Sparkline Complete solution for naterial handling  Cell No.: - 01  Cell Name: -9T FF			KAIZEN										
complete solution for material han	dling -		Dept: Quality				Kaizen No.:	SEPL/KAIZEI	N/005				
Cell No.: - 01	Cell Name:	-9T FF	Machine : -Front Frame assembly Proc	ess / Stage : Part Fixing			Operation :	Part	Fixing				
Kaizen Theme:			Idea: To avoid the tube hole position wrong , hole	missing and hole incomplete.				•					
Process and Product	Improver	nent											
Present status:			COUNTERMEASURE IN PICTORIAL:			IZA IZE	N. Ctt	40.0	20.40				
1) Tube hole position	is checked	by using measurement tape.	BEFORE	AFTER		KAIZE	in Start	10.0	J2.18				
		, ,			9	KAIZEI	N Finish	12.0	)2.18				
2)Hole missing and ho	le open co	ndition is ensured visually			Team M	lembers:							
		·			1-R.Part	KAIZEN Start 10.02.18  KAIZEN Finish 12.02.18  eam Members: -R. Parthiban -nilmani  enefits: -Hole position and hole missing can be ensured -Customer complaints can be avoided -Hole incomplete can be ensured  KAIZEN SUSTENANCE:  frat to do: reversible Kaizen  Scope & Plan for Horizontal Deployment Target							
				Contract to the second	2-nilmar	ni							
			Bracket position is checked by using measurement tape.	Bracket position is checked by using attribute gauge.	1-Hole 2-Cust	positio	omplaints can olete can be en	n be avoided nsured					
Why Why Analysis :			Countermeasure & Results:		What to d	0:	NAIZEN 300	STENANCE .					
N1. To Avoid the Fitment	issue				Irreversi	ble Kaize	n						
W2 .To avoid the custome	r complaint		Time can be reduced and customer complaint can be avo	oided.									
	•		Result:										
Root Cause :			1-Tube hole dimension can be maintained with in limit.	How to do:									
						S	cope & Plan for Ho	orizontal Deployme	ent				
			2-Time of inspection can be reduced		Sr no	Model	Target	Responsibility	Status				
Registration no. & Date :	12	.02.18			KAIZEN Finish  Team Members:  1-R.Parthiban  2-nilmani  Benefits:  1-Hole position and hole missi  2-Customer complaints can be 3-Hole incomplete can be ensu  KAIZEN SUST  What to do:  Irreversible Kaizen  How to do:  Scope & Plan for Horiz  Target	,							
Registered by : Manager's Sign :	R.Parthiba Sai krishna				1		13-02-2018	Nilmani R.Parthiban alaguraja	completed				

Sparkline (6)		KAIZEN					
Consists solution for material bandling		Dept: Quality			Kaizen No.:SEP	L/KAIZEN/006	
Cell No.: - 01   Cell Name: -9T UFA DOCK	NG FIXTUI Machine : -DOCKING Process /	Stage : DOCKING AND PART FIXING			Operation :	DOCKING	
Kaizen Theme:	Idea: To avoid the Erection bracket orienta	ation issue.					
Process and Product Improvement	COUNTERMEASURE IN PICTORIAL:		Bench Ma	rk			
Present status:	COUNTERMEASURE IN FICTORIAL.		Delicitivia	KAIZEN	011	00.00.004	
) Erection bracket position checked visually	BEFORE	AFTER		KAIZEN	Start	26-02-2018	3
) Election bracket position checked visually				KAIZEN I	Finish	28-02-2018	3
			Team Mer	mbers:		I	
			1-R.Parthi	iban			
					n can be ensured		
	Frantian Dranket position is visually	Erection bracket chamfer side Stoper has been	2-Custom	er complair	nts can be avoide	d	
	checked						
/hy Why Analysis :	Countermeasure & Results:		What to de	0:			
/1. To Avoid the Fitment issue /2 . To avoid the customer complaint	Time can be reduced and customer comp	laint can be avoided.	Irreversibl	e Kaizen			
12. To avoid the dustomer complaint	Result:		-				
oot Cause :	1 Manual error can be avoided	1-Manual error can be avoided.					
	1-Maridal error carr be avoided.						
Legistration no. & Date : 28-02-2018	2-Time of inspection can be reduced.		Sr no	Model	Target Date	Responsibility	Status
Registered by : R.Parthiban			1	9T all	01-03-2018	praveen R.Parthiban	complet
lanager's Sign : Sai krishna				models	2. 23 2010	alaguraja	22.npio

