



Welcome to Kirti Quality Circle Presentation

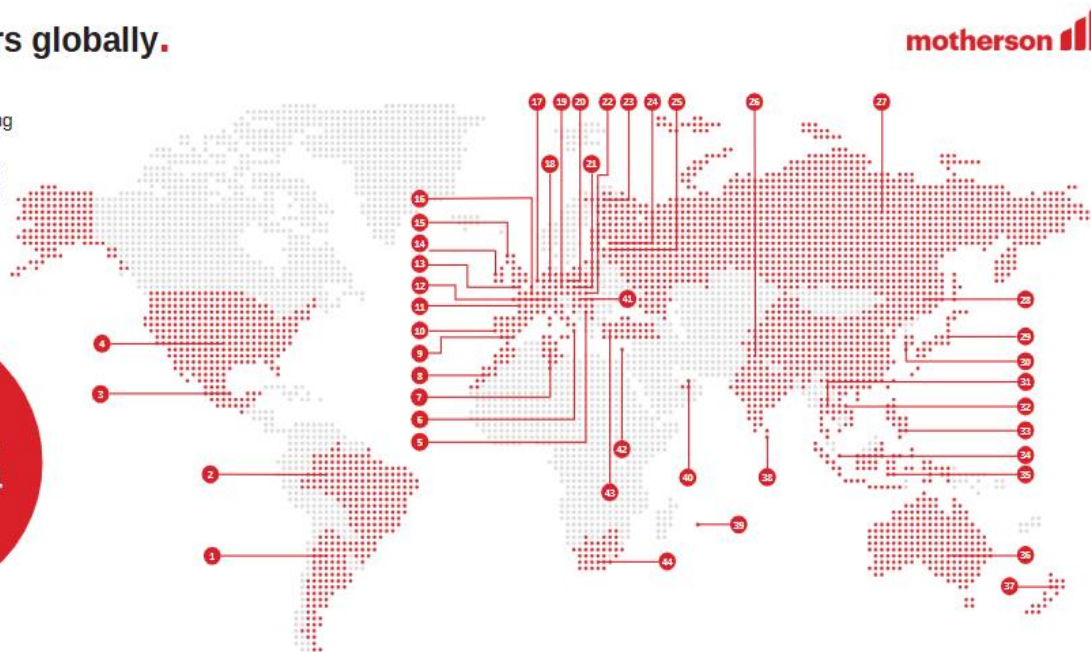
Motherson Sumi Wiring India Ltd. Noida

Global Presence - 44 Countries

Serving customers globally.

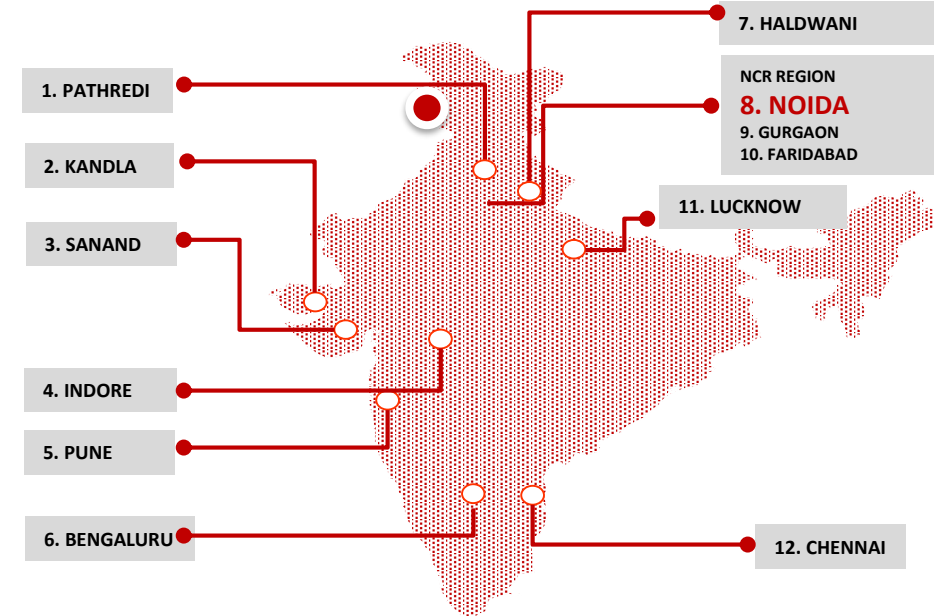
A global network of manufacturing facilities, engineering and design centres, marketing offices, logistic centres and sourcing hubs across the world to serve our customers globally in geographies of their presence.

Motherson
has over **425**
facilities in **44**
countries.



- | | | | | | | | |
|-------------|----------------|----------------|-------------------|----------------|----------------|----------------|-----------------|
| 1 Argentina | 7 Tunisia | 13 Jersey | 19 Czech Republic | 25 Lithuania | 31 Thailand | 37 New Zealand | 43 Turkey |
| 2 Brazil | 8 Morocco | 14 Ireland | 20 Poland | 26 India | 32 Vietnam | 38 Sri Lanka | 44 South Africa |
| 3 Mexico | 9 Spain | 15 UK | 21 Slovakia | 27 Russia | 33 Philippines | 39 Mauritius | |
| 4 USA | 10 Portugal | 16 Luxembourg | 22 Hungary | 28 China | 34 Singapore | 40 UAE | |
| 5 Serbia | 11 France | 17 Netherlands | 23 Finland | 29 Japan | 35 Indonesia | 41 Croatia | |
| 6 Italy | 12 Switzerland | 18 Germany | 24 Estonia | 30 South Korea | 36 Australia | 42 Cyprus | |

India Presence – 12 Locations



Unit Address: C-14 A & B Sector-1 Noida



KIRTI

KNOWLEDGEABLE
INTELLIGENT
REMARKABLE
TRUSTWORTHY
INNOVATORS

FORMATION DATE	: 13/08/ 2019
PROJECT START DATE	: 04/07/2025
PROJECT COMPLETION DATE	: 26/09/2025
MEETING DAY	: FRIDAY
NO OF MEETINGS .	: 12
MEETING TIME	: 1PM – 2PM
ATTENDANCE	: 100%

Our top customers



We believe that our
“Customers are the
foundation of our
success”



HONDA

Industry rankings:
We are one of the **Top 25**
Automotive suppliers
worldwide.

Source: Automotive News

AMAZE



CITY

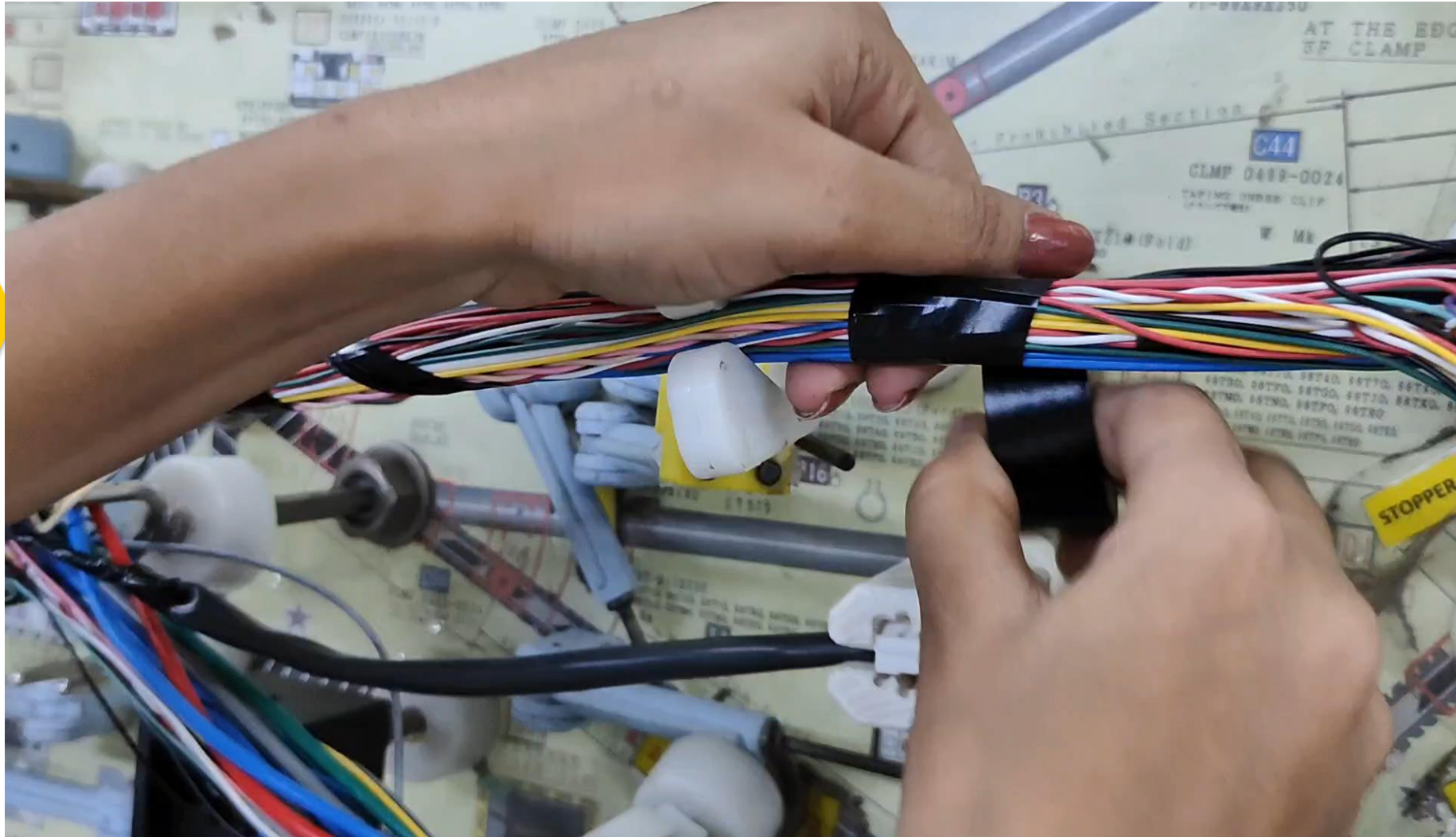


ELEVATE



Our Product : Integrated Wiring Harness

We Manufacture



Our Product
Wiring Harness

WORK RELATED PROBLEMS CATEGORIZATION BY BRAINSTORMING

QUALITY

S.NO	WORK RELATED PROBLEM	CATEGORY
1	Wastage bend	A
2	Crimping height wrong	A
3	Wire length variation	A
4	Terminal Twisting	A
5	Wire stripping variation	A
6	Cot tube angle cut	A
7	Wire angle cut	A
8	Conductor cut	A
9	Burr on Terminal Vinyl barrel	A
10	Terminal mouth press	A
11	Wire Conductor out	A
12	Terminal Deform	A
13	Wire Low core	A
14	Mis-crimping	A
15	Mis-stripping	A
16	Seal cut	A
17	No bell mouth	A
18	Terminal cut	A

COST

S.NO	WORK RELATED PROBLEM	CATEGORY
19	Terminal Reel damage	B
20	Wire bin damage	B
21	Cup broken	B
22	Raw water overflow	B
23	Wire spool worn out	B
24	Wire crimper broken	A
25	Cutter guide damage	A
26	Electrode breakage	A
27	Grommet jaws breakage	A

PRODUCTIVITY

S.NO	WORK RELATED PROBLEM	CATEGORY
28	Wire Shortage	B
29	Terminal Shortage	B
30	Air pressure low in HRW machine	A
31	Grease block in machine	A
32	Marking stamp malfunctioning	A
33	Low Machine Speed	B
34	Label printer not working	B
35	IT issues	B
36	High Set up Time	B
37	High Absenteeism	C

DELIVERY

S.NO	WORK RELATED PROBLEM	CATEGORY
38	Assembly line stop	B
39	Schedule adherence low	B
40	Packaging issue	B
41	Searching time	B
42	Delay in charging of ckt.	B

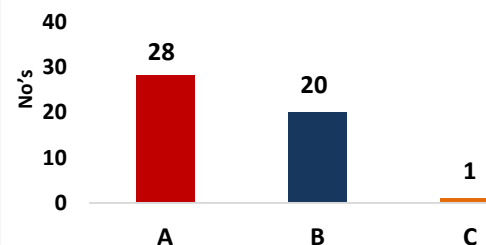
MORALE

S.NO	WORK RELATED PROBLEM	CATEGORY
43	Less Suggestions	B
44	Less participation	B

EHS

S.NO	WORK RELATED PROBLEM	CATEGORY
45	R-side safety cover broken in C&C	A
46	Fuse burn in Air compressor	B
47	Low lux level	A
48	New version safety sensor for Manual crimping machines	B
49	Safety sensor malfunctioning	A

ABC Categorization



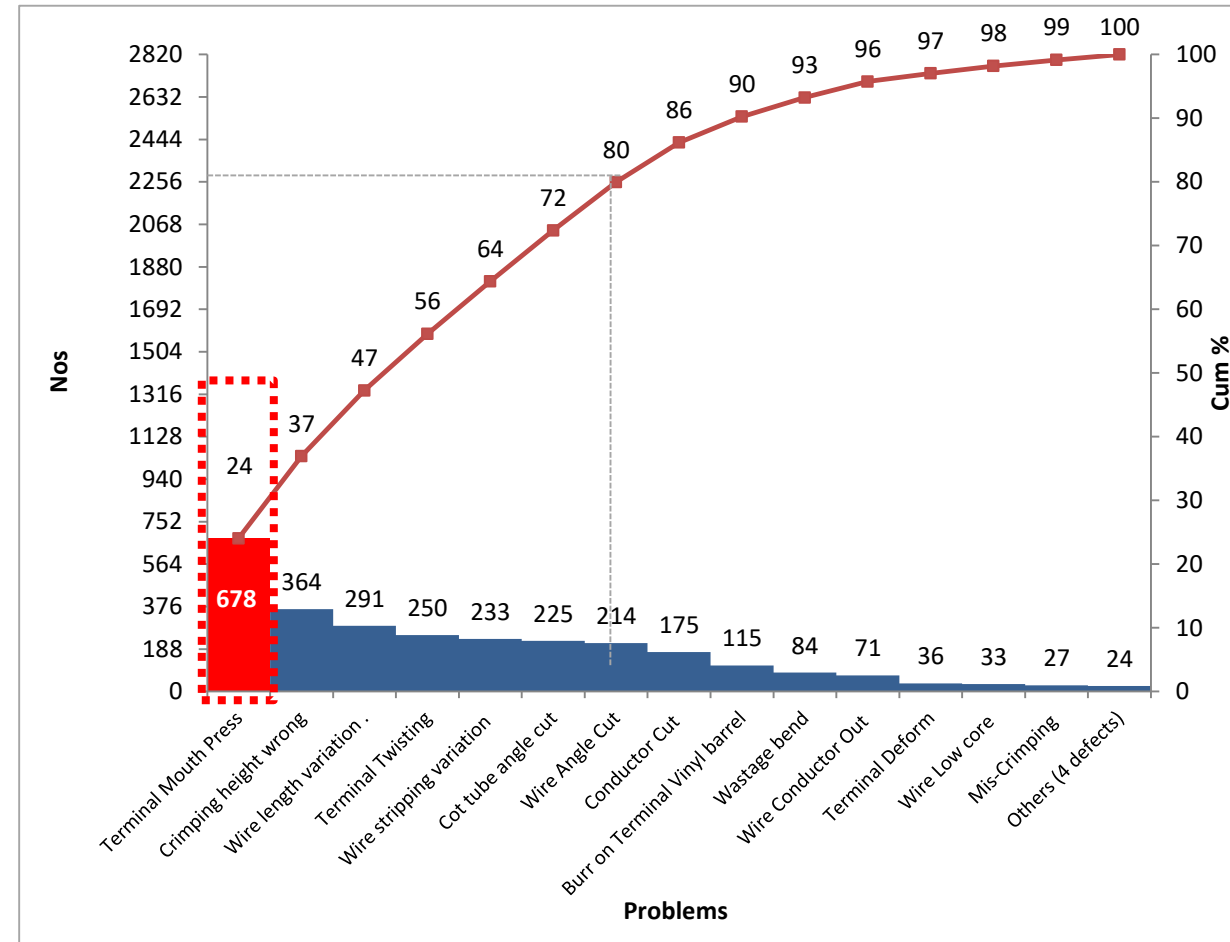
WORK RELATED PROBLEMS CATEGORIZATION BY BRAINSTORMING



"A" CATEGORY QUALITY RELATED PROBLEMS APRIL '25 ~ JUNE'25

S.No	Internal Problems	April-25	May-25	June-25	Total Qty.
1	Terminal Mouth Press	212	224	242	678
2	Crimping height wrong	122	119	123	364
3	Wire length variation .	97	83	111	291
4	Terminal Twisting	83	76	91	250
5	Wire stripping variation	80	70	83	233
6	Cot tube angle cut	72	74	79	225
7	Wire Angle Cut	60	74	80	214
8	Conductor Cut	52	58	65	175
9	Burr on Terminal Vinyl barrel	36	40	39	115
10	Wastage bend	22	28	34	84
11	Wire Conductor Out	18	23	30	71
12	Terminal Deform	10	12	14	36
13	Wire Low core	12	11	10	33
14	Mis-Crimping	10	9	8	27
15	Others (4 defects)	7	8	9	24
Total		893	909	1018	2,820

