

45. Sumber daya untuk kegiatan kaizen

Improvement	Original PIC	PIC	Apr	May	Jun	Jul	Aug	Remark
Change panel electric 1st annealer, tidy up cable, move position panel more good.	MTN	MTN						Cont.FY23
Install Smoke Detector.	Safety	MCH						FINISH
Switch the power of the machine lighting from the panel to the TL lamp lighting.	MTN	MTN						Inprogress
Modification of the model's one-sided display cover using screws so that the cover can be easily removed.	MTN	MTN	H1A B					Follow project HTA (Next V8)
Moved position panel .	MTN	MCH						
Repair broken cables	MTN	MCH						FINISH

1. Ada rencana tahunan untuk mempersiapkan alat/ perlengkapan untuk kaizen.

SAFETY ACTIVITY IMPROVEMENT PLAN														WIN-I Safety 21-Aug-24									
No.	Urgent	M/C Area	Item	Finding	Improvement	Original PIC	PIC	Apr	May	Jun	Jul	Aug	Remark			Q4							
1. Rotating Parts																							
63		Reel Polishing WHS	Cleaning / Polishing with sandpaper sponge during reel rotating.	Current condition cleaning reel machine no have Emergency Stop (Total have 5 M/C : #1, #2, #3, #4, #5)	Need to install Emergency Stop.	RM whs/ SPO	MCH						FINISH										
70		H1,H2 & V12	Take up machine H1, H2 & V12.	Take up machine H1, H2 & V12 not yet install emergency stop.	Need to install Emergency Stop.	SPO	MCH						FINISH										
74		Pulling machine Vertical	Pulling to change the size of the bare wire in the coating vertical (V12)	The spooler pulling of the plastic material has a less slippery surface which makes it difficult to remove the wire when pulling.	Use a spooler pulling that is smoother on the surface and uses a harder material.	Vertical	MCH	●					FINISH										
2. Falling Down																							
27		V-6	Pass-Line Check.	Sheaves after 1st Pre-Annealer are Placed Outside of 2nd Deck.	Extend 2nd Deck or Modify Pass-Line.	-	MCH						Make banner										
151		MSTS (MTN)	Cleaning & change multi Media Filter RO (Horizontal RO).	The filter tube is blocked by the panel, because the tube must be taken out. <i>Narrow space; during RO cleaning, need to re lay out.</i>	Move the panel position next to the RO, during repair or cleaning the tube can pass through the panel area.	MTN	MCH						Next FY2024		○								
154		MSTS (MTN)	Raising and lowering the upper sheave (V4, V10 & V11).	There is no tool to lift the upper sheave because the weight of the upper sheave is approximately 80 kg.	A hoist crane or chain block is made to lift/lower the upper sheave.	MTN	MCH						FINISH										
162		Horizontal Coating	Move position filter lubricant	Uneven deck lubricant.	The operator tripped and fell.	Horizontal	MCH				●		FINISH										
3. High Temperatures, Explosives, Noxious Gases, Chemicals																							
65		Varnish (MSTS)	Modification of varnish.	Mixing Liton FA and SLAI varnish, the additive FA341-7 must be shaken first in a 15 kg package when it will be used.	Using a machine to stir, when the process of mixing varnish.	Varnish	Varnish																
66		MSTS (QC)	The process of checking the cut through machine (1).	The dumper does not function when the cut trough M/C is cooling, so the cooling process and hot steam causes the heat sensor activated.	Dumper is repaired so it works properly.	QC	MTN						FINISH										
70		Varnish (MSTS)	Varnish drain pipe (Machine H-1)	The varnish drain pipe is not long enough, when draining the varnish, add the pipe.	Install a permanent connection pipe.	Varnish	MCH																
71		Varnish (MSTS)	Drum varnish supply.	Often the varnish supply pipe is left without a varnish drum covering it.(H3,H4,H5,H7& V3)	Made a pipe holder for the varnish pipe.	Varnish	MCH						FINISH										
72		Varnish (MSTS)	Take out Varnish V4	The varnish tank cover is small, the operator finds it difficult to clean the varnish.	1.The varnish cover is replaced with one cover 2.Ball sensor replaced with stick sensor.	Varnish	MCH																
73		Varnish (MSTS)	Replace the varnish line (V10)	The "L" channel for top coat is difficult because it is narrow	Modify the space between the mouthpiece and the toi	Varnish	MCH						FINISH										
74		Vertical Coating	Varnish charging	Varnish charging manual.	Splash by varnish.	Varnish	MCH						Inprogress										
75		Varnish	Modification of varnish	The varnish filter cannot fit into the mixer hole.	Splash by varnish.	Varnish	MCH																