Spark	<li>cline©</li>		KAIZEN					
complete solution for	material handling		Dept: Quality			Kaizen No.:SEF		
Cell No.: - 01	Cell Name: -9T FF	Machine: -Front Frame assembly Process / Stage: Pa			Operation:	Part Fixing		
Kaizen Theme:		Idea: To avoid the tube linear hole position wrong , hole missing	g.					
Process and Product Imp	provement	COUNTERMEASURE IN PICTORIAL:		Bench Mark	1			
Present status:					VAIZEN CH	net .	16.02.2010	
Tube hole position is ch	necked by using measurement tape.	BEFORE	AFTER		RAIZEN SI	111	10-03-2016	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1 mm ( 1 mm)		KAIZEN Fin	KAIZEN Finish 17-03-20		
2)Hole missing is ensured	Lyieually			Team Memb	ch Mark KAIZEN Start 16-03-2018  KAIZEN Finish 17-03-2018  m Members: Parthiban  Imani  ai krishna  efit			
2) lote missing is ensured	Visually			1-R.Parthiban				
			T. I IN	2-Nilmani				
				3-Sai krishna	a			
				Benefit				
							ensured	
		1)	A STATE OF THE STA	z-Customer	complaints	an be avoided		
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				KAIZEN SUS	TENANCE :	
Why Why Analysis:		Countermeasure & Results:		What to do:				
W1. To Avoid the Fitment	issue	Time can be reduced and customer complaint can be avoided.	Irreversible Kaizen					
W2 .To avoid the custome	r complaint	· ·	•					
		Result:	<u> </u>					
Root Cause :		1-Tube hole dimension can be maintained with in limit.		How to do:				
					Sco		zontal Deployment	
Registration no. & Date :	17-03-2018	2-Time of inspection can be reduced		Sr no	Model	Target Date	Responsibility	Status
Registered by :	R.Parthiban			1	9T FF all	17-03-2018	Nilmani R.Parthiban	complete
Manager's Sign :	Sai krishna			1 '	models	17-03-2010	alaguraja mohan	complete

Sparkli				KAIZEN										
complete solution for materia	al handling		De	pt: Quality				Kaizen No.:						
Cell No.: - 01	Cell Name: Levelling	Machine: Levelling fixture	Process / Stage : Lev	elling				Operation:	Levelling					
Kaizen Theme:		Idea: To avoid the fitment issue and to	ensure the bracket fitme	nt										
To ensure the Bracket pos	stion as per dimension	COUNTERMEASURE IN PICTORIAL			i.	Bench Mark		1	ı					
Present status:		GOONTERWEAGORE INTROTORIAL	•		1			l						
	cked by using measurement ta	BEFORE		AFTER			KAIZEN Star	t	7.01.18					
Bracket position is cher	cked by using measurement ta	pe.		-			KAIZEN Finis	h	7.01.18					
		Carlotte . I I I I I I I I I I				Team Membe	ers:		•					
						1-R.Parthiba	1							
			<b>-</b> /	T I		2-Sai krishna								
						3-Pravin								
			Benefits:					Benefits: 1-Insection time can be reduced and fitment can be ensured						
							complaits can		ion can be endired					
					1									
									KAIZEN SUSTENANCE :					
Why Why Analysis:	1	Countermeasure & Results:				What to do:								
W1. To Avoid the Fitment		Time can be reduced and customer co	Time can be reduced and customer complaint can be avoided.						Irreversible Kaizen					
W2 .To avoid the custome	er compiaint	Result:	·											
Root Cause :								How to do:						
		1-Part can be ensured in terms of fitme	ent.		ļ.		Scope	e & Plan for H	orizontal Deployment					
		2-Time of inspection can be reduced				Sr no	Model	Target	Responsibility	Status				
Registration no. & Date:	7.01.18	2- Time of inspection can be reduced				31 HO		Date	responsibility	Gialus				
Registered by :	Parthiban					1	All 9T	7.01.18	Parthiban	Completed				
Manager's Sign :	Sai krishna						models	1						