Prioritization of A Category Quality Related Problems (April'25-June'25)



Note : Customer End PPM: Zero [No outflow of Defect to Customer]

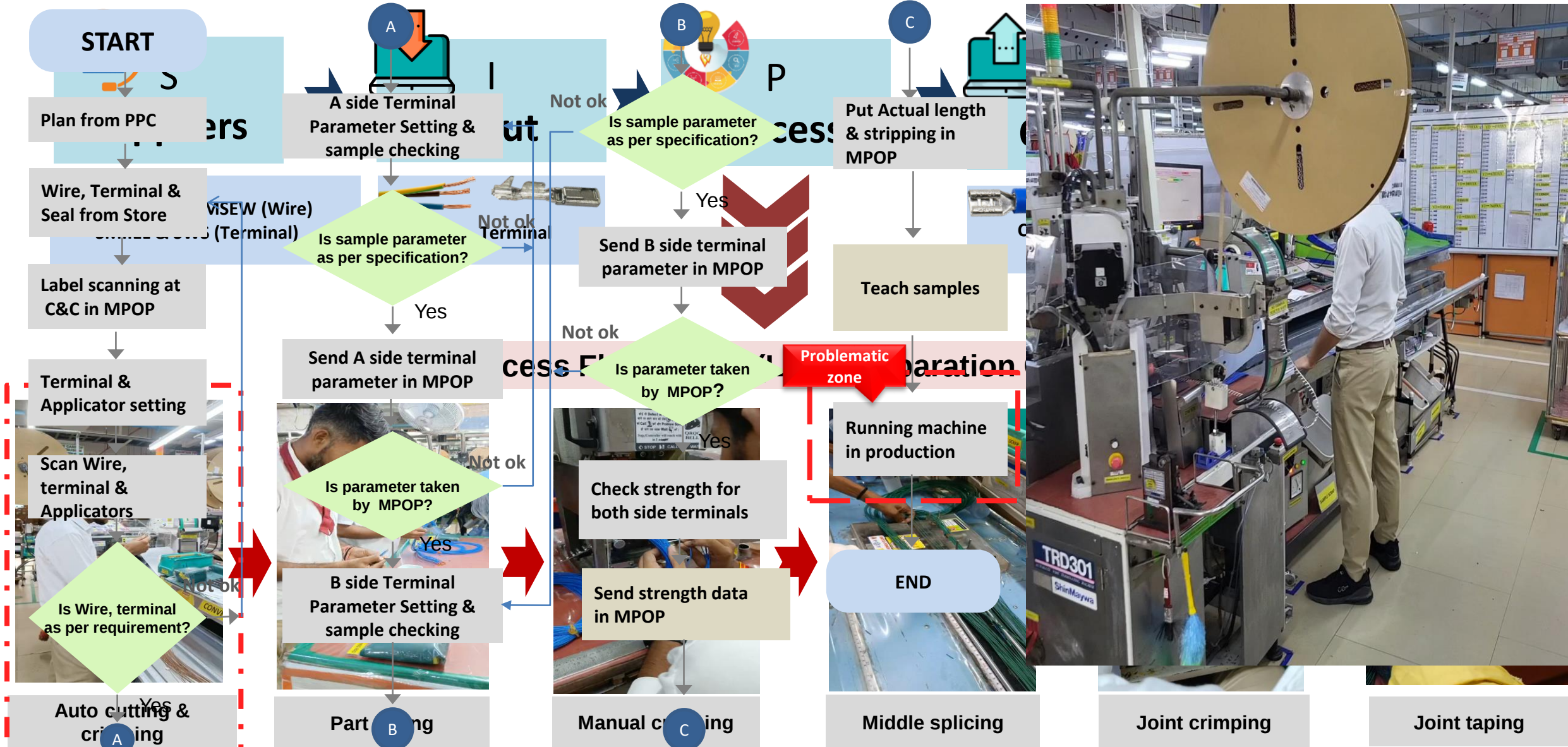
Team decided to work on Terminal Mouth Press in C&C Machine



STEP-2 : SELECTION OF PROBLEM

Month		04 th July-25 to 26 th Sept-25												
Sr. No	Steps of Problem Solving	W-1 04/7/25	W-2 11/7/25	W-3 18/07/25	W-4 25/07/25	W-5 1/8/25	W-6 8/8/25	W-7 22/8/25	W-8 29/8/25)	W-9 5/9/25	W-10 12/9/25	W-11 19/9/25	W-12 26/9/25	
1	Identification of work-related Problems													
2	Selection of Problem													
3	Define the Problem													
4	Analyse the Problem													
5	Identification of Causes													
6	Finding out the Root Causes													
7	Data Analysis													
8	Developing Solution													
9	Foreseeing Probable Resistance													
10	Trial implementation & Check Performance													
11	Regular implementation													
12	Follow-up & review													
		Planned						Actual				Delay		

Detailed Process Flow of Cutting & Crimping Machine

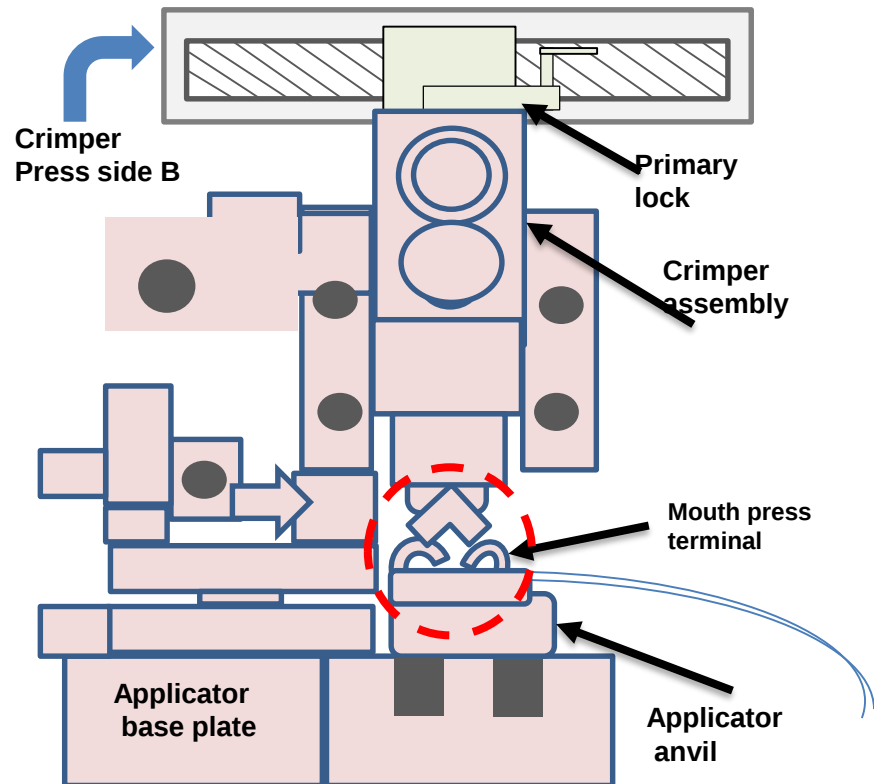


Cutting & Crimping Machine



What is Mouth Press?

It refers to an improper formation of the terminal mouth during the terminal crimping process. Mouth press is a change in the shape of the mouth from the standard requirement.



Terminal Mouth Press

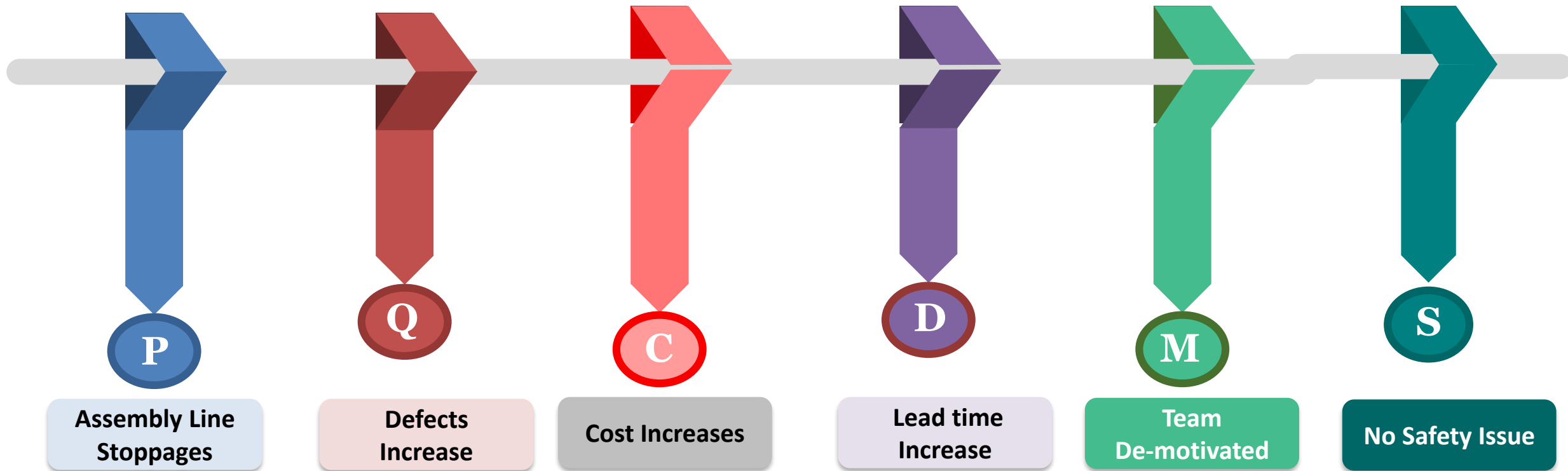


OK PART



NG PART

Effect on Internal Customer

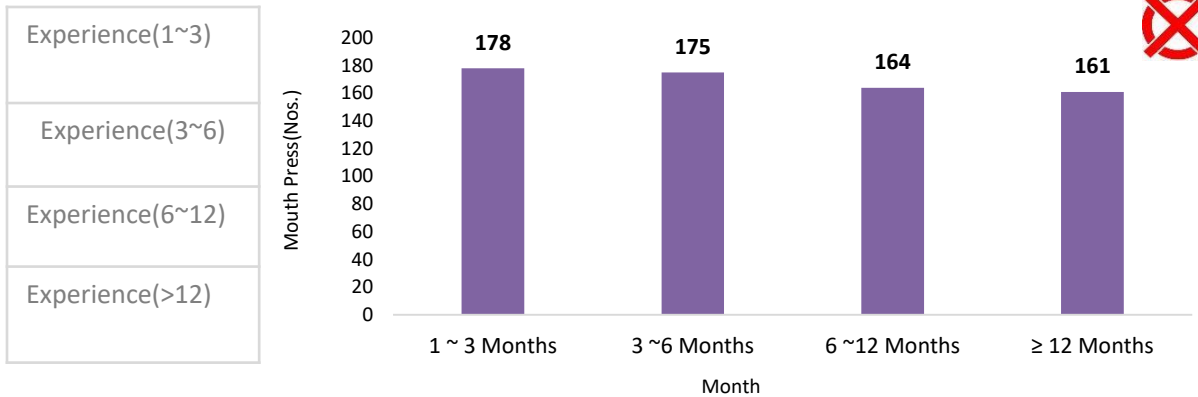


Effect on External Customer

**Mating Part not fitted due to
Mouth press in Terminal**

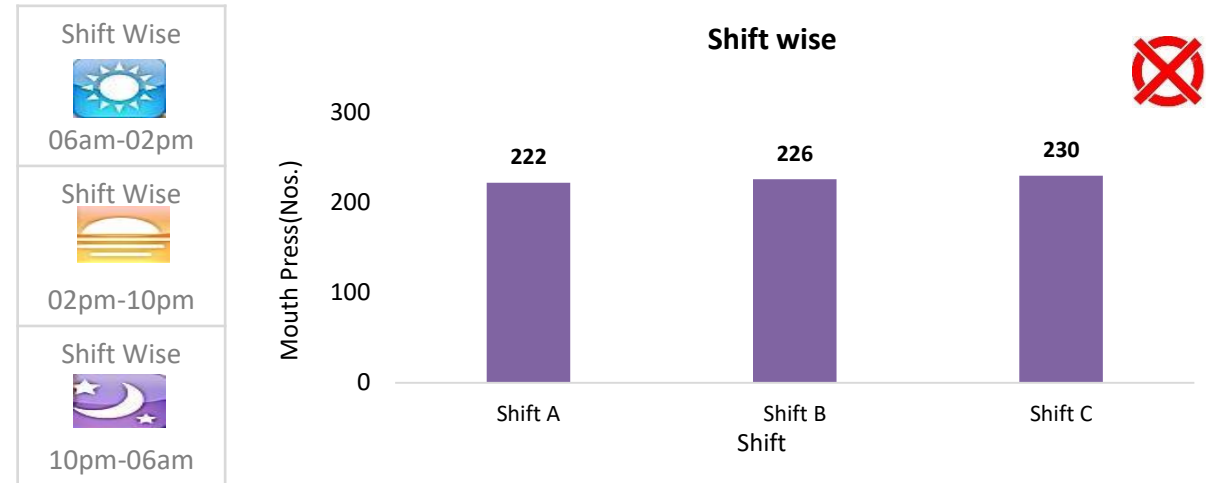
What	By When	Where	Who	How
Associate experience wise	18 th -25 th Jul 2025	Plant Control Data	Vipasa	Data Collection Template

Associate Experience wise



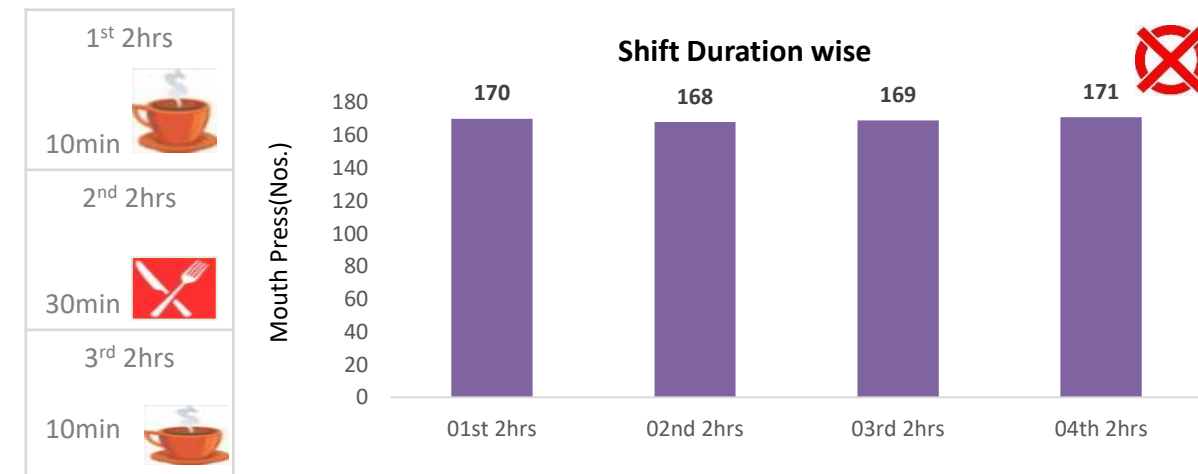
What	By When	From Where	Who	How
Shift wise	18 th -25 th Jul 2025	Plant Control Data	Ashwarya	Data Collection Template