1. Ada rencana tahunan untuk mempersiapkan alat/ perlengkapan untuk kaizen.

2024 Half FY 2024 Investment Plan

15 Aug 24

GENERAL ITEM (less than 100KUSD)

Section							FY2024												Remarks
Priority	Item	Machine / Place	FA Description	Category	Remarks (Drawings)	Amount	Apr/24	May/24	Jun/24	Jul/24	Aug/24	Sep/24	Oct/24	Nov/24	Dec/24	Jan/25	Feb/25	Mar/25	
DRAWING Mr. Yudi Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery, Cap. 2.5 Ton	A-Line & A-00	F1	Handlift	\$2000													
	MR/Aux	Refractometer Digital	A-00, A-Line & B-Line	F1	Handlift	\$2000													
	MR/Aux	Conductivity Meter	A-00, A-Line & B-Line	F1	Handlift	\$2000													
	B	Vacuum Machine	A-00	F1	Handlift	MR/CP-500 Rewinding M/C	\$2000												
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	A	Handlift Battery	V-8, V-9, V-11	F1	Handlift	Exp. used	4,000								4,000				
	A	Tension meter DTMB-10C	V-8, V-9	F1	Handlift	Exp. used (G-100)	5,000								5,000				
	B	FP/CP-500 Rewinding M/C		F1	Handlift		\$20,000												
	A	SPB-Oil Box for Rewinding M/C		MR	Handlift		5,000								5,000			Original Plan on Aug/24	
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	B	SPB Oil Box for V-11B		MR	Handlift	Handlift battery and SPB Oil Box for V-11B	\$20,000												
				F1	Handlift		20,000												
DRAWING Mr. Yudi Mr. M. Syarif H. (Mr. Bonar S.)	MR/Aux	Flame Spray Digital	Workshop/Battery Area	MR	Handlift	Stock													
				MR	Handlift														
DRAWING Mr. Yudi Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	F1	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	B	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														
	A	Handlift Battery + Handlift Battery + Handlift Battery	Handlift Battery	MR	Handlift														

GENERAL ITEM (less than 100KUSD)

Section	Priority	Item	Machine / Place
DRAWING Mr. Yudi Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery, Cap. 2.5 Ton	A-Line & A-00
	MR/Aux	Refractometer Digital	A-00, A-Line & B-Line
	MR/Aux	Conductivity Meter	A-00, A-Line & B-Line
	B	Vacuum Machine	A-03
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	A	Cold Welder BM101	V-8, V-9, V-11
	A	Tension meter DTMB-10C	V-8, V-9
	B	FP/CP-500 Rewinding M/C	
	A	SPB-Oil Box for Rewinding M/C	
	B	SPB Oil Box for V-11B	V-11B

1. Ada rencana tahunan untuk mempersiapkan alat/perengkapan untuk kaizen

NEW PRODUCT AISIN							[USD]												
Section	Priority	Items	Machine / Place	FA Depreciation	Category	Remarks (Spec. etc.)	Amount	FY2024											
								Apr24	May24	Jun24	Jul24	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25
MACHINERY Mr. Arlin S. Mr. Nakamura Mr. Bonar S.	S	Oven - Upper sheave cover	V11B	MN	Productivity	New product AISIN	12,000						KIAN				12,000		Original Plan on Aug'24
	S	Oven - PB-box filter	V11B	MN	Productivity	New product AISIN	10,000						KIAN				10,000		Original Plan on Aug'24
	S	Oven - Positive pressure in applicator room	V11B	MN	Productivity	New product AISIN	22,000							KIAN			22,000		Original Plan on Oct'24
	S	Oven - Heat resistant filter	V11B	MN	Productivity	New product AISIN	52,000							KIAN			52,000		Original Plan on Nov'24
	S	Passline - Cover prevent for falling foreign material	V11B	MN	Productivity	New product AISIN	12,000						KIAN			12,000			Original Plan on Sep'24
	S	Passline - Hoistcrane change iron powderless type	V11B	MN	Productivity	New product AISIN	95,000							KIAN				95,000	Original Plan on Dec'24
	B	Passline - Cover prevent for falling foreign material	Re-winding	MN	Productivity	New product AISIN	(20000)												
	S	Installation Shaving Machine	A-100	MN	Productivity	New product AISIN --> switch to Budget A-100 add Works	(20000)												
	S	Installation Optical blster detector/Discoloration sensor	V11B	MN	Productivity	New product AISIN	20,000					KIAN		20,000					Original Plan on Aug'24
	S	Install POW Tester (including Humidity Room)	QC Room	QC	Quality	New product AISIN	315,000	KIAN									315,000		Original Plan on Nov'24
	S	Install Dielectric Constant Tester (LCR meter for AISIN)	QC Room	QC	Quality	New product AISIN	25,000							KIAN				25,000	Original Plan on Aug'24
	S	Install New Elongation Tester	QC Room	QC	Quality	New product AISIN	25,000			KIAN								25,000	Original Plan on Aug'24
	S	Install Data Input System (Tablet or similar tools / Need to discuss with member)	QC Room	QC	Quality	New product AISIN	4,000											4,000	Original Plan on Nov'24
	S	Change layout QC room for installation new tester	QC Room	QC	Quality	New product AISIN	70,000					KIAN				70,000			Original Plan on Nov'24
NEW PRODUCT AISIN								0	0	0	0	0	20,000	0	82,000	411,000	124,000	25,000	

