mode	Pottential effect of failure	SEV	Pottential cause of failure	OCCUR	Current design controls	DETECT	RPN
Legs > bend/brake	looses stability	3	excessive force	2	visual check	3	18
Wheels > wheel lock	hinders motion	2	weather/water	1	motion check	2	4
Legs > bend/brake	hinders motion	3	over tighten	8	motion check	4	96
Brain > Think	hinders motion	5	excessive force	7	motion check	4	140
Wheels > wheel lock	device failure	1	excessive force	3	motion check	4	12
Legs > bend/brake	device failure	123	over tighten	123	tool check	123	1860867

AAA > BBB	device failure	1	excessive force	1	motion check	1	1
AAA > BBB	device failure	1	excessive force	1	motion check	1	1
Legs > bend/brake	hinders motion	2	under tighten	234	motion check	1	
Legs > bend/brake	hinders motion	2	excessive force	4	motion check	5	
SoC-1 > Analog block-x with recent updates	device failure	5	weather/water	4	visual check	8	
Wheels > wheel lock	drum out of place	1	weld impurities	1	motion check	5	5
Test 12345 > Test 12345	device failure	123 45	weather/water	12345	tool check	12345	1881365963625
Chest > Small	hinders motion	0	weather/water	1	visual check	2	0
Wheels > wheel lock	hinders motion	1	excessive force	111	tool check	457	50727
Legs > bend/brake	device failure	1	excessive force	2	tool check	1	2