Shift wise



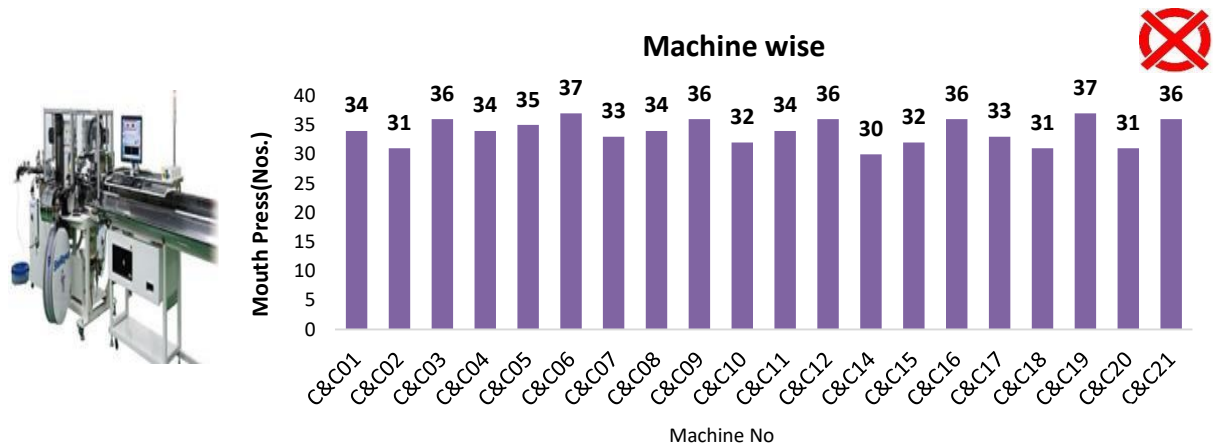
What	By When	From Where	Who	How
Shift Duration Wise	18 th -25 th Jul 2025	Plant Control Data	Akhand	Data Collection Template

Shift Duration wise



What	By When	From Where	Who	How
Machine Wise	18 th -25 th Jul 2025	Plant Control Data	Monika	Data Collection Template

Machine wise



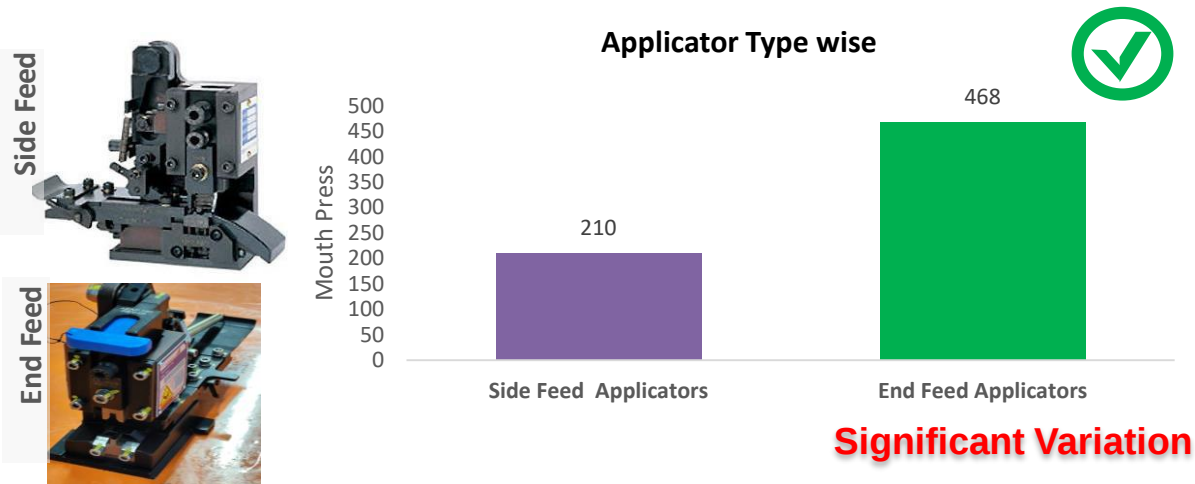
No Significant Variation



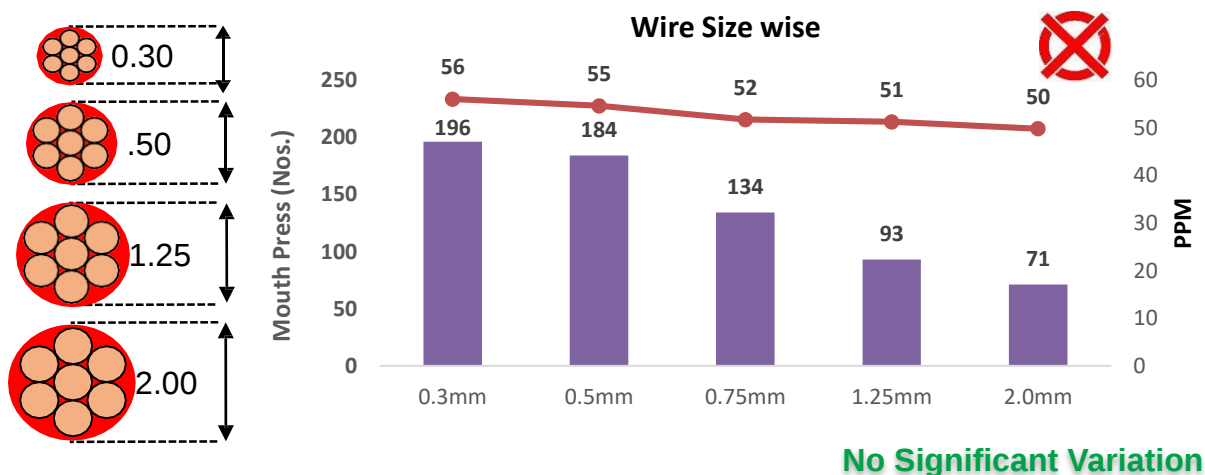


STEP-4 : ANALYSE THE PROBLEM

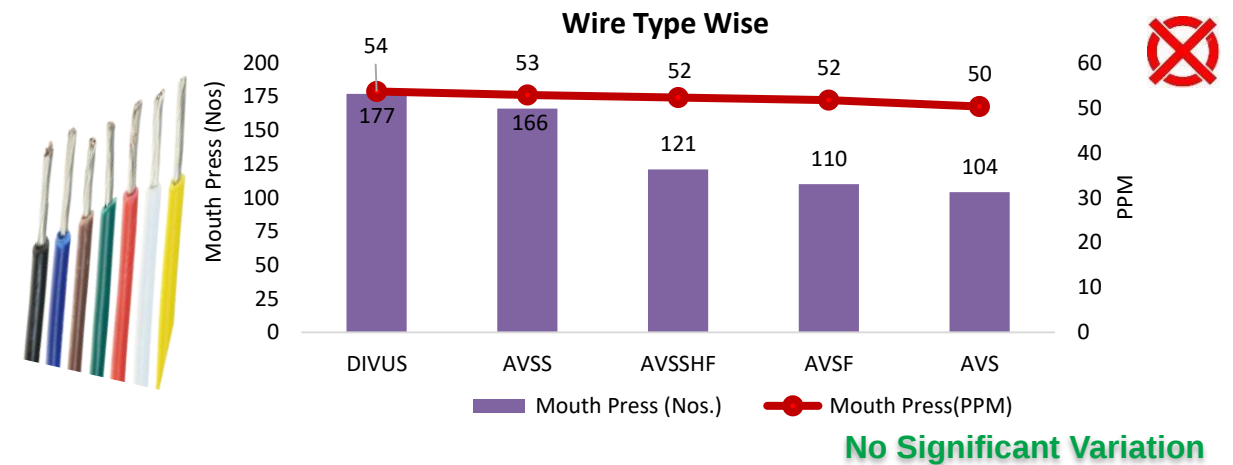
What	By When	From Where	Who	How
Applicator Wise	18 th -25 th Jul 2025	Plant Control Data	Akhand	Data Collection Template



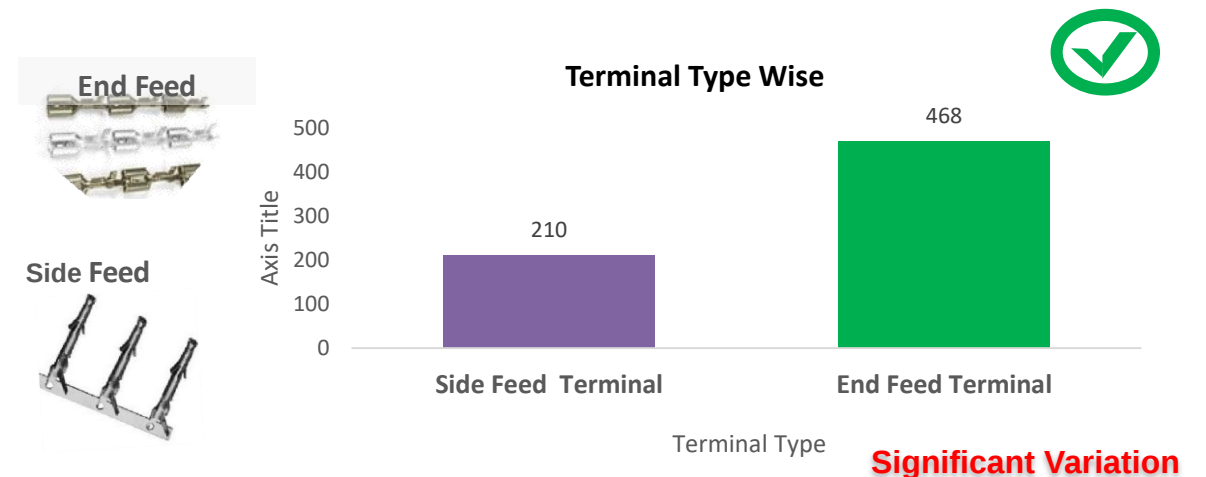
What	By When	From Where	Who	How
Wire Size Wise	18 th -25 th Jul 2025	Plant Control Data	Shuruti	Data Collection Template



What	By When	From Where	Who	How
Wire Type wise	18 th -25 th Jul 2025	Plant Control Data	Ashwarya	Data Collection Template



What	By When	From Where	Who	How
Terminal Type	18 th -25 th Jul 2025	Plant Control Data	Monika	Data Collection Template



“Don’t be **UPSET,
Just **Rise & Reset**”**



**With courage and strength,
there’s no limit **Yet...**”**

SUMMARY

Significant Variation
found in Applicator
and Terminal type
wise



Specific

Measurable

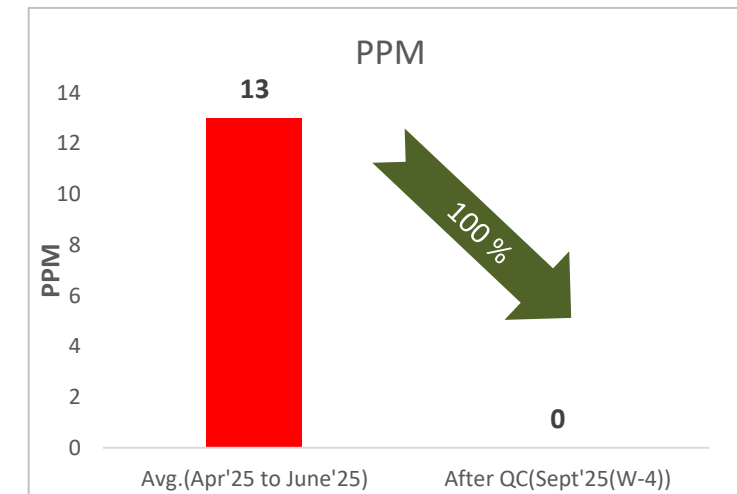
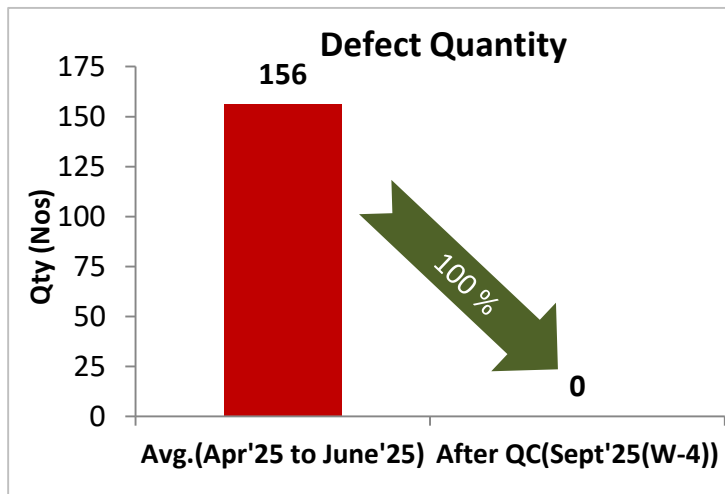
Attainable

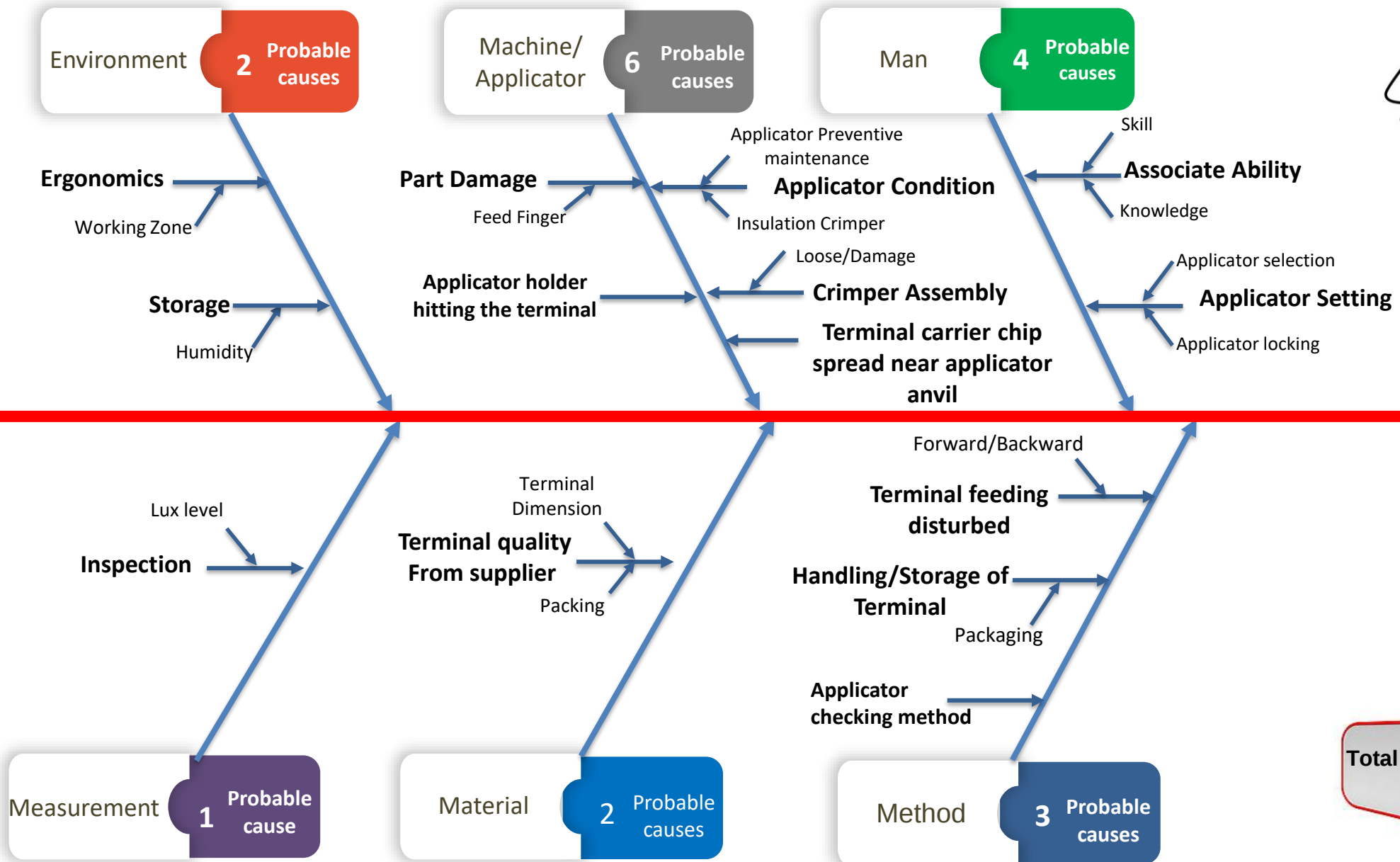
Realistic

Time bound

Project Selection: To Eliminate End Feed
Terminal Mouth Press in C&C Machine

TARGET SET-UP





Mouth Press



Total Causes
18



STEP – 5 IDENTIFICATION OF CAUSES

motherson 

Selection Criteria : At least 3 vote of Strong Rating

Sr.No	Cause Category	Causes	Priority Rating (1~5)									Accept For Validation	Drop For Validation	Drop Remarks
			Team Member					Area Experts			Grand Total			
			Akhand	Ashwarya	Shruti	Monika	Vipasa	Saurabh (LPC)	Vinit (Maint.)	Himansh u (QPC)				
			Work Experience	12 years	5 years	6 years	6 Years	3 Year	14 Years	10 Years				
1	Man	Skill	5	4	5	4	5	5	4	5	37	√		
2		Knowledge	5	4	4	4	5	5	4	4	35	√		
3		Applicator selection	1	1	2	1	1	1	2	1	10			Poka-Yoke
4		Applicator locking	1	1	1	1	1	1	2	1	09			Poka-Yoke
5	Machine/ Applicator	Applicator preventive Maintenance	1	1	2	1	1	1	1	1	09			As Per BOM
6		Insulation crimper	1	1	2	1	1	1	2	1	10			Zero miss case
7		Crimper assembly loose/damage	1	1	1	1	2	1	1	1	09			Daily checking Available
8		Terminal carrier chip spread near applicator anvil	5	4	4	5	5	4	5	5	37	√		
9		Feed finger	1	2	1	1	2	1	1	1	10			Poka-Yoke
10		Applicator holder hitting the terminal	5	5	4	3	5	3	5	4	34	√		
11	Method	Terminal feeding disturbed	5	4	5	4	5	5	4	5	37	√		
12		Handling/storage of terminal (packing)	1	1	2	1	1	2	1	1	10			Found as per OST
13		Applicator checking method availability	1	1	1	2	1	1	2	2	11			OST available at all C&C machines
14	Material	Terminal dimension	1	2	1	1	2	2	1	2	12			All terminals lots checked by PI department when new lots received
15		Packing	1	1	2	1	1	1	1	1	09			Zero mismatch cases
16	Environment	Working zone	1	1	2	1	1	1	2	1	10			Positive Feedback
17		Humidity	1	1	1	1	2	1	1	1	09			Daily Monitoring done
18 21	Measurement	Lux level	1	1	1	1	2	1	1	1	09			As per Standard

Validation Of Significant Cause in Associate

What	When	Where	Who	How
Skill & knowledge	01st ~ 7 th Aug'25	In C&C process	Shruti	Knowledge test :- 4 theoretical questions each for 5 different categories. Skill test :- Analysis on basis of time taken(Job setup) and defect occurred.

