


Sparkline			ROAD MAP TO SPOCD		SPGCD			
			SAFETY	PRODUCTIVITY	QUALITY	COST	DELIVERY	
Stage 1			Definitions	Industrial Safety is defined as Policies and Protections put in place to ensure plant and factory worker protection from hazards that could cause injury	Productivity is an Revenue measure as an output where Men, Machines, Methods, Materials, Capitals are Inputs.	Quality is the ability of a product or Service to meet and exceed customer expectations.	Cost, obviously, has a prominent role due to its close tie to profitability.	Delivery is the ability of an organization to both hit their promise dates, as well as to get their products in customers hands in a timely manner.
To Do	Introduction							
Who?	Josan							
Start Date	17.07.2017							
End Date	18.07.2017							
Stage 2			Resistance to Change	"At first, we cared, but..."	"We've always worked that way"	"Its not possible here"	"Its not my responsibility"	"No one told me"
To Do	Team Motivation							
Who?	Bhavesh							
Start Date	18.07.2017							
End Date	21.07.2017							
Stage 3			Define Key Metrics	1. No near misses 2. No safety glasses violations 3. No missed work due to injuries 4. No safety violatons 5. No unsafe work practices observed	1. Systems and Processes oriented Productivity and Skill Development through Systems & Processes. 2. Know your customer requirements & Plan Man, Machine, Materials, Methods, Money accordingly. 3. Failure analysis through Daily Production Documents for the next day betterment.	1. Customer Satisfaction 2. Quality through System And Processes 3. In process Control 4. Supplier Quality Development 5. TS Documentations	1. MFR - Clear Tracking & Knowledge Sharing to Team 2. Cost Reduction Plans & Actions on COGS and Indirect Cost 3. Reduction Plans & Actions on Consumable Consumption 4. Cash Flow management through Tally.	1. 2 Days of FG Stock for On time Delivery 2. Reduce Window Timing Of Customer's Pickup Trailers. 3. Detailed Plan for Day wise Delivery Tracking. 4. Proper Documentation & Improved Communication for Logistics.
To Do	Lecture							
Who?	S. Prasanth P. Shiva Q. Bhavesh C. Bhavesh, Jeevan D. Josan							
Start Date	18.07.2017							
End Date	30.07.2017							
Stage 4			Target Goal	Zero Accident	Achieve Daily, Weekly, Monthly & Annual BPT	No PCM / MCN for the Day	No Additional Expense for the Day in terms of OT, Consumables, Mic Breakdown, Rework Cost etc.	100% on time to Customer Schedule
To Do	Shades & Colours							
Who?	S. Sai Krishna & Team P. Q. Sai Krishna & Team C. Venkadesh D.							
Metrics SPOCD Diagram								
								
