POTENTIAL FAILURE MODE AND EFFECT ANALYSIS
(PROCESS FMEA)
(ISO/TS 16949:2002;CLAUSE NO. 7.3.1.1)

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ITEM : RING GEAR

PROCESS RESPONSIBILITY : MR. PACCAGNINI

CORE TEAM : MR. DP, MR. MP

PROCESS-FUNCTION / OPERATION	REQUIREMENT	POTENTIAL FAILURE MODE	POTENTIAL EFFECT (S) OF FAILURE	SEV	CLASS	POTENTIAL CAUSE (S) / MECHANISM (S) OF FAILURE	OCCUR..	CURRENT PROCESS CONTROLS PREVENTION	CURRENT PROCESS CONTROLS DETECTION	DETECT	R.P.N.	RECOMMENDED ACTION (S)	RESPONS-IBILITY AND TARGET COMPLETION DATE	ACTION RESULTS				
														ACTION (S) TAKEN	SEV	OCC	DET	R.P.N.
RM Reciving Inspection	Chemistry, Hardness, Grain Size, Inclusion Rating	Chemistry not as per Quality Plan. Non Metallic Inclusion not as per Specs. Grain size not as per requirement	Subsequent Oprn-Nill Next Oprn-Nill End Operattion- 1) Mechanical & mettalurgical properties not as per requirement 2) Premature Failure may occur	6		1.Quality Plan is not adequate 2.Measuring Equipment are not adequate 3.Competancy of Workman not as per requiement.	2	1.Adequate Reci-ving Quality Plan 2.Adequate Measuring equipments 3.FIFO Sustem being followed.	Adequate Quality Plan Reciving Inspection	4	48							