Skill Evaluation



Process	Job setup time		Self-Inspection time		No. of Associates
	Standard (In Min.)	Observe (In Min.)	Standard (In Min.)	Observe (In Min.)	
C&C	03:15 ~ 04:45	3:56	01:45 ~ 02:15	1:55	60

Skill Levels & their definitions

C&C associate skill		
Skill level	No. of associate on that skill	
4		32
3		18
2		10
1		0

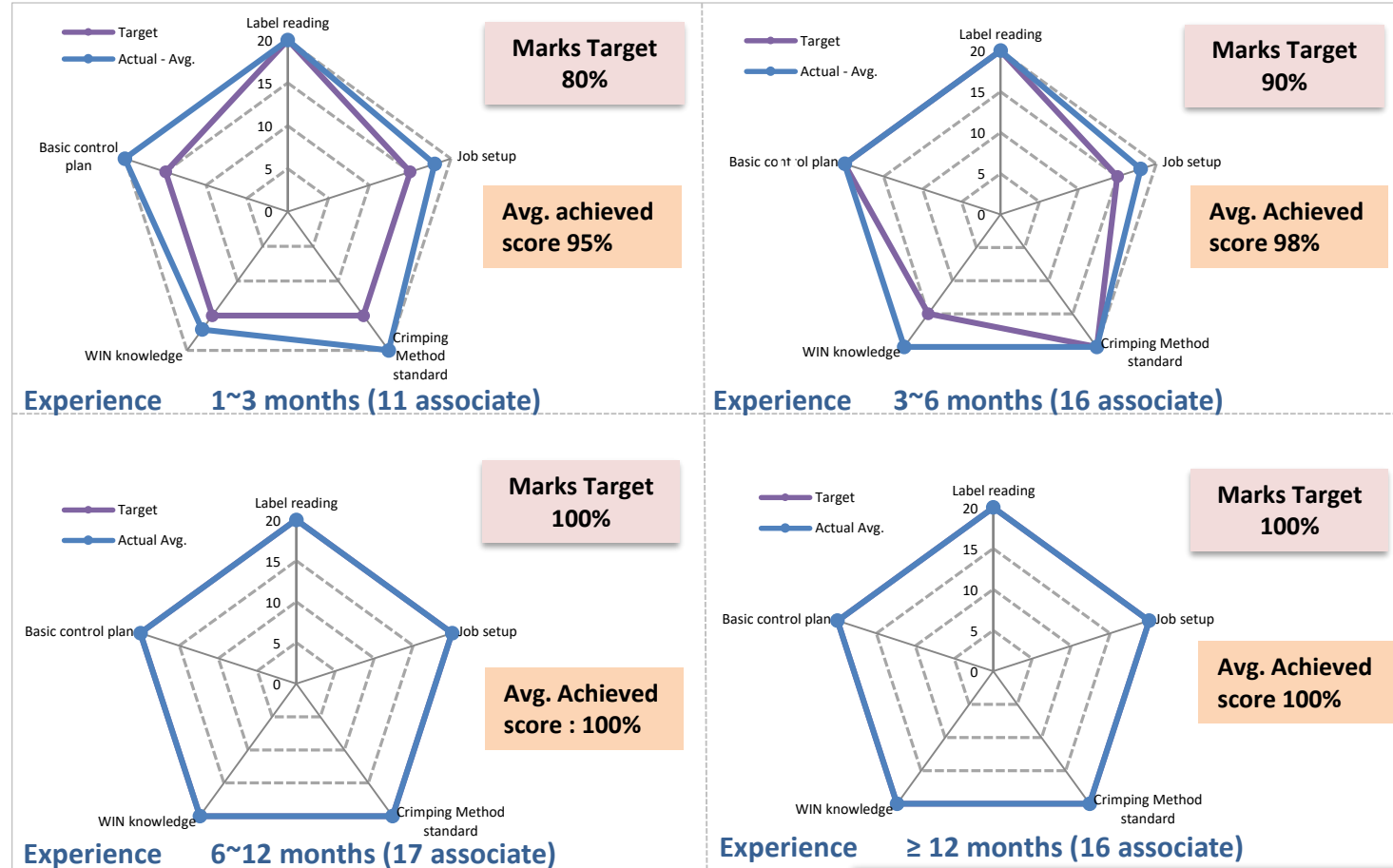
4=> Can be considered for multi skilling in other process.

3=> Can assist new associate in same process.

2=> Can work alone (Desired level)

1=> Needs full supervision.

Knowledge Evaluation



C&C Test Paper

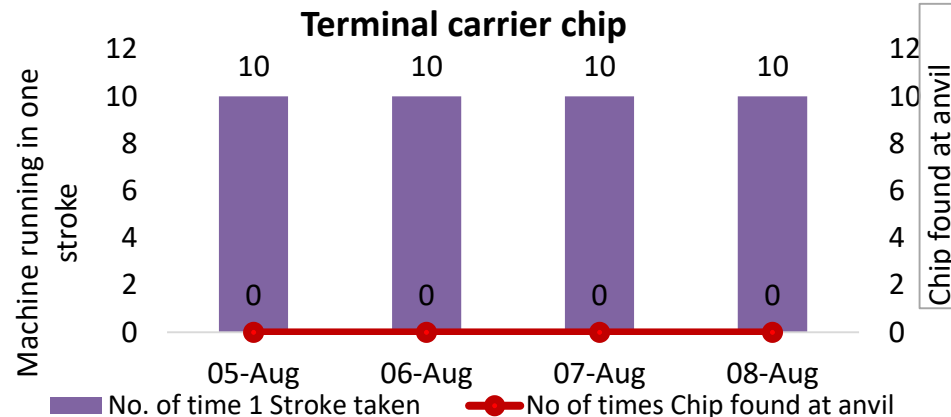
✓ All C&C Associates found knowledgeable and skilled

CAUSE INVALID

Validation Of Significant Cause in Associate

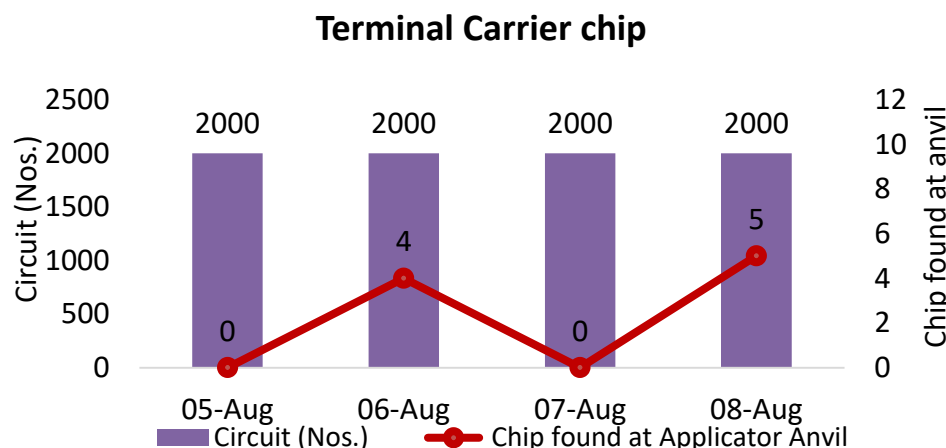
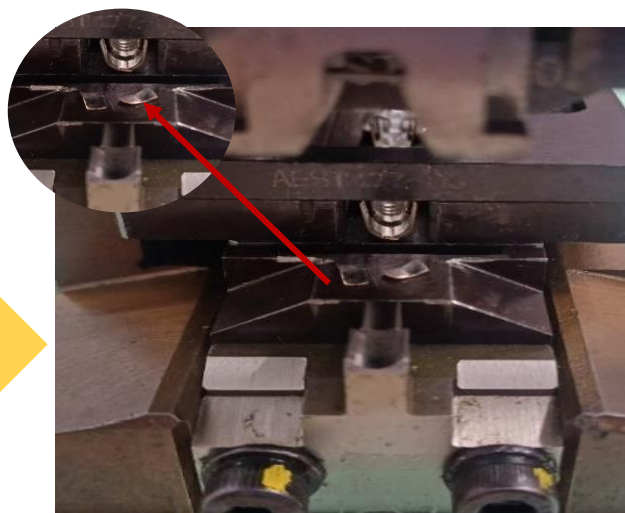
What	When	Where	Who	How - 3G
Terminal carrier chip spread near applicator anvil	05 th ~ 8 th Aug'25	In C&C process	Akhand/Ashwarya	Checked terminal carrier chip alignment

During Machine Running in one stroke cycle.



No terminal carrier chip observed at applicator anvil

During Machine running



Observed Terminal carrier chip scattered at anvil during crimping

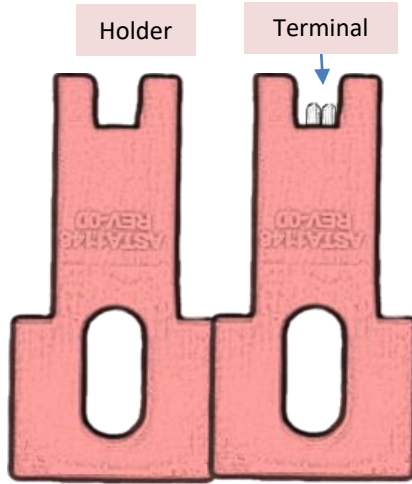
✓ Observed Terminal Carrier chip scattered at anvil during machine running mode

CAUSE VALID

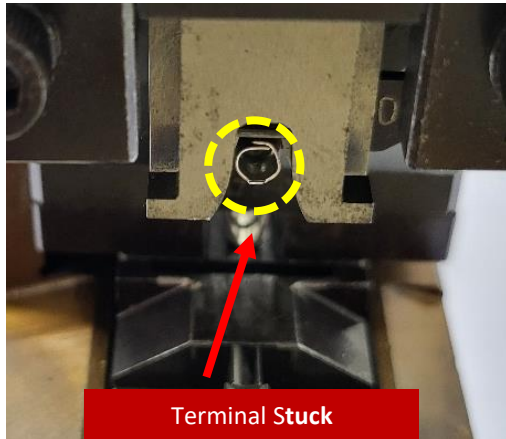
Validation Of Significant Cause in Associate

What	When	Where	Who	How- 3G
Applicator holder hitting the terminal	09 th ~ 13 th Aug'25	In C&C process	Vipasa/Monika	Checked Terminal placement in Terminal Holder & during crimping

Terminal placement in terminal holder

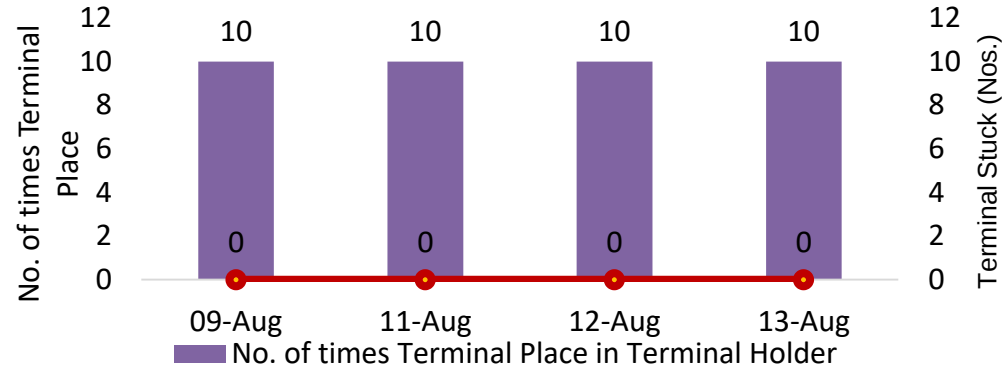


Terminal placed in terminal holder



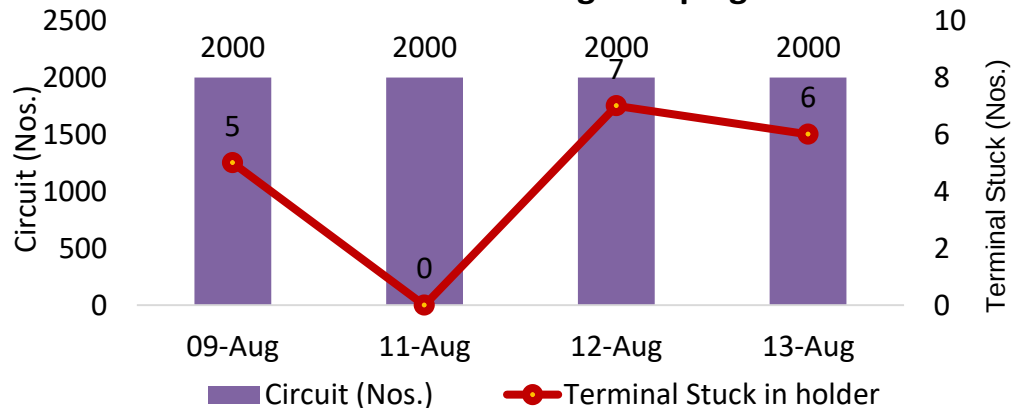
During Machine running

Terminal Stuck in Terminal Holder



No terminal stuck in terminal holder

Terminal Stuck During Crimping



Found Terminal getting stuck during crimping

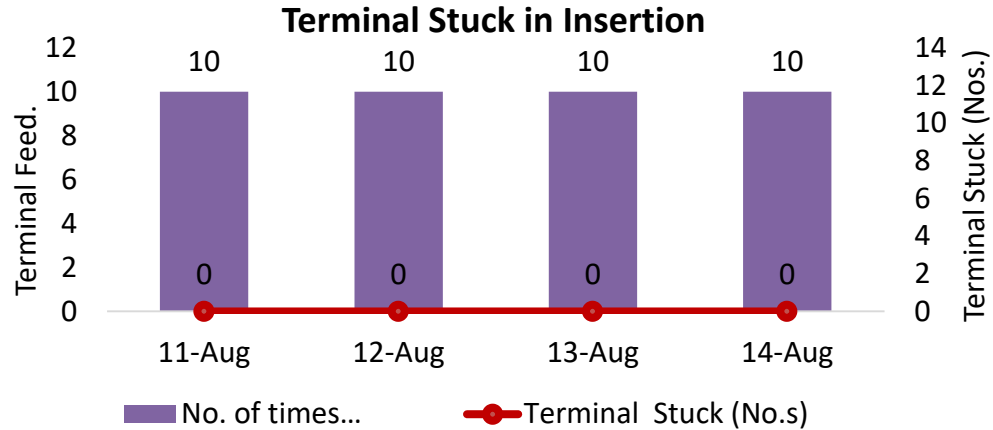
✓ Observed Terminal stuck during crimping