NEW PRODUCT AISIN

Section	Priority	Items	Machine / Place
	S	Oven - Upper sheave cover	V11B
	S	Oven - PB-box filter	V11B
	S	Oven - Positive pressure in applicator room	V11B
	S	Oven - Heat resistant filter	V11B
	S	Passline - Cover prevent for falling foreign material	V11B
	S	Passline - Hoistcrane change iron powderless type	V11B

2. Ada alokasi anggaran tahunan (termasuk MH) untuk kegiatan kaizen.

2nd Half FY2024 Investment Plan

15 Aug 24

GENERAL ITEM (less than 100KUSD)

Section	Priority	Item	Machine / Place	FA Depreciation	Category	Remarks (Spec. etc.)	Amount	Apr24	May24	Jun24	Jul24	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Remarks
DRAWING Mr. Yudi Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery, Cap. 2,5 Ton	A-Line & A-00	PE	Renewal		[20000]													
	MR/Aux	Refractometer Digital	A-00, A-Line & B-Line	PE	Renewal		[2000]													
	MR/Aux	Conductivity Meter	A-00, A-Line & B-Line	PE	Quality		[1000]													
	B	Vacuum Machine	A-00	PE	Productivity	MITSUBA countermeasure	[2000]													
							Sub total													
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	A	Cold Welder BM101	V-8, V-9, V-11	PE	Renewal	Replacement	4,000													
	A	Tension meter DTMB-10C	V-8, V-9	PE	Renewal	Replacement (Qty=2 unit)	5,000													
	B	FP/CP-500 Rewinding M/C		PE	Quality		[60000]													
	A	SPB-Oil Box for Rewinding M/C		MN	Quality		6,000													Original Plan on August
	B	SPB Oil Box for V-11B	V-11B	MN	Quality	This budget combine with New Product AISIN	[0000]													
							Sub total													
CONNECTION	B	Auto Tension Control Unit	V-7, V-8	PE	Quality		[20,000]													

GENERAL ITEM (less than 100KUSD)

