MADHURA DIE CAST PVT.LTD															
					INPRO	CESS CONTROL	PLAN								
	Prototype		Pre-launch	J Production					FM/QA/10						
Control Plan No : 06					Key Contact / Phone: LAA/9763714376					Rev. No & Date : 01/01-01-2022					
Part Number / Latest Change Level : Rev 165FY00122/E										Cust. Engg Approval / Date (If Reqd) :					
	Part Name / Description : 3W4S Hub Clutch									Cust. Quality Approval / Date(If Reqd.) :					
Supp Na	me : Madhura	a Die C	Supplier Code : 100656	Other a	approval date :			Other	Approv	proval / Date (If Reqd.) :					
Part/ Proces s Number	Process Name / Operation Description		Charecteristics	_			hods								
		No.	Product	Spec Char.	Product / Process Specifification / Tolerance	Evaluation measurement Technique	L.C.of inst. In mm	Sai Size	mple Freq.	Control Method	Resposibility	Reaction Plan & Corrective Action			
		1	Outer Dia		36.0-0.10	Snap Gauge	NA	01	L:01	Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any			
	Final Inspection	2	Parallelism Of Face Wrt Q	I	0.1	Digital Height Gauge & Dial Gauge	NA	1 in 50		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		3	Dimension		48.7+/-0.1	Dial Type Special Gauge	0.01	01:01		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any			
		4	Dimension	I	24.3+/-0.125	Digital Height Gauge	0.01	01:25		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		5	Bottom Face Runout wrt P		0.2	Dial Type Special Gauge	0.01	01:01		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		6	OD Runout WRT P	I	0.1	Mandrill & Dial Gauge	0.01	01:50 Final Insp		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		7	Top Face R/O WRT P	I	0.1	Mandrill & Dial Gauge	0.01	01:50 Final Inspection Inspector		Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take				
		8	Dimension	I	27.3+/-0.2	Dial Comparator Stand	0.01	01:01		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		9	Teeth OD Concentricity WRT P	I	0.1	Dial Type Special Gauge	0.01	01:01		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		10	Master Profile Teeth Gauge			Master Profile Gauge	NA	01:50		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		11	Major Diameter	1	20.0+0.021	Spline Plug Gauge	NA	01	L:01	Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		12	Spline Width	1	4.0+0.04/+0.01	Spline Plug Gauge	NA	01:01		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			
		13	Minor Diameter	I	16.0+0.07	Plain Plug Gauge	NA	01:05		Final Inspection	Inspector	Inform to Supervisor or Quality Engg in case of any non- conformance to take			

Part/ Proces s Number	Process Name / Operation Description	Charecteristics										
		_	Product	-	Product / Process Specifification / Tolerance	Evaluation measurement Technique	L.C.of inst. In mm	Sample		Control Method	Resposibility	Reaction Plan & Corrective Action
									Freq.		ποοροδιοπιτγ	, letteri
			Free Fom burr, Crack, Dent, Blow Holes , Casting Defects, scoring mark, die coat mark, Extra Material, unfill		_	As per Eye Sequance Chart	NA	01	1:01	Final Inspection		Inform to Supervisor or Quality Engg in case of any non- conformance to take corrective action
NOTE: 1) First Piece Inspection to be done by shift Supervisor in start of every shift with process parameter to be recorded in Inprocess Inspection Report												
Note: 2) Control Plan Reviews Frequency is 3 Months .												
Prepared by :					Approved by :							