CAUSE VALID

Validation Of Significant Cause in Associate

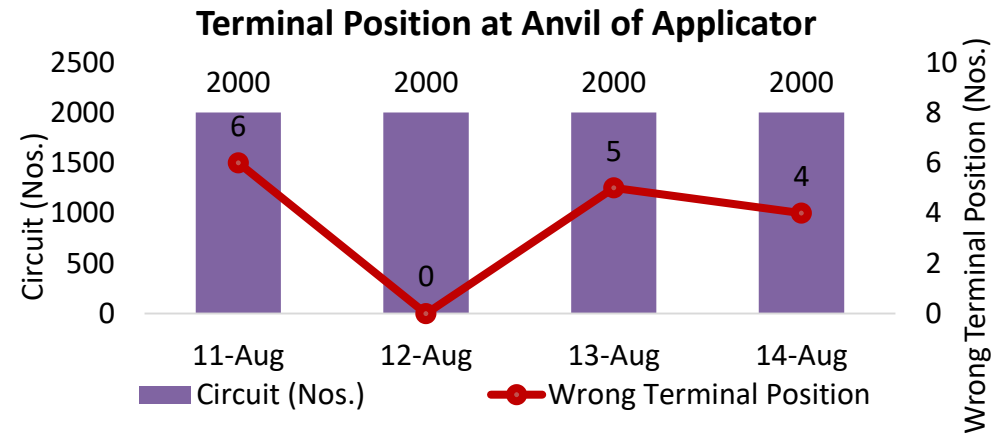
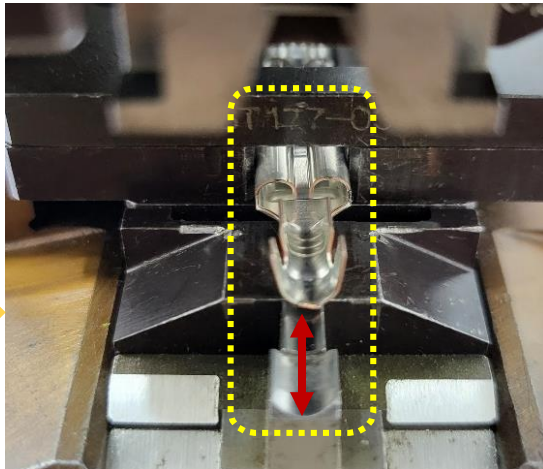
What	When	Where	Who	How- 3G
Terminal feeding disturbed	11 th ~ 14 th Aug'25	In C&C process	Akhand/Vipasa	Checked terminal insertion in applicator & during crimping

Terminal insert in applicator



No terminal stuck during terminal feeding in applicator.

During Machine running



Variation in terminal feeding position observed during crimping.

✓ Found variation in terminal feeding position during crimping

CAUSE VALID



CHASE THE WING AND FLY HIGH
“LET’S START WHY? WHY? WHY?”



Why-Why Analysis for Mouth Press

Terminal carrier
chip spread near
applicator anvil

01

Why?



Chips are not getting
inside the chip
collector
through applicator
cut passage

02

Why?



No sufficient
space/blockage in chip
collector passage

03

Why?



Some time Applicator
Cleaning forgot by
machine associate

04

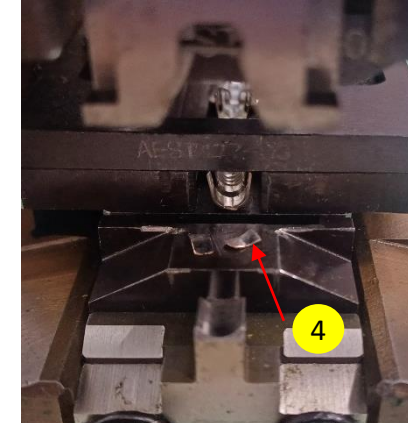
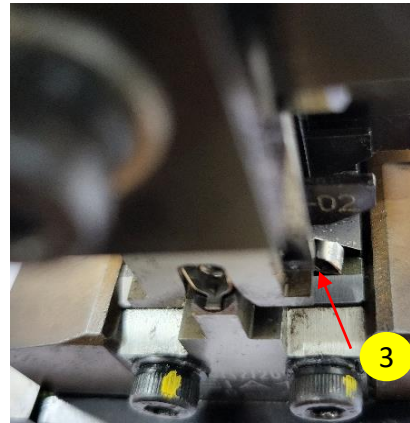
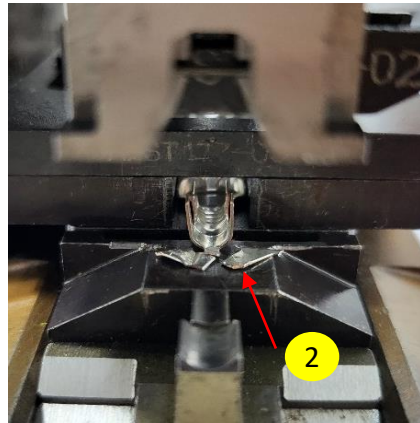
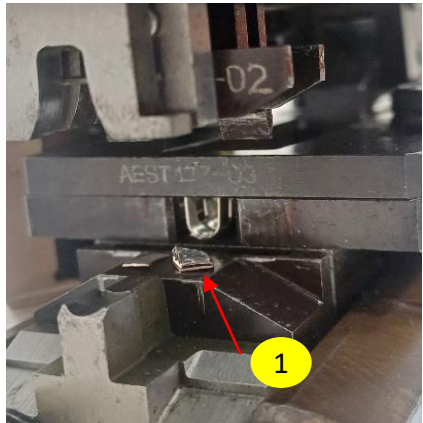
Why?



Applicator Cleaning
manually done by
machine associate

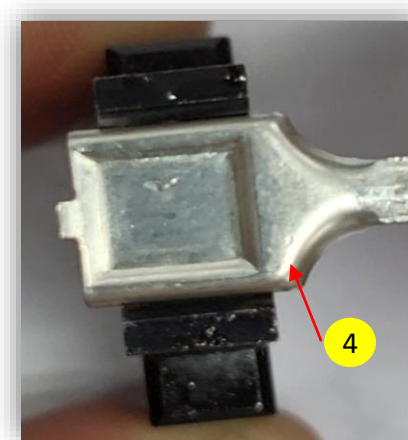
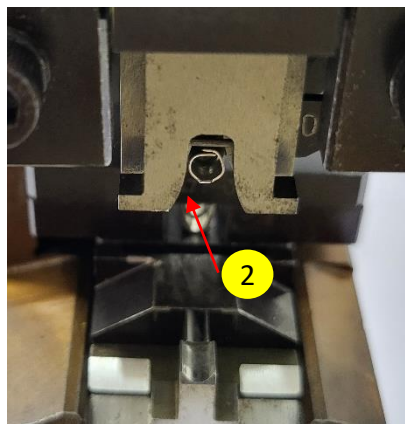
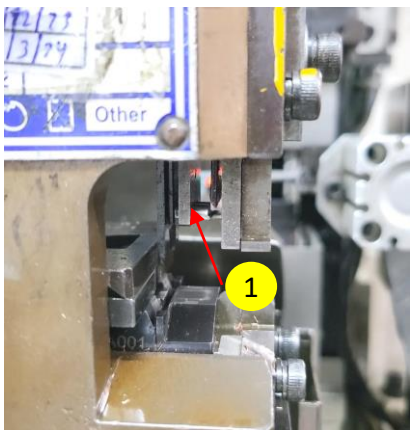
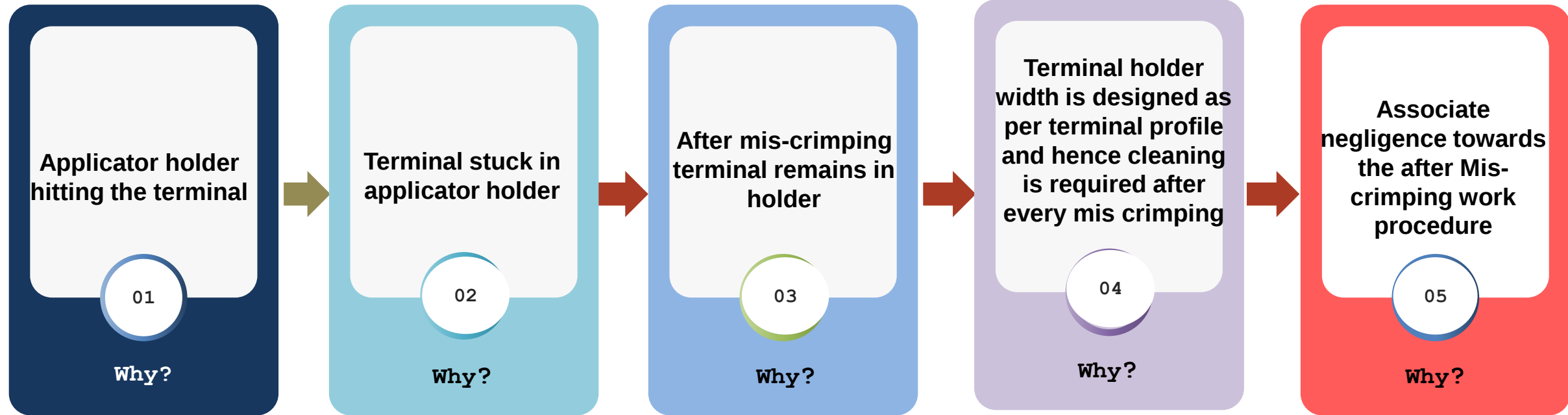
05

Why?



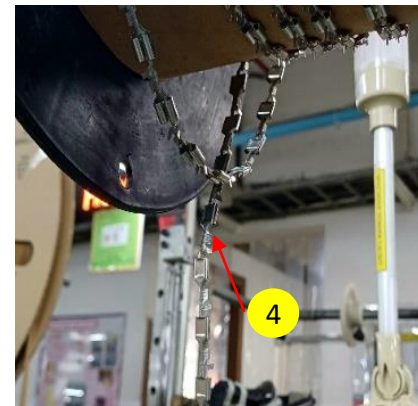
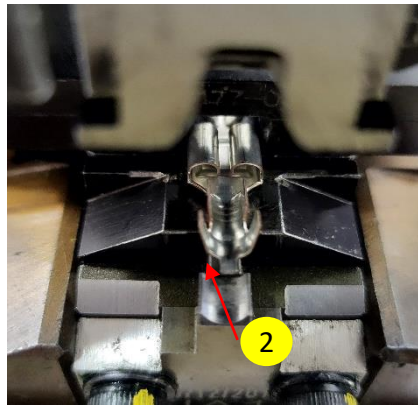
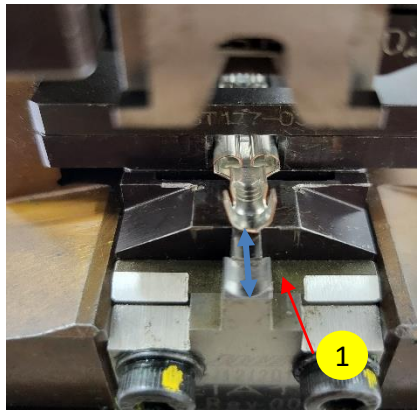
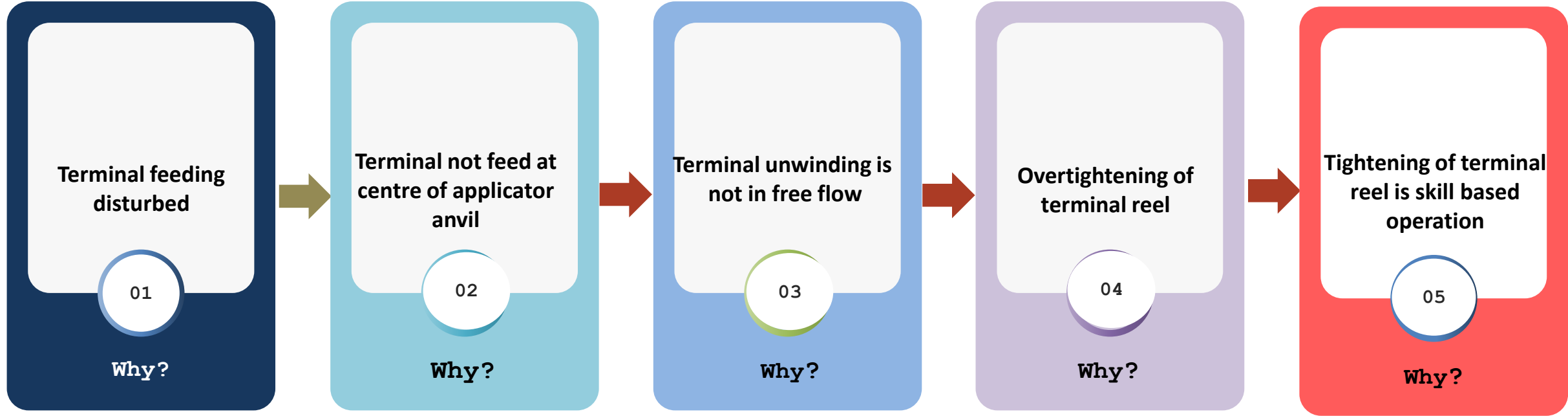
1st Root
Cause

Why-Why Analysis for Mouth Press



2nd Root Cause

Why-Why Analysis for Mouth Press



3rd Root Cause



KIRTI

What

Simulation of all
3 Root Causes

Where

C&C Machine

When

22th Aug'25~
28th Aug'25

Who

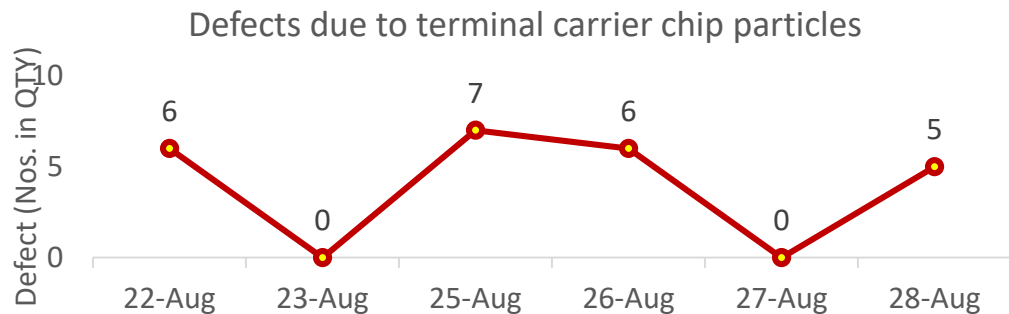
QC Team

How

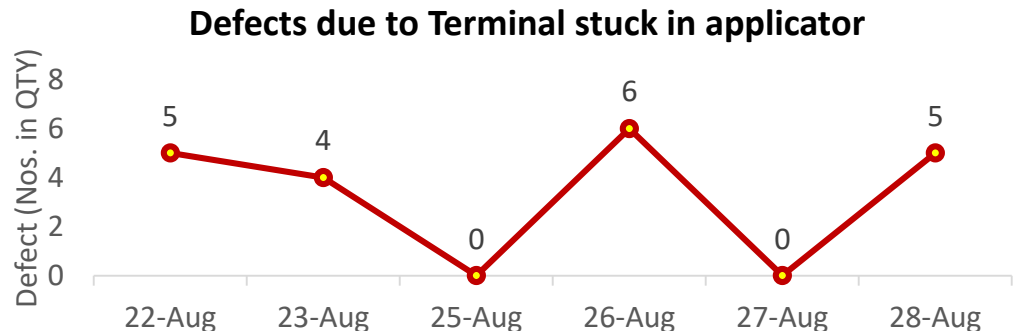
By 3G/
SimulationHow
Much

2000pcs/day

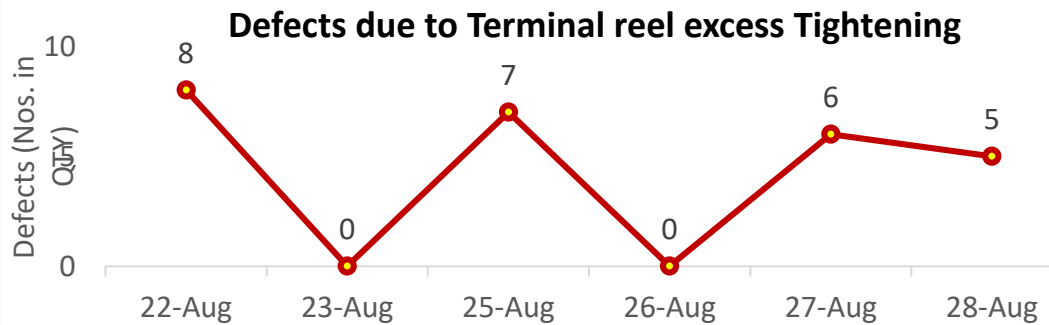
RC-1 Applicator Cleaning manually done by machine associate



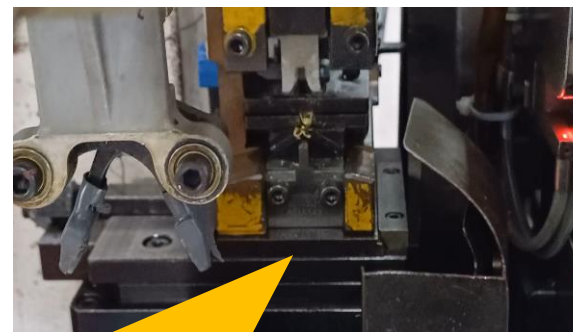
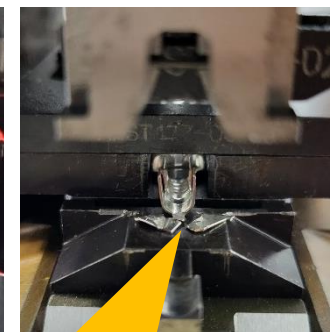
RC-2 Associate negligence towards the after Mis-crimping work procedure



RC-3 Tightening of terminal reel is skill based operation



motherson

Mouth press defect occur due to carrier chip stuck
at anvilTerminal carrier chip
scattered at anvil areaMouth press defect occur due to terminal holder
inappropriateTerminal carrier chip stuck
in terminal holder

Mouth press defect occur due to reel tightening

Terminal reel excess
tightening in running

Conclusion : - All three root causes leads to mouth press.