Start Date	01.08.2017							
End Date	CONTINUES							
Stage 5			Ways to achieve Goals Way 1	1. Civil & Infra Safety 1.1 Ensure Construction Stability, Factory Layout, Fire Exits, Machine arrangements in terms of Civil & Infra Safety Remarks to be Recorded with Action Plan & Completion Date.	1. Production Documents 1.1 Manpower Allowment 1.2 BPT vs BPA 1.3 Time loss Analysis	1. Quality Improvement 1.1 Customer Approved Drawings 1.2 Standard Quality Plan 1.3 Standard Operating Procedures 1.4 Welder Qualification Documents 1.5 Material Test Certificates 1.6 GRN Approval 1.7 Child Part ISIR 1.8 In Process Control Register 1.9 Final IR	1. Effective Utilisation 1.1 Man Power with 0% OT, 10% Labour Cost 1.2 Materials - Max. Nesting Efficiency through Product wise Nesting Concept. 1.3 Machines - Machine Handling & Cost Impact awareness to be given to Welders & Grinders.	1. On Time Delivery 1.1 Delivery Schedule achievement 1.2 Meeting out Projects timeline.
To Do	Way 1 - Making							
Who?	S. Prasanth & Vikas P. Q. Sai Krishna & Team C. Venkadesh, Josan D.							
Start Date	01.08.2017							
End Date	30.10.2017							
Stage 6			Ways to achieve Goals Way 2 NOVEMBER PLANS	2. Electrical Safety 2.1 Safety to be Ensured in terms of Electrical Paneling, Cabling & Earthing. Remarks to be Recorded with Action Plan & Completion Date.	2. Production Planning 2.1 Day Shift & Night Shift Worker list clearly to be prepared considering the availability of Machineries and Tools Sign off of the same should be happen with the Contractor Supervisor. Absentees to be reported to their Contractor in daily Basis. 2.2 Material / BOM / NCR BOM availability to be Planned with Kitting List Sign off for 3 Days to avoid unexpected Shortages.	2. Customer Satisfaction 2.1 Prompt Action against Quality related Complaint through 8D Reports, Action Plan & Implementation. 2.2 No delay in inspection reports against Dispatches. 2.3 Zero Quality Issues - Hurdles and Challenges	2. Cost Reduction 2.1 COGS - Material Cost Reduction / Kg 2.2 Process Cost Reduction - New Suppliers for Shearing Rs. 1.50/Kg, Plasma Rs.3/Kg 2.3 Paint Cost Reduction - New Suppliers for Paint(Berger with 10% Reduction) 2.4 ACMA-Gas Reduction by New Supplier (Linde with 10% Reduction) 2.5 Consumable Reduction Through New Suppliers(Emulvas, both scores are High)	2. Delivery Tracking 2.1 Dispatch Tracker to be followed & to be shared to Customer on Deliveries. 2.2 Invoices should have ASN while Handing over to Driver. 2.4 Max. Window timings for trailer is 2 hours for Dispatching jobs.
To Do	Way 2 - Making							
Who?	S. Prasanth & Bhavesh P. Q. Sai Krishna & Team C. Venkadesh, Josan D.							
Start Date	11.08.2017							
End Date	08.11.2017							
Stage 7			Ways to achieve Goals Way 3 DECEMBER PLANS	3. Safety with PPE 3.1 People Safety through PPE, Discipline and awareness. Training Program to be Conducted and Individual Discipline towards safety to be monitored and the best to be rewarded. 3.2 Fire Proective Equipments. are to be listed out to ensure the availability of required items.	3. Part Preparation 3.1 Machine shop jobs should have min. 3 days stock to serve production. 3.2 Notching Jobs to be planned seperately with turbo Cutting machine. One week minimum stock to be achieved. 3.3 15 Days Child Parts stock to be ensured.	3. In Process Control 3.1 In Process Control Stages to be finalised and Register to be followed for all Stage inspections through Inspection Call System. 3.2 PCM to be tracked in proper manner; Action Plan must be carried out by Production. 3.3 15 Days Child Parts stock to be ensured.	3. Rejections & Reworks 3.1 Rejections Due to Drawing revision reports must be finalised and the decision to be taken to make it scrap or Part. 3.2 Any Rejection Due to Supplier Mistake must be result with Debit Notes. 3.3 No Rework will be performed with out Debit Note for any Rework Jobs from Suppliers.	3. Customer - Supplier Relationship 3.1 Whenever window timings are getting higher, Keep communicating the things to Customer until the job delivers.
To Do	Way 3 - Making							
Who?	S. P. Q. Sai Krishna & Team C. Venkadesh, Josan D.							
Start Date								
End Date								
Stage 8			Ways to achieve Goals Way 4	4. Safety awareness 4.1 Display Boards, Emergency situation Handling, Assembly Point to be well Displayed.	4. Machine Maintenance 4.1 Machine Maintenance Register with the details of Machine identification, Repair Date, Part Changes, Status of working (History of Machine). 4.2 Maintenance Trainers or AMC to be done. 4.3 Machine Handling Workshop to be Conducted.	4. Supplier Quality Development 4.1 8D Report from Supplier 4.2 Templates for all Bend Parts 4.3 Rework / rejection List against Each & Every Delivery. 4.4 DXF File foldering and Revision tracking	4. Cost Consious 4.1 MFR Training and refreshment Program to all Teams 4.2 People Development with Cost Consious 4.3 Find Low Cost Operators.	4. Strengthen Logistics 4.1 12 New Transporters are required with respect to Cost Reduction. 4.2 Transporter Trip sheet must be aligned with Product wise costing. 4.3 Delay time for arranging Local Transport to be listed out and to be solved.
To Do	Way 4 - Making							
Who?	S. Prasanth & Josan P. Q. Sai Krishna & Team C. Venkadesh, Josan D.							
Start Date								
End Date								
Stage 9			Ways to achieve Goals Way 5	5. Safety Systems 5.1 Follow up of Accident Register, Action Plan & Prevention Plan against Near Misses & accidents. 5.2 Ensuring Legal Documentations 5.3 Declaration of Safety Implementation at Chermal Factory. 5.4 Audition Plan Month wise Forecast.	5. Shop Floor Improvement 5.1 8D ISO Implementation 5.2 Effective utilisation of Scrap Yard and Scrap Bins 5.3 Cleanliness is next to Godliness' Culture implementation 5.4 Define Product Work Place, Maintain the place with respective workers and this should be routine.	5. Quality Road Map 5.1 ISO Documentation 5.2 TS Documentation 5.3 OSA Audition	5. Road Map For Cost Control 5.1 Product wise Costing 5.2 Factory Running Cost- Day wise 5.3 Piece Rate basis, Jobs to be fabricated.	5. Road Map for Logistics 5.1 Roll Km Rate to be finalised
To Do	Way 5 - Making							
Who?	S. Prasanth & Venkadesh P. Q. Sai Krishna & Team C. Venkadesh, Josan D.							
Start Date	01.04.2018							
End Date	30.06.2018							

KEY INITIATIVE STATUS AS OF APRIL					
INITIATIVE	TOTAL STAGES	COMPLETED	April	Actual	
SAFETY	9	8	1	1	
PRODUCTIVITY	9	8	1	1	
QUALITY	9	8	1	1	
COST	9	8	1	1	
DELIVERY	9	8	1	1	