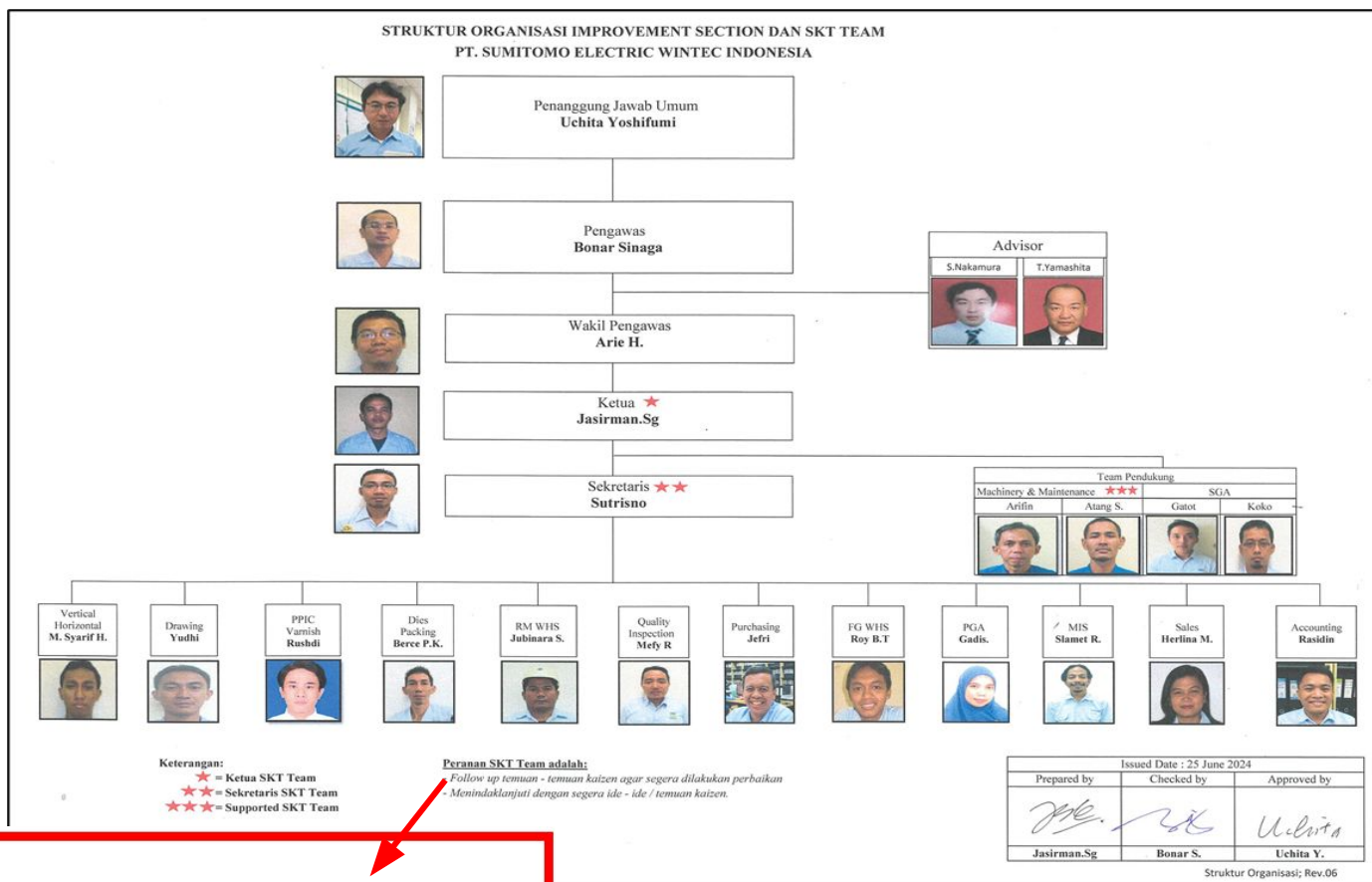
Section	Priority	Item	Machine / Place	FA Depreciation	Category	Remarks (Spec. etc.)	Amount
DRAWING Mr. Yudi Mr. M. Syarif H. (Mr. Bonar S.)	B	Handlift Battery, Cap. 2,5 Ton	A-Line & A-00	PE	Renewal		[20000]
	MR/Aux	Refractometer Digital	A-00, A-Line & B-Line	PE	Renewal		[2000]
	MR/Aux	Conductivity Meter	A-00, A-Line & B-Line	PE	Quality		[1000]
	B	Vacuum Machine	A-03	PE	Productivity	MITSUBA countermeasure	[2000]
							Sub total
VERTICAL Mr. Rohim Mr. M. Syarif H. (Mr. Bonar S.)	A	Cold Welder BM101	V-8, V-9, V-11	PE	Renewal	Replacement	4,000
	A	Tension meter DTMB-10C	V-8, V-9	PE	Renewal	Replacement (Qty=2 unit)	5,000
	B	FP/CP-500 Rewinding M/C		PE	Quality		[60000]
	A	SPB-Oil Box for Rewinding M/C		MN	Quality		6,000
	B	SPB Oil Box for V-11B	V-11B	MN	Quality	This budget combine with New Product AISIN	[0000]
							Sub total
							15,000

Prepared By	Reviewed By	Reviewed By	Reviewed By	Reviewed By
Mr. M. Syarif H.	Mr. M. Syarif H.	Mr. M. Syarif H.	Mr. M. Syarif H.	Mr. M. Syarif H.
16-08-2024	16-08-2024	17-08-24	19/08/24	21-08-24