Conclusion of Three Root Causes

Applicator Cleaning manually
done by machine associate

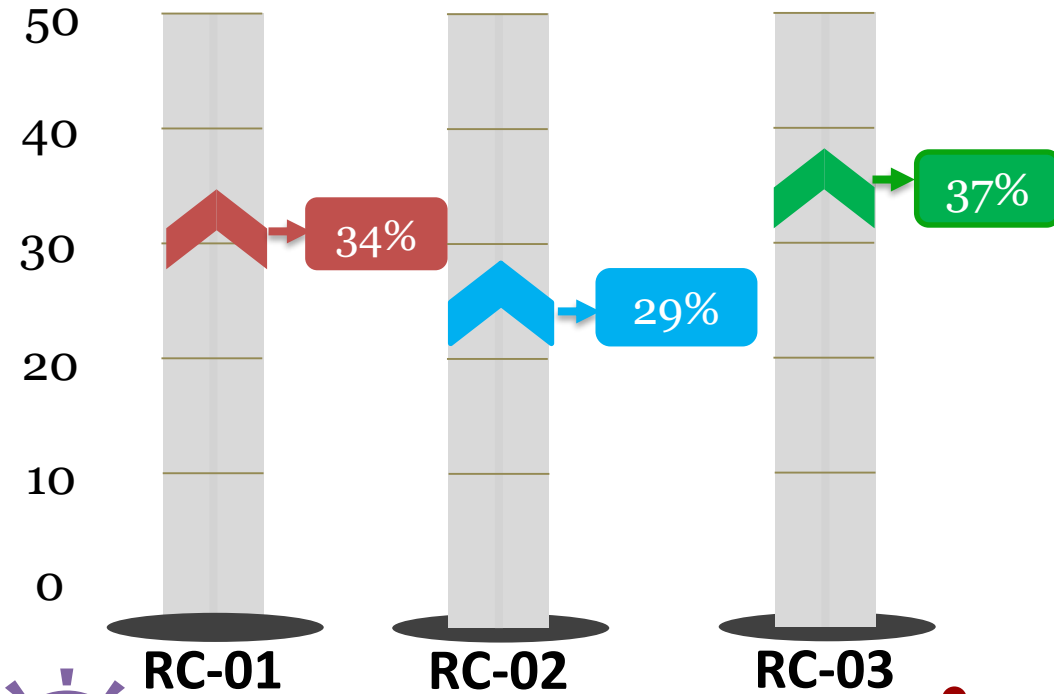
24
defect

Associate negligence
towards the after Mis-
crimping work procedure

20
defect

Tightening of terminal reel
is skill-based operation

26
defect



Quick evaluation.

All root causes were contributing
into defect generation.

Quick response.



Follow Your Passion

Let's move on to Developing Solutions

It's time to
check the

Resistance



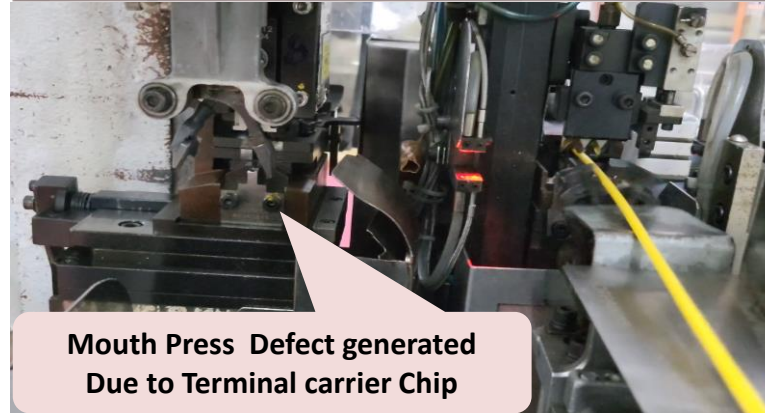
RC 1:(Sol-1) Automatic Air Blower Provide

Root Cause	What	When	Where	Who	How	How Much	Temporary Check
Applicator Cleaning manually done by machine associate	Automatic Air Blower provide	29 th Aug'25- 05 th Sept'25	In C&C process	QC Team	With the Help of Maintenance team	01 Machine	Training given to all associates & Check sheet provided for defect recording

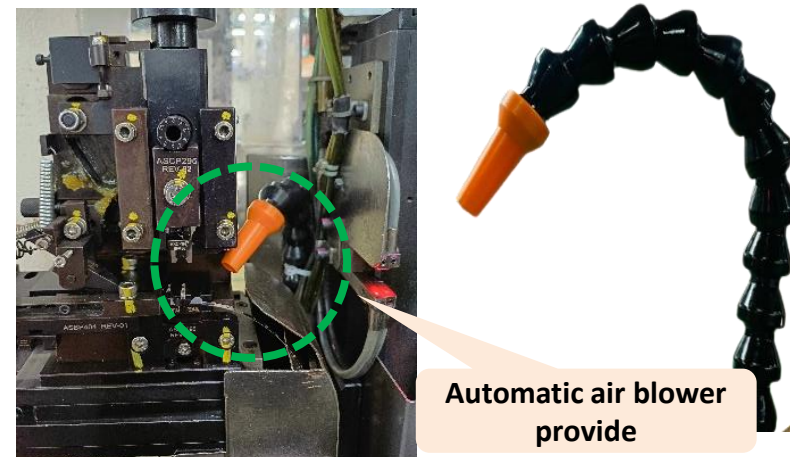
BEFORE



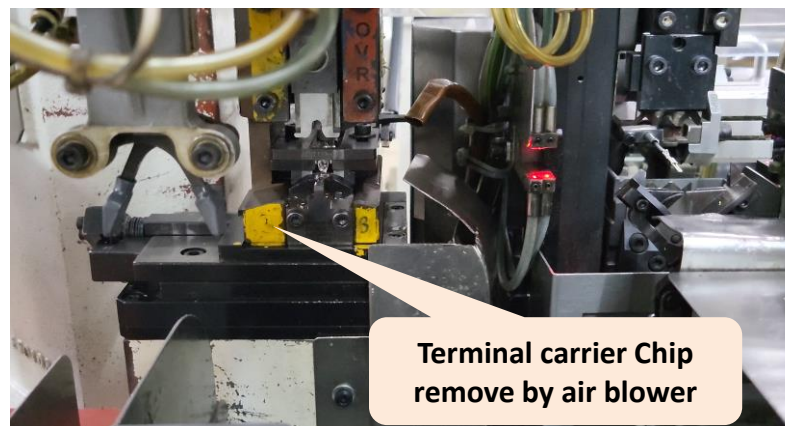
Effect:- Defect out flow may occur



AFTER



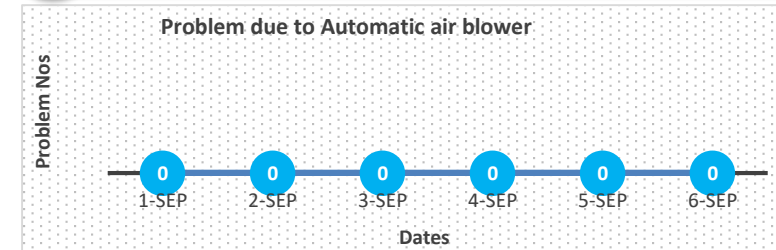
Effect:- Onsite Automatic Air blower provide



P Productivity

- ☐ Machine Run Continuously Which leads to improve in productivity.

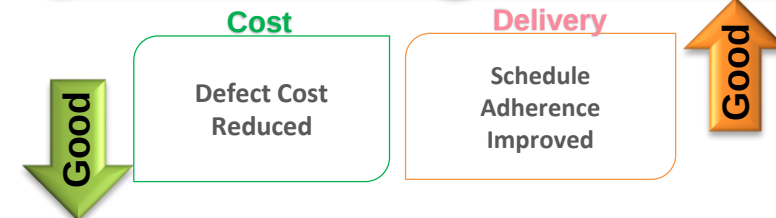
Q Quality



- ☐ This Cause Eliminated
- ☐ No other defect occurred.

C Cost

D Delivery



M Morale

S Safety

Team Morale High



ZERO INCIDENT



**Air blower remove the Terminal Carrier
Particles from Applicator Anvil.**

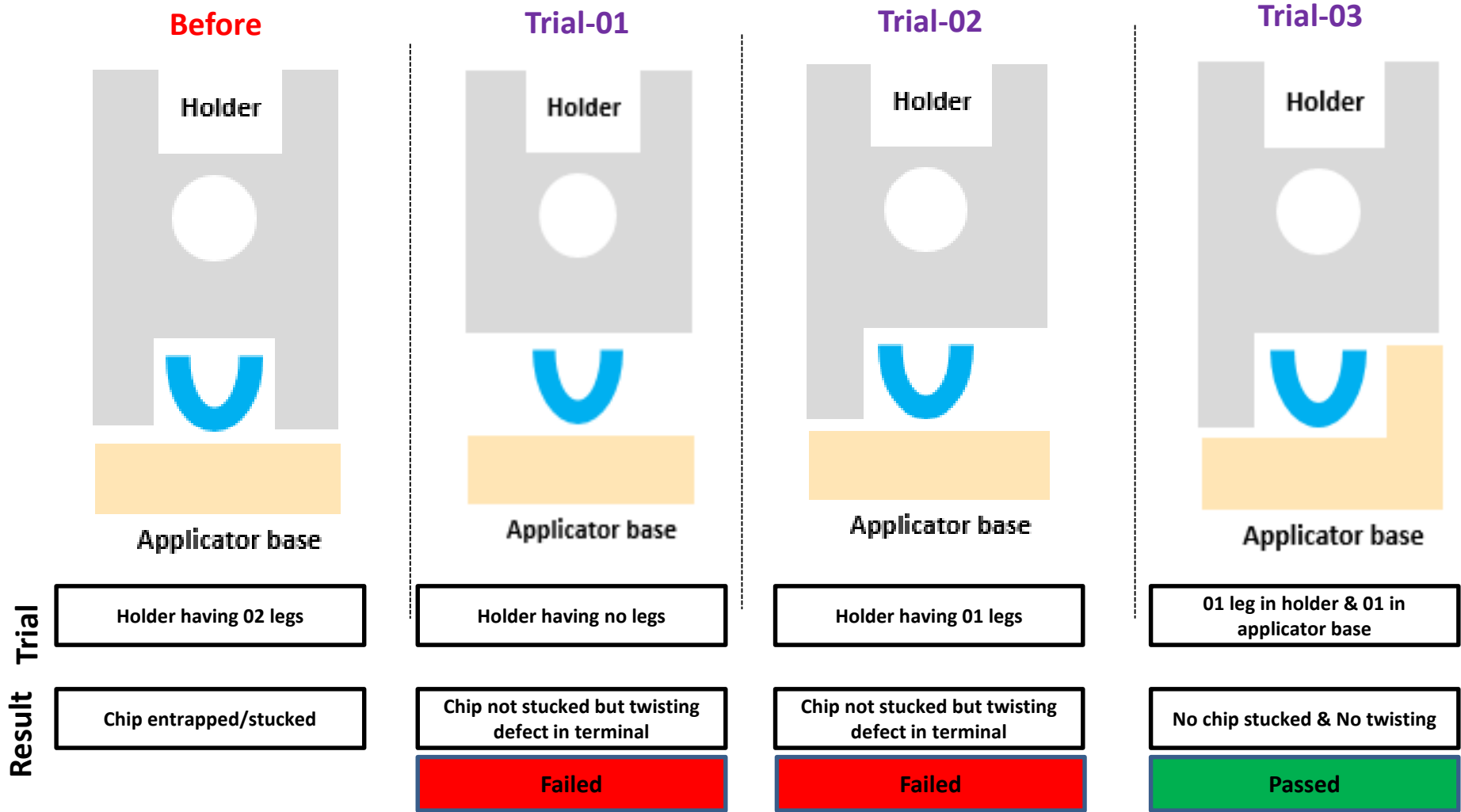


TRIAL IMPLEMENTATION

RC 2 :(Sol-2) Terminal holder design Change

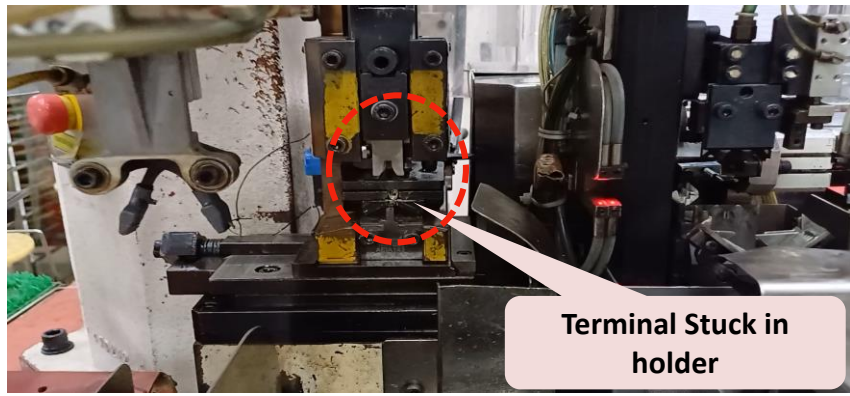
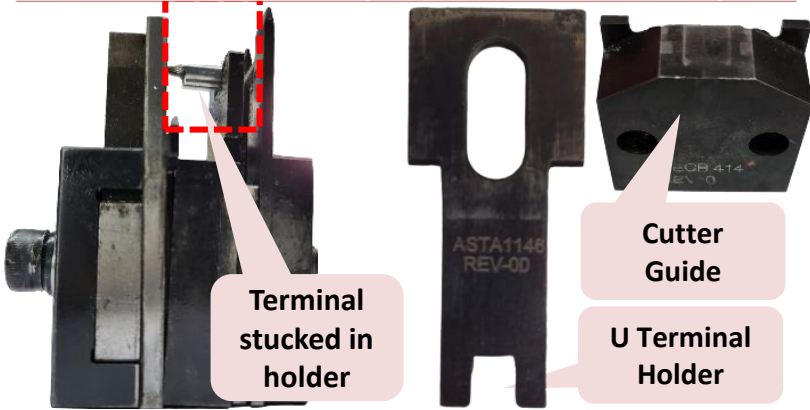
Root Cause	What	When	Where	Who	How	How Much	Temporary Check
Associate negligence towards the after Mis-crimping work procedure	Terminal Holder design change from Shape	2nd~ 05 th Sept'25	In C&C process	QC Team	With the Help of Maintenance team	05 Applicator	Training given to all associates & Check sheet provided for defect recording

Multiple Trials conducted for design modification



RC 2 :(Sol-2) Terminal holder design Change

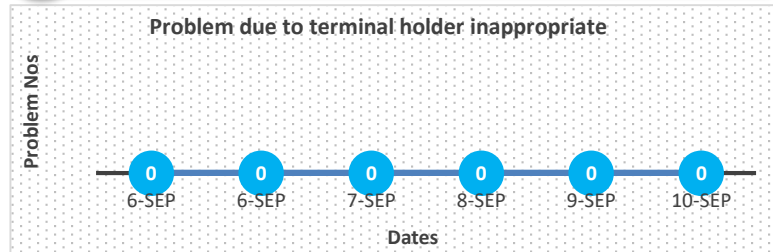
Root Cause	What	When	Where	Who	How	How Much	Temporary Check
Associate negligence towards the after Mis-crimping work procedure	Terminal Holder design change from (U to L)Shape	2nd~ 05 th Sept'25	In C&C process	QC Team	With the Help of Maintenance team	05 Applicator	Training given to all associates & Check sheet provided for defect recording



P Productivity

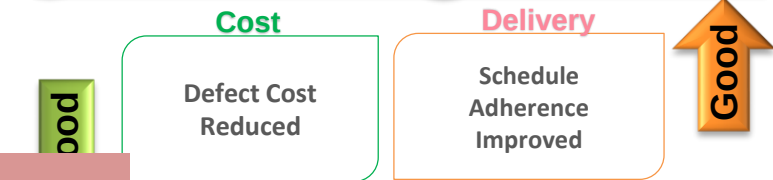
- ☐ Machine Run Continuously Which leads to improve in productivity.

