MUKAND SUMI SPECIAL STEEL LIMITED: Hospet Road, Kanakapura Village, Koppal, Karnataka, 583228

Tel: 91-08539-286603-08 (6 lines)

					3	EO					7	0 0				1			-	
	TEST	STEP MA				1	YS	ı	4	7	01810	30 0 170/0 200 0 150/0 350 0 770/0 900 0.030Max 0.010/0.025 0.250Max 0.170/0.200 0.850/1.150	%C		MAC-TS-C	16	200	CUSI	Color	
			7	1	958.00	932.00Min	UTS (MPA)	TENSILE VALUES	(7	0 1890 0	50/0.350 0 77	%Si 9		MAC-TS-001-A & B Rev.08 DC13-01-2014 PG/02/14/1679-Dt : 19.02.2014	ECIFICAL	CUSTOMER	OMEN. 30	OMED. CL	
		(1	22.8	14.00Min	%EL	VALUES	(7	0.8030 0	70/0,900 0.0	%Mn		Dt 19.02.20	TOTA INC	VER NO	II VAIN AC	IV AM AI	A	
	E-381)	RO ETCH LTS(ASTN	<	1	66	40.00Min	%RA		-	1	0.0130 0	30Max 0.01	%P		01.2014	10014		CUSTOMER: SHIVAM AUTOTECH LTD.		
-	T A						STRE (IZOD/C	IMP	(·	0 0 1 6 0	0/0.025 0.25	%S 9,				CUS		Th	
11		=					STRENGTH (IZOD/CHARPY)	IMPACT	(1	0.0260 0.1	50Max 0.170	%Ni %				CUSTOMER P.O.NO.			40
-	B	NCLUSION Method			190	240 BHN MAX	(BHN)	HARDNESS	,	1	0.1770 1.0	0.200 0.850	%Mo %Cr		M124825		HEAT NO			Z
		'A' Plate I	ME	1	28.0	AX 27/30	J13mm	SS	Z	1	1.0600 0.0180	1.150 0.300Max	Cr %Cu	0					Delivery.N	1
	7	(ASTM - Worst Fiel	METALLURGICAL PROPE	1	0	30			MECHANICAL PROPERT	1	0.0250	Max 0.020Min	u %Al	CHEMICAL COMPOSITION		SCM420MH	GRADE		Delivery.No: 8200100384	TEST CERTIFICATE
-	II .	ds)	GICAL						CAL PRO		700	Min	Al %Sn	L COMP		56 R	SECTION (IN mm))384	CLIRICA
-	H	5	KOPE						PERTIES	The same		-	in %V	OSITION		56 ROUND V	ECTION IN mm)			I E
-		GRAI (A	KILES					JON	1	1	89.000	90.0M			STRIP	WHITE BASE, IBLUE	COLOR CODE	EOI		
		GRAIN SIZE (ASTM E-112)						TINY VAL		7	0 15 000	90.0Max 15.00Max 2.00Max	N ₂ ppm O ₂ ppm H ₂ ppm			EIBLUE	-	-LRF-VD	PROC	
		DEFECT HARDNESS LEVEL (mm) (OILQUENCH	O DE ACT					JOMINY VALUES (HRC)	TIPE (III)	/	1.810	2.00Max	H ₂ ppm			AS ROLLED	CONDITION	EOF-LRF-VD-CCM(EMS)-R.MILL	PROCESS ROUTE	
	H)	m) (OILQ	-						3				%11 Ca				-)-R.MILL	E	
	(HRC)		3400										СаРРМ Вррпп		-	5.00 TO 6.00 /	-	_	TC	
		TEST RESULTS	IIPSET										+	-	3739	AS PER IS	(IN mm)	CUCK NO:	NO. K124	
10/		DECAR	TOTAL								-		7073	\dashv		311	PIECES	TRUCK NO: KJUZUB4061	825 DATE	
10% of the Dia Max		DECARBURIZATION IN mm	TOTAL DEPTH OF		-			VALUE	D.I.			1	-	ossh osph	35.420		4	OHANTITY	TC NO. K124825 DATE.30.05.2018	
		N.	Ť		L			Ti .							L		- Acres as	7		

PREPARED BY

TEQ TEQ

9 9

C2R2S2Max <C2/R2/S2

REMARKS 1. BLOOM SIZE 200X200MM2.REDUCTION RATIO: 1.16.24

X X

2.0

0.5

0.5

0.5

0.5

0.5

1.0

7.0

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N N

N N

1% of the Dia Max 0.40

1.0

5.ULTRASONIC TEST: OK AS PER ASTM A 388-2003 6 "MATERIAL IS PREE FROM RADIO ACTIVE ELIMENTS"

2.MPI TEST: 100% DONE & FOUND OK.

4.MICROSTRUCTURE : OK

3.BANDING OK

AUTHORISED SIGNATORY

K.POMESH(GM-QAD)