Original Plan on August

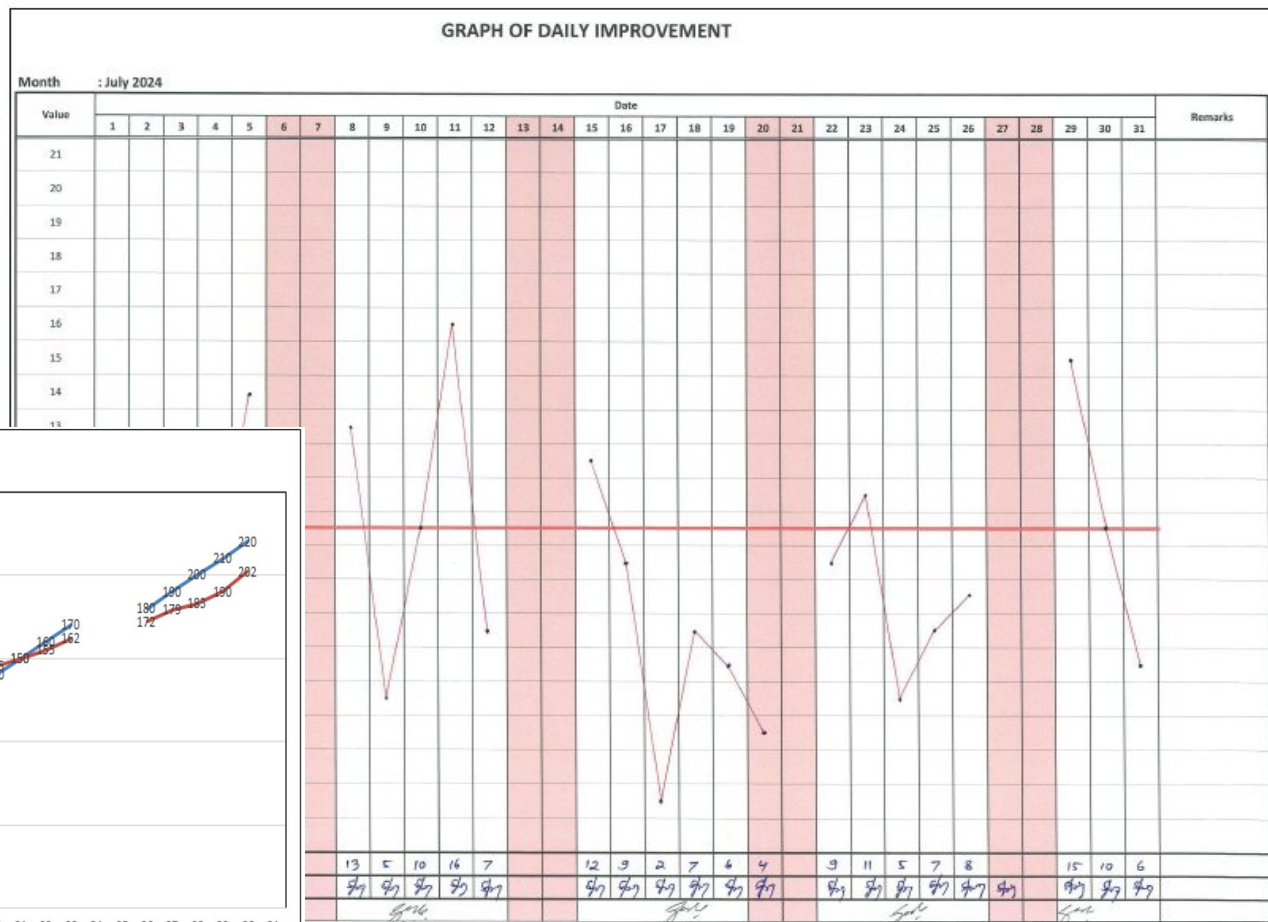
Original Plan on May25

4. Ada tim kaizen (SKT) yang merealisasikan kaizen dengan cepat dan tugasnya juga jelas. (SKT yaitu tim yang terdiri 2 orang atau lebih dengan tugas yang sudah ditentukan.)