Q Quality

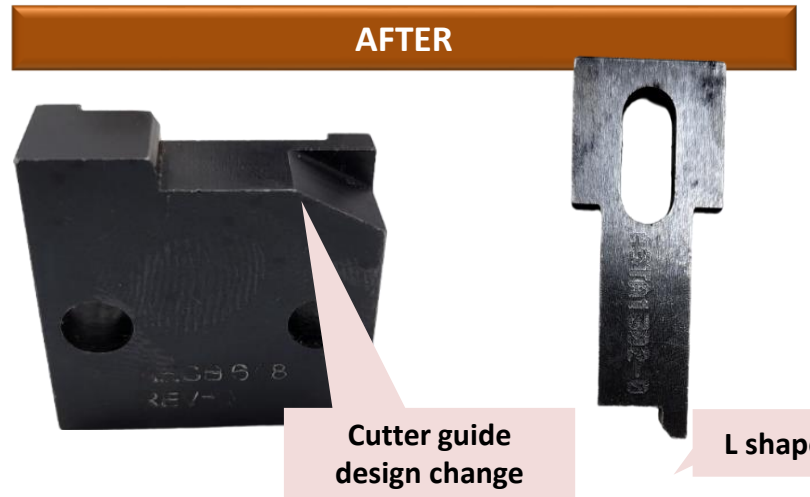


- ☐ This Cause Eliminated
- ☐ No other defect occurred.

C Cost

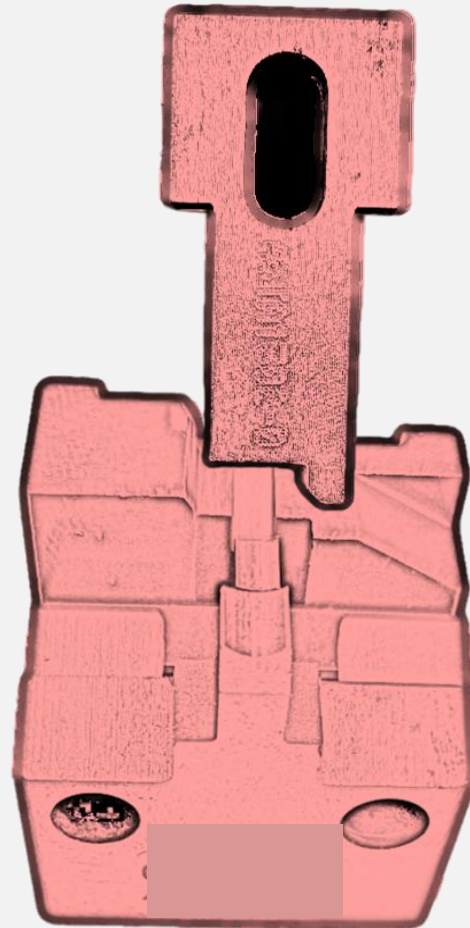
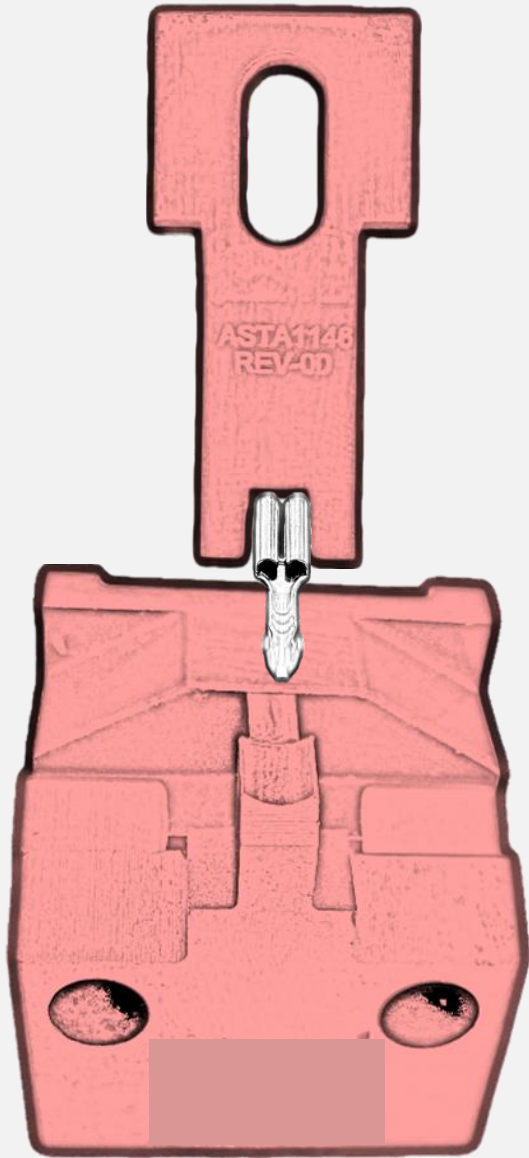


M Morale



Effect:- Terminal holder design change

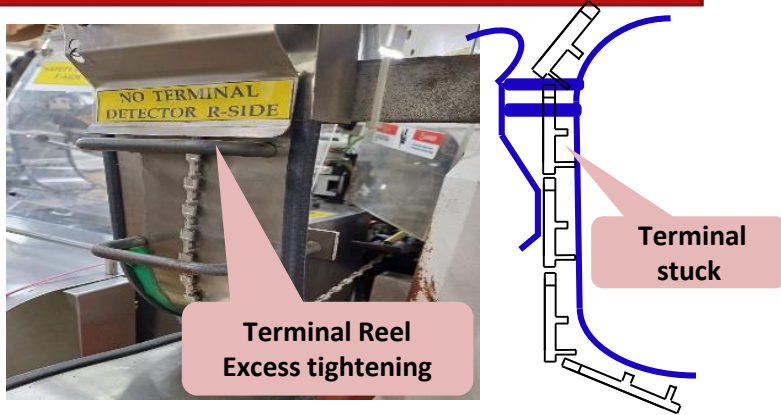




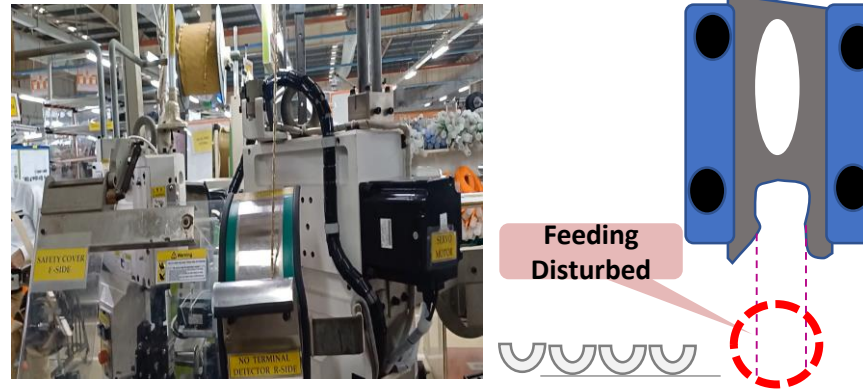
RC 3 :(Sol-3) Terminal feeding module Provide

Root Cause	What	When	Where	Who	How	How Much	Temporary Check
Tightening of terminal reel is skill-based operation	Terminal feeding module provide at machine	04 th ~ 5 th Sept'25	In C&C process	QC Team	With the Help of Maintenance team	01 Machine	Training given to all associates & Check sheet provided for defect recording

BEFORE



Effect:- Possibilities to outflow with ok Ckts



AFTER



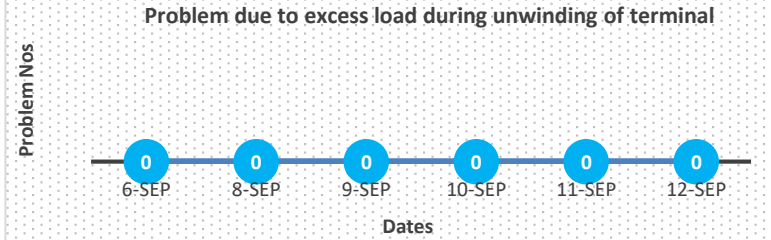
Effect:- Onsite Terminal feeding & Micro switch provide



P Productivity

- ☐ Machine Run Continuously Which leads to improve in productivity.

Q Quality



- ☐ This Cause Eliminated
- ☐ No other defect occurred.

C Cost



D Delivery



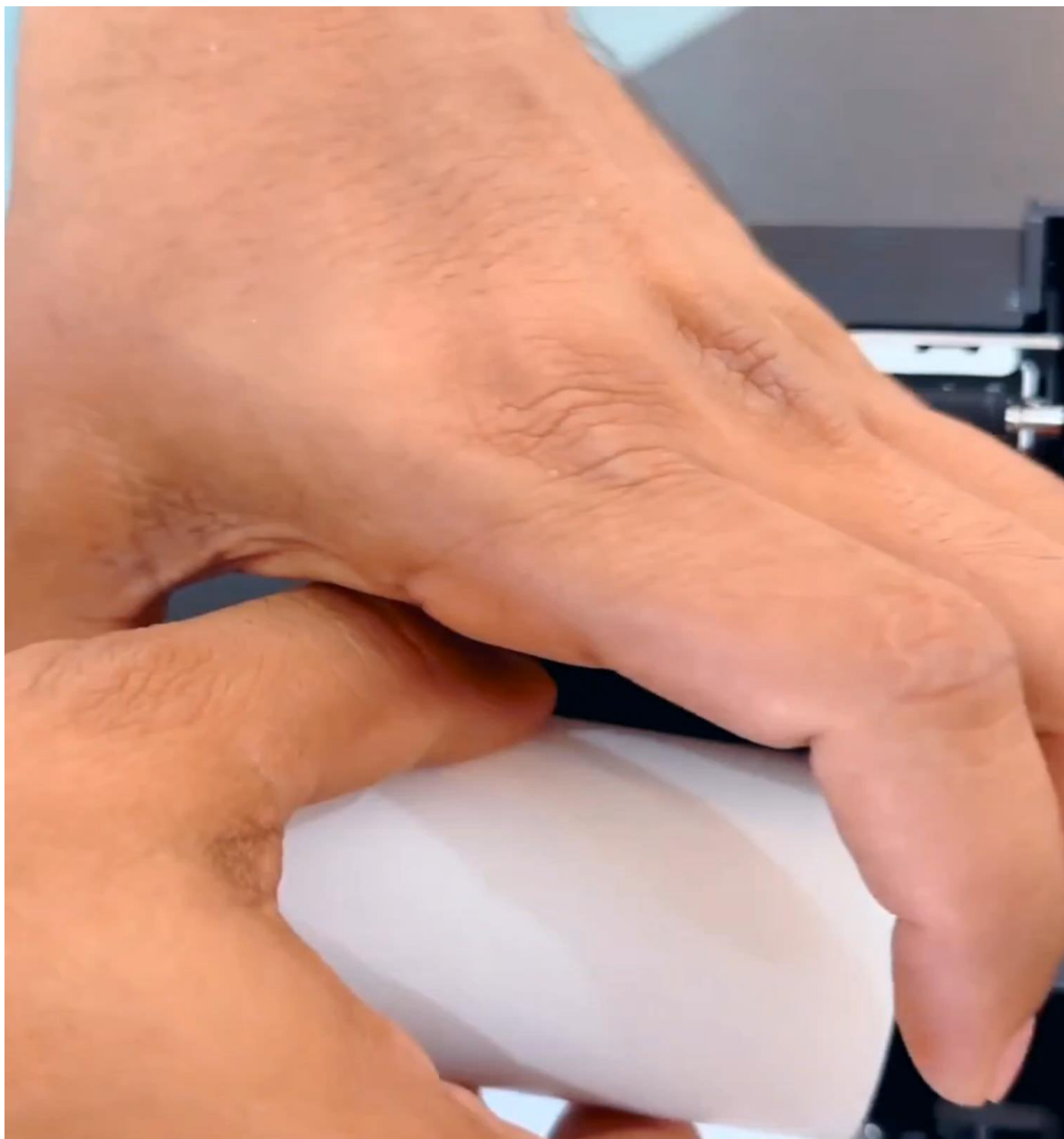
M Morale

Team Morale High



S Safety

ZERO INCIDENT



Terminal Un-Winding Module



STEP – 11 REGULAR IMPLEMENTATION

motherson

What	When	Where	Who	How	How Much
Counter action Horizontal deployment & Standardization	12 th Sept ~ 18 th Sept	Lead preparation cell	QC team members, CFT team & authorised person	Change the standard documents	20 C&C machine, & 44 C&C applicator

Counter Action-01

Automatic Air blower provide.



Automatic air blower provide

Horizontal deployment

20 Cutting & Crimping machine & interlocking with machine.

Standardization

Point added in start up check sheet , Poka-yoke check sheet and Control plan also interlink with PFMEA

Counter Action-02

Terminal Holder design change.



Cutter guide design change

L shape

Horizontal deployment

In 44 applicators.

