

		1	2	3	4	5	6	
		A	B	C	D	E	F	
		Preliminary	Concept	Design	Procurement	Pre-Production	Production Start	
Six Sigma Phases		Define	Concept	Design	Implementation		Validation	
Main Tasks & Functions		Required activities						
1	Business Planning	11	Research & Competitors	Distribution Planning				
		12	Business cost breakdown & planning		Market Testing	Brand Development	Product & Sales Support	
2. Project Management	Project Definition Product Planning Process Planning	21	Coordinate Specifications & Sign-off			Plan for Service		
		22	Costing & Tracking					
		23	Data Exchange					
3. Product Design	Quality Tools Planning	22	Product Quality History Review and Analysis					
		31	PDS	Concept Design.				
		32			Production Design.			325 - Launch Support
		33		Product Risk Analysis	Design FMEA			
4. Prototype	Tooling & Equipment	41	Prototype Tooling, Aux Equip, Assy Jigs, Inspection Jigs etc.					
		42		Prototype Build				
5. Production Planning	Product Quality Analysis (DFMEA & Robustness)	33		Robustness Review				
		34			Review of CAE & Prototype Data.			
		51			Build Control Plans developed.			
		52		DV&PV Plan developed, actioned and reviewed.				
6. Procurement	Design Intent Evaluation	53		Process FMEA drafted, actioned and reviewed.				
		54	Logistics					
		62		Procurement Test equipment.				
7. Process Development	Tooling & Equipment	63		Procurement of all logistics.				
		64	Supplier Selection		Spec for purchase parts available.	Tech Assistance & Part Dev'tment with Suppliers.		
		71				Ramp-up	<SOP>	
7. Process Development	Procurement of Packaging	73					Submission	
		74			Manuf. Personnel Req'ment Confirmed & Trained.			
		75			Production Planning.			
		76			Prep. & Development of Production Documents.			
		77			All preventative maintenance planning completed.			