VE COMMERCIAL VEHICLES LIMITED. (UNIT:EICHER ENGINEERING COMPONENTS:DEWAS)UNIT:-II							CONTROL PLAN				80 - PF	PREV. OPN.         NEXT. OPN.           80 - PRE HT INSPECTION         100 - TEETH CHAMFERIN					PROJECT : RE-1  SURFACE FINISH : DOC. NO. :  NG			
_	NTROL PLAN I				- / -		KEY CONTACT PI	KEY CONTACT PERSON :- S. KOMULWAD				CORE TEAM :- SK, LEVA, SRS, IDS, MM, KUNAL, MJ, VS						REV-U		(ISION
EFF DATE         25.08.2016         EFF DATE         11.09.17         EFF DATE					LOCATION -	<b>→</b>	REST -		CLAMP	N	>	SPL.CHAR ( CRITICAL	R. L DIMN. )	B EE	ECD 🔷	CUSTOMER	R. A1 A2	2 0		
PROTOTYPE PRELAUNCH PRODN  O.E. EXPORT			MATERIAL COMP. WT	MATERIAL -: SAE 8620H COMP. WT -: 0.31 Kg.  * HEAT-TREATMENT-:			•	CHARGE N ENSURE STEEL H NO. * 575574 * & V			NO. MARKING HERE L HEAT CODE & PART & VENDOR CODE			NO OF TEETH :- 34 MODULE :- 2.50		E F				
								_		LREADY MARK	(ED IN BLANK STAGE BE MARKED)			MODULE :-	2.50	A SURF	1 MATE			
PART NAME   GEAR, 1ST DRIVEN   OPN. NO. 90					- NADKING .				~~^\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		ر.\			<b></b>			SG, DT-1 ACE HA 50 HV1	S. NVC:		
CUSTOMER ROYAL ENFIELD					PRE-WASHI	,		5			15	`					3.12.17. RDNES: AS PER	1 0CF IV		
OPERATION * HEAT - TREATMENT					PRE-HEATIN	-		\$			// .	5					S 80-84 I	DEWONE DEWONE		
CELL [OPTIONAL]  FIXTURE			M/C NO. [OPTIONAL]  S.Q.F.  FIX. NO. TOOL NO.			CARBURISING; HARDENING; POST-WASHING; TEETH DEBURRING (REFER SEP. CONTROL PLAN);			5/			3					MALTEME, SAM 401 PERMUED PREVISED AS PERCUSS SAM ISES DING BYANG, D.F1.3.12.17. SUPFACE HARDNESS 80-94 HPA WAS 80-85 HPA & CORE HARDNESS 300-450 HV1 AS PERCUSTOMERS LATEST DRAWING REVA. BY-NOG.	IN DEVISED AS PER CUS		
						NO.	SHOT BLAS		* 1						2				ORE HARDNESS G REV-b. BY-VSG	ET'S I ATEST DRG
							<b>*</b>					I							G. KEVC. S 330-480 HVI   G, DT-24.07.17	
						SURFACE HA	SURFACE HARDNESS		CORE HARDNESS		EFFECTIVE CASE DEPT		TH MICROSTRUCTU			RE		HV1 W		
							ALL AREA	4	AT RCD (MIDDLE OF TEETH)		AT PCD		CAS		CASE		CORE		\$	
							80 ~ 84 HF	A A 330~4		480 HV1 🖟	PROCESS REQUIRED			FINE TEMPERED  MARTENSITE + RA <10% AI  FREE FROM CARBIDES			LOW CARBON MARTENSITE + BAINITE	I .		
											FINAL 0.6 ~ 0.9 mm REQUIRED CUT OFF 513 HV		GBO<20 micron, 5%CARBIDES GLOBULE FORM ALLOWED							
							NOTE:- 1) GRO	NOTE:- 1) GROUND SURFACE : HARDNESS @ 0.1mm SHALL BE 650 HV1 MIN.												
SR.	SR. CHARACTERI				1	DUCT CATIONS	EVALUATION TECHN	MEASUR NIQUE	EMENT	MENT SAM		MPLING R		CONTROL METHOD			RRECTIVE ACT	TION /		
NO.	PRODUC	PRODUCT PROCI		CLASS		ICATIONS	INSTRUMENT		NO.	O. SIZE	FREG					RE/	ACTION PLAN	TION PLAN		
1.	EFF. CASE						MICRO-HARDNES TESTER	S		1 PC	PER CHA	NRGE ~ IN	ISPTR.	TESTING		CHECK FURNACE SETTIN CONFIRM FOR CORRECTN				
2.	SURFACE HARDNESS			₿	REFER		HARDNESS TEST			5 PC	PER CHA	CHARGE ~ INSPTR.								
3.	CORE HARD	CORE HARDNESS			A.	BOVE ABLE	HANDINESS IESI			1 PC	PER CHA	RGE ~ IN	ISPTR.	FOR R						
				₿	] "		MICROSCOPE			1 PC	PER CHA	RGE ~ IN	ISPTR.			RFFEF	EFERENCE ON		. <b>Y</b>	
4. MICROSTRUCTURE		CTURE					MICKUSCUPE			1 PC	PER CHA	ER CHARGE ~ INSPTR.		FUN INC.						
5. SHOT BLAST		Т				FROM RUST SCALE	VISUAL		100%		PER CHA	RGE ~ IN	ISPTR.							
DRN BY			VIJAY S GIRI			CHKD BY R		PATHAK		'	AP	RD BY		l I	B.LEVA			PAGE 01 / 02		