Spark						KAIZEN							
complete solution for ma	terial handling				Dept: Quality				Kaizen No.:				
Cell No.: - 01	Cell Name: Fin	al inspection	Machine: -	Process /	Stage : Inspection				Operation :	Inspection	ì		
Kaizen Theme:			Idea: To avoid the fitment iss	sue and to ensure the	coating thickness.								
To ensure the coating	thickness		COUNTERMEASURE IN PI	ICTORIAL:			Bench Mark		1				
Present status:								KAIZEN Star		22.12.17			
1)Part is inspecting by	, uning vernior		BEFO	ORE		AFTER		KAIZEN Star	τ	22.12.17			
T) Part is inspecting by	y using vernier.			100				KAIZEN Finis	h	22.12.17			
				NV.			Team Memb	ers:					
						0	1-R.Parthiba	ın					
							2-Alaguraja						
						O'S	3-Nilmani						
							Benefits:						
					Control of the last of the las		1-Insection t	ime can be re	duced and fit	ment can be ensured			
				nier			2-Customer	complaits car	n be avoided				
				lio!	The second secon				KAIZEN SUS	STENANCE :			
Why Why Analysis:			Countermeasure & Results	<u>:</u>	- <b>!</b>		What to do :						
W1. To Avoid the Fith W2 .To avoid the cus			Time can be reduced and customer complaint can be avoided.					Irreversible Kaizen					
avoid the odd	tomor complaint		Result:										
Root Cause :			1-Part can be ensured in terms of fitment.					How to do:					
			i-rait can be ensured in ter	IIIS OI IIIIIIEIII.				Scope	& Plan for Ho	rizontal Deployment			
Registration no. & Da	ate: 26.1	2.17	2-Time of inspection can be	reduced			Sr no	Model	Target Date	Responsibility	Status		
Registered by : Manager's Sign :	Parthiban Sai krishna						1	Driver Partitions	25.12.17	Parthiban	Completed		

Spark	ine©						KAIZEI	N						
complete solution for mate	orial handling				Dept: Qu	uality					Kaizen No.:			
Cell No.: - 01	Cell Name:	-All WELDING AREA	Machine: - WELDING AREA	Process / S	Stage : WELDING	D AREA					Operation :	WELDING	}	
Kaizen Theme:			Idea: To avoid the welding visual insp	ection (weldin	g sample stand)	).								
Process and Product In	mprovement		COUNTERMEASURE IN PICTORIA	L:					Bench Mark	(				
Present status:										KAIZEN Star	rt .	10.01.201	0	
New welder to check the welding visual stand .			BEFORE				AFTER			KAIZEN Slai	art 10-01-2018		0	
1) New Welder to check	k the welding visua	Maria Carlos			#/-	4.000	Fall Control		KAIZEN Finis	sh	12-01-201	8		
0) \\/- - : :t		-t	The same of the		The same	-	- 10	-	Team Meml	bers:	•			
Welding quality con	npare the welding	stand				W	DE		1-R.Parthib	an				
					-	L D	F	THE REAL PROPERTY.	2-Nilmani					
					WELL BLOW	I III	C T S	WALL SHOOT STATE OF S			e and visual ins			
Why Why Analysis:	1		Countermeasure & Results:						What to do		KAIZEN SUS	STENANCE :		
W1. To Avoid the weld			Countermeasure & Results:  Welding improve and visual inspection .					Irreversible Kaizen						
W2 .To avoid the custo	omer complaint		• .											
Root Cause :			Result:						How to do :					
Nool Cause .			1-Welding improve and visual inspection improve .						How to do :  Scope & Plan for Horizontal Deployment					
Registration no. & Dat	e: I1	2-01-2018	2-Time of inspection can be reduced						Sr no	Model	Target Date	Responsibility	Status	
Registered by :	Parthiban								1	welding	12-01-2018	Parthiban R		
Manager's Sign :	Sai krishna		7						1	area	12-01-2018	Parmiban R	complete	