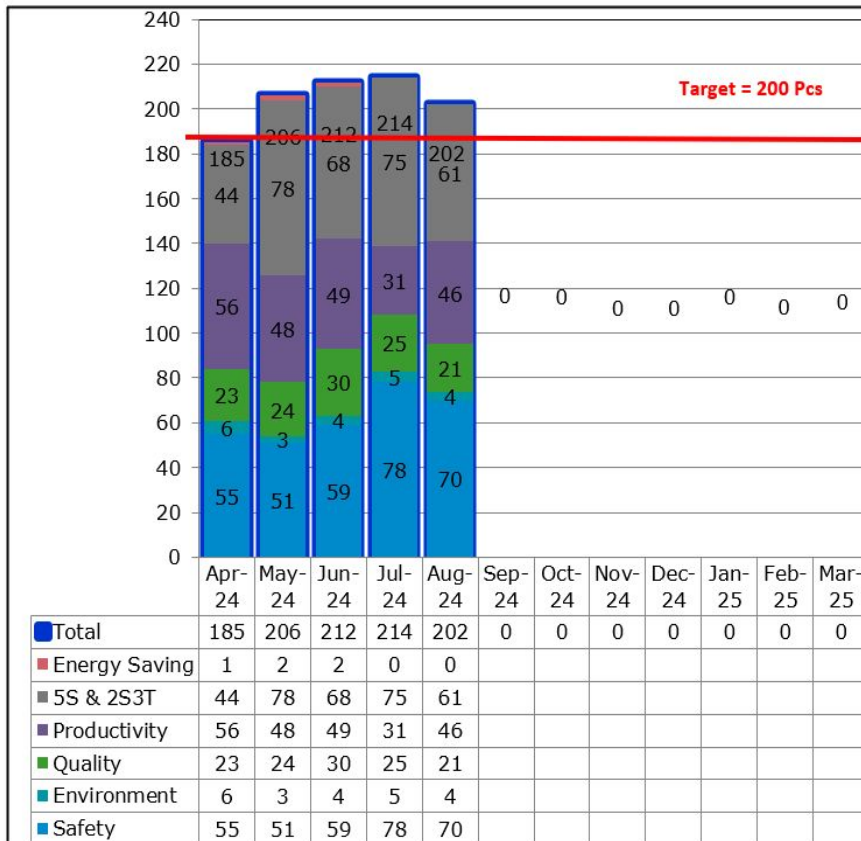
Peranan SKT Team adalah:

- Follow up temuan - temuan kaizen agar segera dilakukan perbaikan
- Menindaklanjuti dengan segera ide - ide / temuan kaizen.

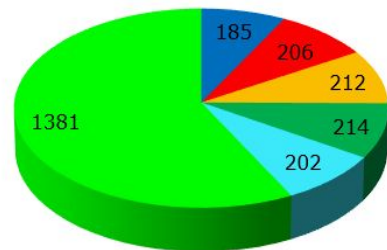


5. Hasil kaizen SKT terhadap target dihitung, lalu dicek apakah berjalan sesuai rencana

Total of Improved Item (Pcs) (1st Half FY 2024)



Total FY 2024
Total = 1019 (Pcs)



■ Apr'24

■ May'24

■ Jun'24

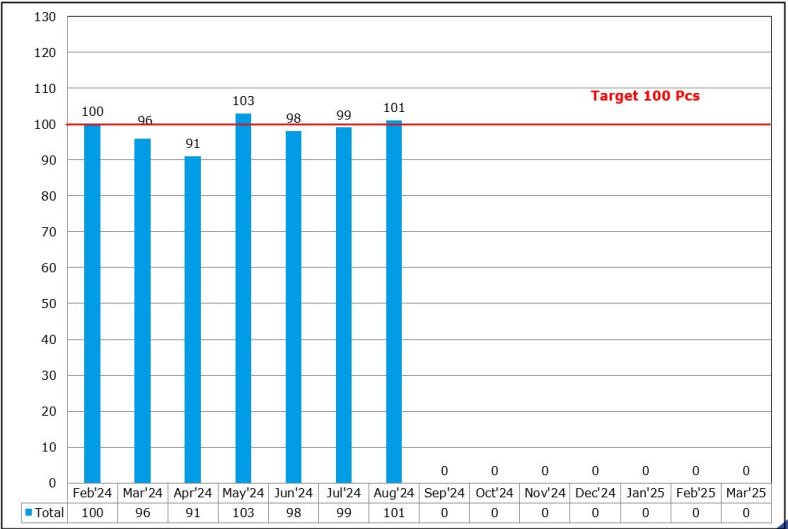
■ Jul'24

■ Aug'24

■ Remain Target FY 2024

5. Hasil kaizen
SKT terhadap
target dihitung,
lalu dicek apakah
berjalan sesuai
rencana

Total Improvement Activity All Section



Breakdown each section