Standardization

New part added in BOM & also updated in Preventive Maintenance Check sheet

Counter Action-03

Terminal feeding module at Machine



Terminal feeding module

Horizontal deployment

20 Cutting & Crimping machine

Standardization

Point added in Control plan also interlink with PFMEA

Evidence

Revised Daily M/Check sheet

- Air blower check points added
- Doc.No-CHK/LP/09 Rev.no-01

Revised Applicator BOM

- Terminal holder design added in BOM
- Doc. No-FRM/PE/23 , Rev. no-01

Revised Poka-Yoke Sheet

- Air blower working check
- Doc. No-FRM/RD/73, Rev. No-01

Revised Work Instruction

- Terminal feeding module added
- Doc.No-FRM/PR/53A Rev.no-08

Revised Preventive Sheet

- Air blower point check & Feeding module motor condition
- Doc. No-FRM/MT/07 , Rev. No-05

Intra-Unit Action Communication for Horizontal Implémentation

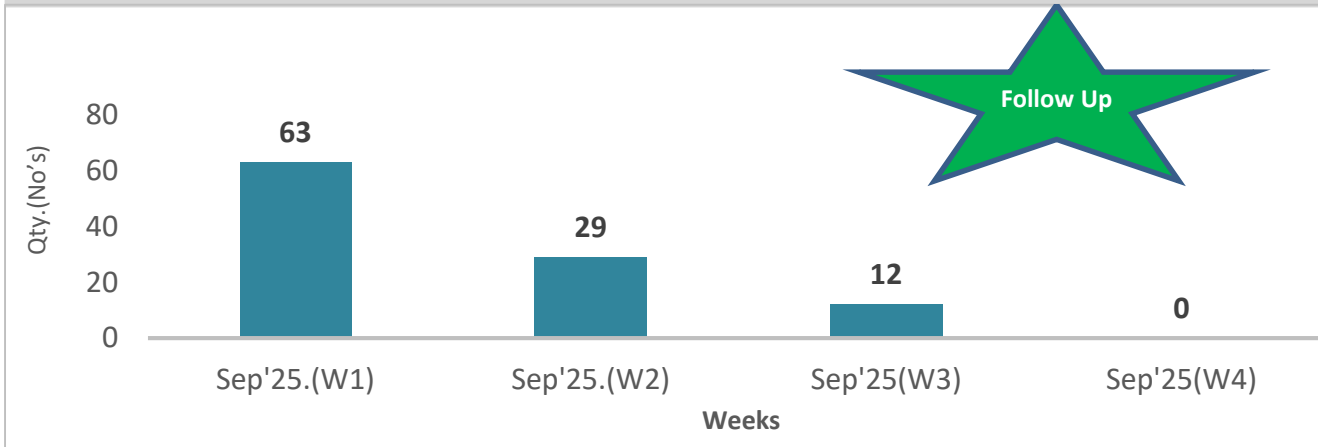


Motherson Innovative Technologies & Research

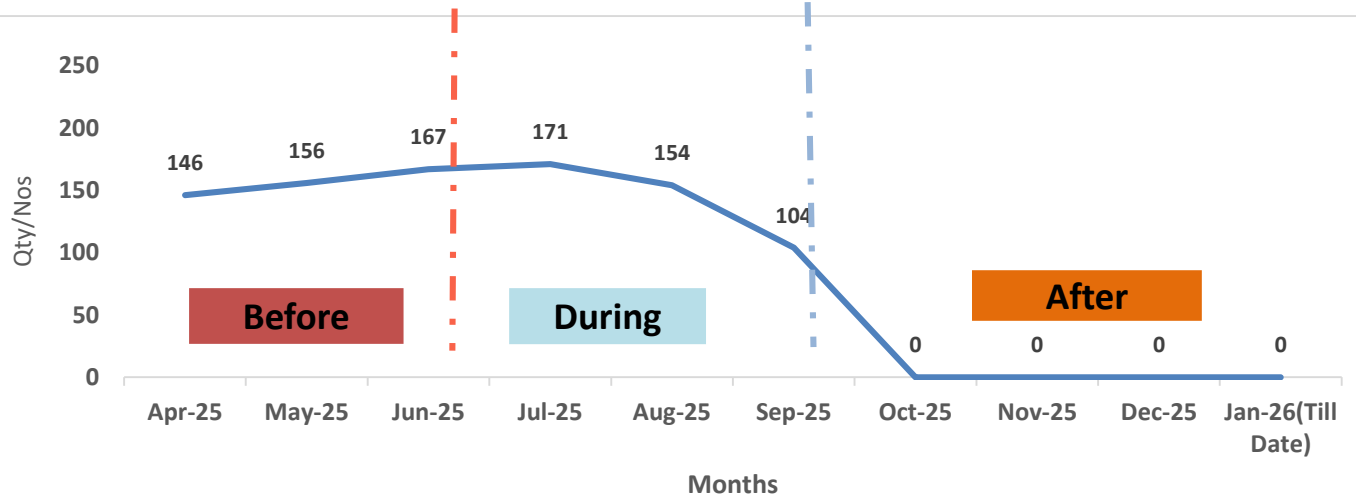
All Counter Actions Uploaded in Global Knowledge Management Site

Achieved :- Mouth Press Eliminated from Cutting & Crimping

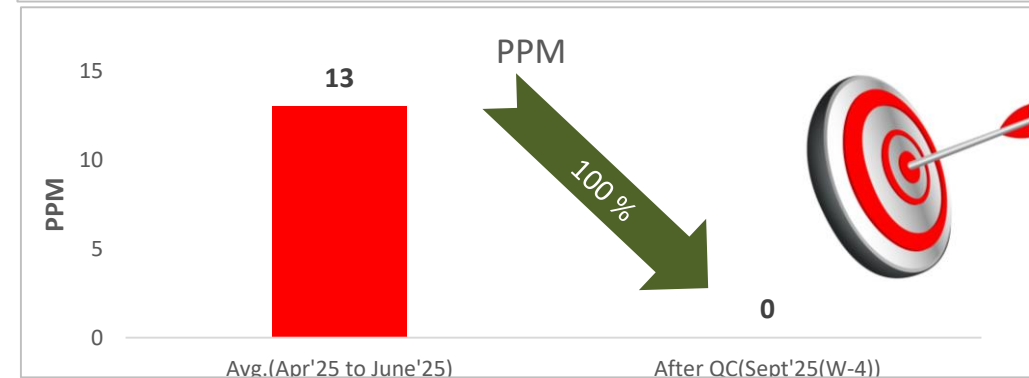
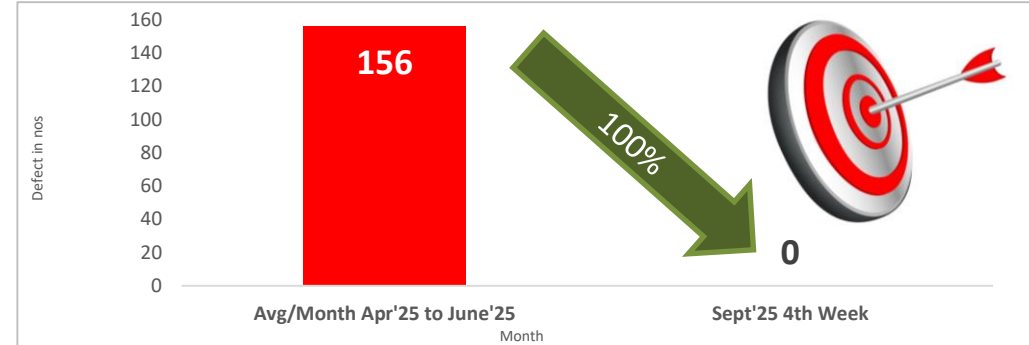
Terminal Mouth Press Trend



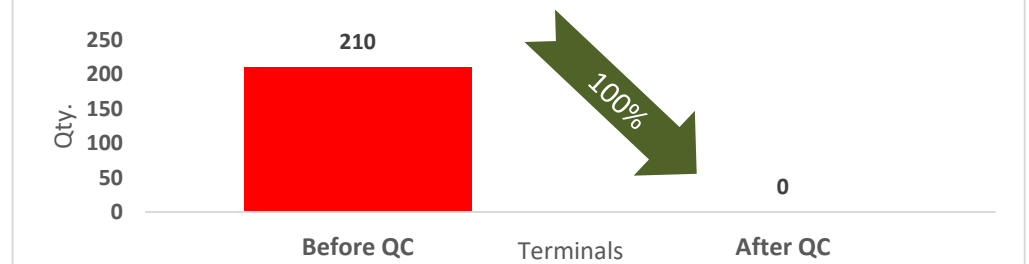
Month Wise Defect Trend



TARGET ACHIEVED



Side Feed Terminal Mouth Press Status



NEVER GIVE UP. DON'T STOP, GO ON, DO NOT QUIT ON TASK THAT HAS TO BE DONE .

TANGIBLE BENEFITS

Quality

- Mouth press defect eliminated.
- RPN No reduced

Productivity

- Monthly Productivity Improved by 1% /Month.

Cost

- Annual Project Saving Rs. 41493/.

Delivery

- ⑩ Ontime delivery to In-house customer.

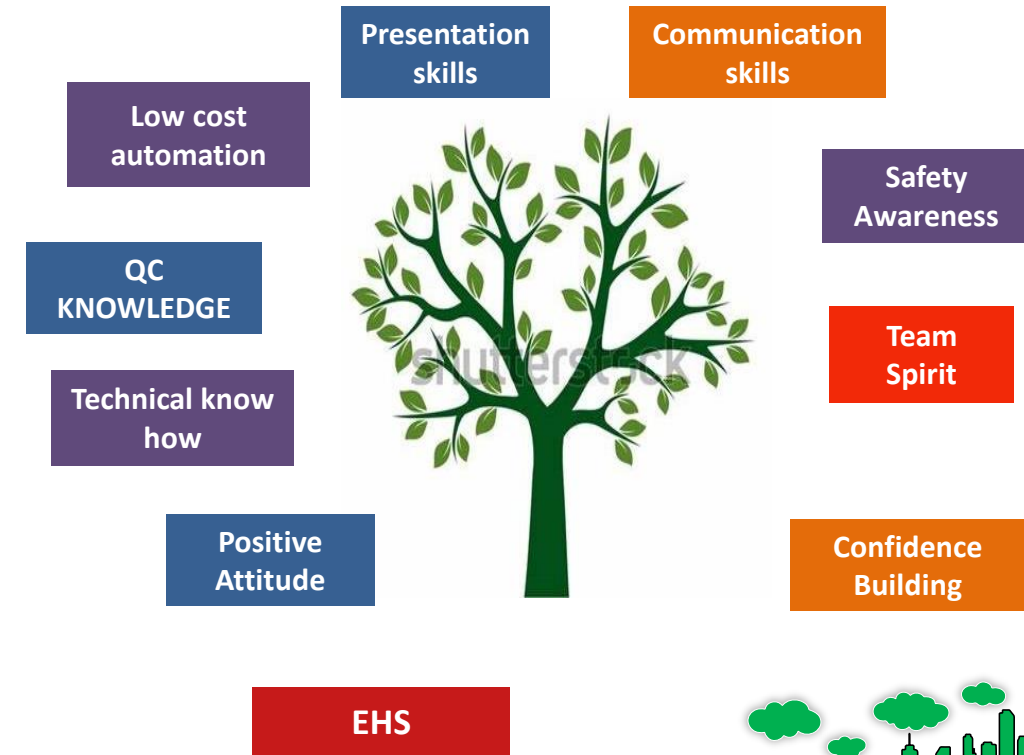
Safety

- ⑩ Zero Incident

S.No	Description	Saving
1	Man hours	INR 98234
2	Saving Cost Wire	INR 85015
3	Cost of Terminal saved	INR 4722
4	Cutters broken	INR 4223
Total Annual Savings		INR 192194
4	Expenditure (One Time)	INR 150701 (One time)
Net Saving		INR 41493

S. No	Description	Expenditure Cost
1	Feeding module motor	INR 126740
2	Air blower	INR 11,780
3	Applicator holder	INR 7305
5	Miscellaneous Expense	INR 3876
Total Expenditure		INR 150701

INTANGIBLE BENEFITS



E- Environment Saved Environment by Eliminating Mouth Press Scrap Material.

H- Ergonomics

Before

Difficulty in Cleaning at every bunch.

After

Eliminated manual intervention by implementing Auto cleaning at every Stroke.

S- Safety Cover Restricted hand movement within range of moving parts
➤ Automatic air blower (interlinked with machine stroke cycle.)



Annual Project Saving Rs. 41493/.

- ❑ Before RPN- 105 [S-5, O-3, D-7]
- ❑ After RPN- 35 [S-5, O-1, D-7]

“SYSTEMATIC APPROACH

SOLVES COMPLEX PROBLEMS & YIELDS SIMPLE SOLUTIONS FOR SUSTAINABLE SUCCESS”



Our QC Team
plant tree on
successful completion
of each project

**Small Actions,
Big Impact .**

QC Tool & Technique

Brainstorming,
Graph,
Stratification

Flow diagram,
SIPOC diagram,
Data Collection

Fishbone,
Brainstorming
Cause & Effect
Matrix

4W 2H,
Data collection,
Graph

Brainstorming,
Matrix diagram

4W2H
Data collection

01

02

03

04

05

06

07

08

09

10

11

12

Data collection
Pareto chart

4W 1H
Graph
Data collection
Stratification

4W 1H,
Data collection,
Radar Chart

Brainstorming,
Tree diagram

4W 2H,
Graph,
Control chart,
Data collection

Graph
Data collection

Line Associates Feedback-Working Together

Improved Job Performance

Increase Employee Satisfaction

Reduce
Employees
Stress &
Increase
Morale



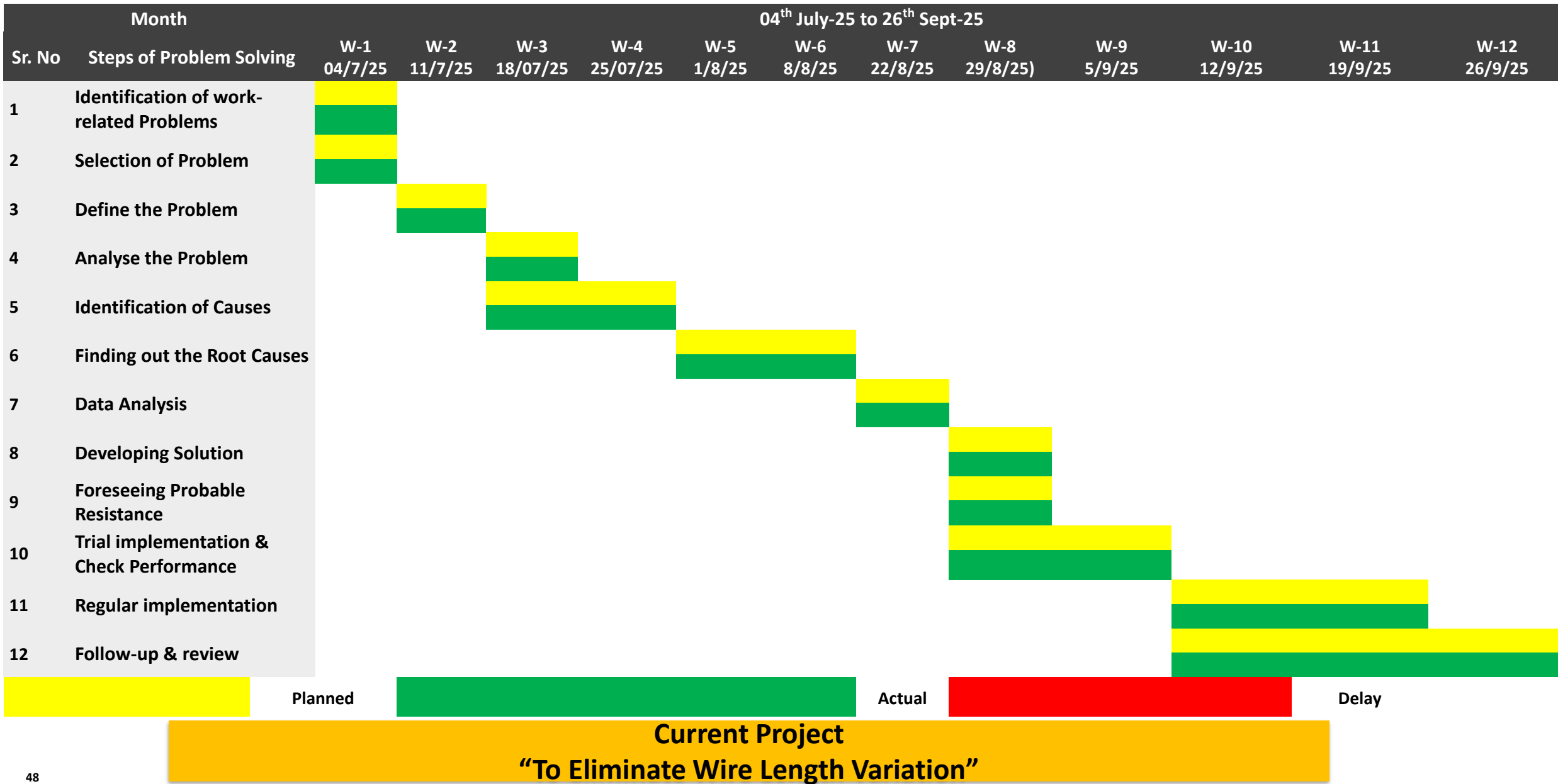
Workplace Safety & Zero Incident

We never knew much individually – Together We made new ways , always learning & enjoy the journey



STEP-12 : FOLLOW-UP AND REVIEW

ACTIVITY TIMING CHART





HONDA

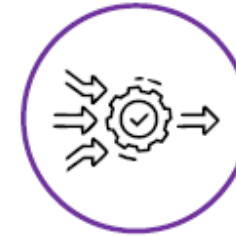


Powering the Success of our Customers.



Innovate

- Products
- Processes
- Methods
- Materials



Simplify

- Operations
- Material Flow
- Decision Making



Accelerate

- Agile Supply Chain Planning & Execution
- Quick Evaluation, Quick Response
- Digitalization

Seamless Collaboration, Collective Success



YOUR QUESTIONS &
SUGGESTIONS ARE
MOST WELCOME !

THANK YOU