Spark	ine©		KAIZEN											
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 Improvement			COUNTERMEASURE IN PICTORIA	L:					Bench Mark	(
Present status:										KAIZEN Star	rt .	10-01-201	0	
4) Na	la Alexandra di manazione		BEFORE AFTER					KAIZEN Slai	ıı	10-01-201	0			
New welder to check the welding visual stand .			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			-	W	DE		1-R.Parthib	an					
					-	L D	F	THE REAL PROPERTY.	2-Nilmani					
					WELK 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 SUSTENANCE : What to do :					
W1. To Avoid the weld			Welding improve and visual inspection .					Irreversible Kaizen						
W2 .To avoid the custo	omer complaint		• .											
Root Cause :			Result:					How to do :						
Registration no. & Date : 12-01-2018			1-Welding improve and visual inspection improve . 2-Time of inspection can be reduced					Scope & Plan for Horizontal Deployment						
								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	

Sparklin				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						
Process and Product	Improver	nent							
Present status:			COUNTERMEASURE IN PICTORIAL:			KAIZE	N. Ctt	40.0	20.40
1) Tube hole position	is checked	by using measurement tape.	BEFORE	AFTER		KAIZE	in Start	10.0)2.18
		, ,			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	thiban			
				Contract to the second	2-nilmar	ni			
			Bracket position is checked by using measurement tape.	Bracket position is checked by using attribute gauge.	2-Cust	positio	omplaints can olete can be en	ssing can be en be avoided sured STENANCE:	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					Date	,	
Registered by : Manager's Sign :	R.Parthiba Sai krishna				1	9T all models	13-02-2018	Nilmani R.Parthiban alaguraja	completed

Sparkline (6)		KAIZEN									
JJOIKIII IE		Dept: Quality Kaizen No.:SEPL/K.									
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 Finish			28-02-2018	3				
			Team Mer	mbers:		I					
			2-Praveen kumar								
					n can be ensured						
	Erection Bracket position is visually	Erection bracket chamfer side Stoper has been	2-Customer complaints can be avoided								
	checked	KAIZEN SUSTENANCE :									
/hy Why Analysis :	Countermeasure & Results:	provided to ensure bracket orientation	What to de	0:							
/1. To Avoid the Fitment issue /2 . To avoid the customer complaint	Time can be reduced and customer comp	Time can be reduced and customer complaint can be avoided.				Irreversible Kaizen					
12. To avoid the dustomer complaint	Result:		-								
oot Cause :	1-Manual error can be avoided.					How to do:					
	1-Maridal error carr be avoided.	1-ivianual error carl 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	cline©		KAIZEN						
complete solution for	material handling		Dept: Quality			Kaizen No.:SEPL/KAIZEN/007			
Cell No.: - 01	Cell Name: -9T FF	Machine: -Front Frame assembly Process / Stage: Pa	art Fixing			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:					KAIZEN St	net .	16-03-2018		
Tube hole position is ch	necked by using measurement tape.	BEFORE		RAIZEN SI	111	10-03-2016			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				KAIZEN Fin	NZEN Finish 17-03-2018				
2)Hole missing is ensured	Lyieually			Team Members:					
2) for missing is ensured	Visually								
			T. I IN	2-Nilmani					
				3-Sai krishna	a				
				Benefit					
						missing can be	ensured		
		1)	APPLICATION OF THE PROPERTY OF	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		izontal 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 III III III III					ers:		•				
								1-R.Parthiban					
								2-Sai krishna					
						3-Pravin							
							Benefits: 1-insection time can be reduced and fitment can be ensured						
							complaits can		ion can be endired				
								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:	Popults										
Root Cause :					ŀ	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	2 Time of inspection are be reduced					Target	Responsibility	Status			
Registration no. & Date:	7.01.18	2- Time of inspection can be reduced				Sr no	Model	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\Dort is inspecting by	, uning vernior		BEFO	ORE		AFTER		KAIZEN Star	τ	22.12.17			
T) Part is inspecting by	1)Part is inspecting by 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:						
					1250		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>	- !		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		