## SLR Metaliks L

Sy.No.632, Narayanadevarakere, H.B.Halli, Tq. Bellary District, 583 222



## TEST CERTIFICATE

			1		8. Insp	7. Mai	6. The	1	5. 100	4. 100	3. Ban	2. Mic	1. Di	VI. R	Actual 1.0		1	T	,	IV. A	Actual	Max	Min			- 1-	Actual Contract	Max 0.1	Min 0.:	*	r c	As per n		No. of the last of	-
Prepared By					ection (	7. Material is conforming to the customer specification.	6. The material is comply with ROHS (Pb,Cd,Hg,Cr+6) permissible limits.	5. The many of done as per ASTM A388 & found Ok.	10 TH 20	4. 100% MPI done as per ASTM E1444-12 & found Ok	ding is (	rostruct	mensic	VI. REMARKS:	0.5	+	+	- >	•	TETAL	1052		735	(MPa)		PICAH	202		0.130 0.1	C	HEMIC	nail dtd			
					8. Inspection Certificate as per EN10204:2004, type 3.1	conform	al is com	one as p	ח זב פת	one as	3. Banding is Ok As per UNI 8449:1983 Grade IV.	2. Microstructure: Uniform Ferrite + Pearlite	Dimension tolerence: as per IS 3739 Grade -	ŝ	5 0.5	+-	+	+	INCLU	IV. METALLOGRAPHY	STEWN STATE	-	-	-	(Quenched & Tempered) (ASTM A370)	IL PHYSICAL PROPERTIES	200		0.150 1.000	Si Mn	L CHEMICAL COMPOSITION	As per mail dtd 18.03.2021 From Mr. Panchanan Mishra. QF 1001, Reva, Dtd 14.06.2024	Cus		3
					te as pe	ing to t	ply wit	er ASTA		per AST	er UNI 8	iform F	rence:		0	+	H		SION F	AHA	1142	1370	1030	(Mpa)	ed & Te	PERI	0.012	0.020	8	F F	MPOSIT	Dtd	MOTE	70000	75 558
		7			r EN102	he custo	ROHS	1 A388 8		M E144	449:198	errite +	as pe			0.5	1	+	ATING	1	-	-	_		mpered	5	20.00		0.015	S	NOL	rom Mr. Pancha Dtd 14.06.2024	R SPEC		FNGIN
repared	Arshad Khan	K			04:2004	mer spe	(Pb,Cd,H	k found		1-12 & f	3 Grade	Pearlite	r IS 3		0	0.5	H	٦	INCLUSION RATING (ASTM E45)		14.1		8	% ET	hed & Tempered) (ASTM		1,040		15 0.800	<u>ဂ</u>		nchanar 024	CUSTOMER SPECIFICATION	m/s see themselves a	בכחם ד
1 By	han :	8			, type 3	ecificatio	lg,Cr+6)	웃	2 2	ound Ok	₹		739 Gr		0.5	1.0	H	$\dagger$	E45)						A370)		0.00.0			Mo		Mishra	ION		
					.1	'n.	permiss		Ι.						2.0	16	H	٥	'		61.2	•		% RA		1	0.015	_		2		. QF 100			
							ible lim						1			-	1	300		100							0.026		0.020	A		)1, Rev3		27	
							į,									ļ-	s	1	- 5					(AT	(Cha		6 0.021	,		Alsol			5		
																	0	7	(As per		37.2	,	25	(RT) V-Notch (2mm) (Joules)	haгру) (ASTM E		1 0.007			- <		53400	HEAT NO.	MBFE	
																	s	1	(As per DIN 50602)					) (2mm) s)	(Charpy) (ASTM E23)		0.0021		,	::1			4. 58 2.04 2.04 2.04 2.04 2.04 2.04 2.04 2.04	OF-LRF	
		1 2 2 2													'		0+8		22)	ING			5		3)		1 0.020	0.300		5		16MNCR5	GRADE	VD-CCN	
														7.5	5	(ASTA	1	S CF		Actual	Max	Min	1			0.0004	0.0005		8		S	Ē	I-EMS-A		
														5	₹.	(ASTM E112) ASTM E-1077		GRAIN		162-169	260		As R			0.0004 0.0011 0.0006 0.0010 0.0002			Ž.		60	SIZE	MLC-RM	VILC-RM:	
															0.21	0.60mm Max	ASTM I		TOT		169	50	·	As Rolled (BIIN)	HARI		0.0006	0.0010		ಬ		60 DIA	SIZE (mm)	S	
Rev	-1														_	n Max	E-1077		AL TA						HARDNESS		0.0010	•	.   ;	2			REDUC		
Reviewed & Issued By	NAVIE NA M	P													Better	Q.	(AS)		TOTAL DECARB (%) MACROSTRUCTURE	V.					16.		0.0002		.   ;	ş	4	14.15:1	REDUCTION RATIO	200x200	
Issued 1	2 /	1													Better Than C2R2S2	C2,53,R3 Max	(ASTM E-381)		STRUC	OTHE					ta .		0.0012	,	۱ ۱	ŝ			RATIO		
Ву															252		5	_	TURE	V. OTHER TESTS	Actual	Max	Mib			H	0.0010 0.0001 0.0003 0.0061 0.001	_	. ;	₹			1		
			-		. \$	B	A	11	-								(H		STE		42.0	-	39.0	J1.5		IMOL .	0.0001	•	+	<b>E</b>		5500 TO 6000	LENGTH (mm)	ı	
	,	2	RAPAR	0,7	7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				3	1				Š	,	(IS 4075)		STEP DOWN		37.4	-+	35.0	J5		NY HAI	0.0003	-	+	2		6000	(mm)		
			C,	5			E		A STREET	TOTAL PO	OFFICE OF						11.				29.7	+	29.0	J10		RDENA	.0061 0	-							
	1	12		\$	Y		257	No.	Z							.	,		UPSET		26.2	_	25.0	J15		III. JOMINY HARDENABILITY (in HRC)		+		117				As Rolled	
		Y	79	₹4.	P	-	C	S					A CONTRACTOR			2	10	L		5	23.5 2	-	+	J20 .		(in HR	3.9 1	-	atio (p	AIN2R I	. 10	골	00	lled	
																aterial Is	0% Bars	0% Bars	0% Bars		22.1 2	+	+	J25 J	(Distance	ß	1.64 6	2.50	(ppm) (pp	H2 7		PINK + GREEN	COLOUR CODE		ă
																free fro	checked	Checked	Checked			$\top$	+	J30	(Distance Unit: mm ) (Standard : IS 3848)		66.2	-	-	N2 Q		EEN	CODE		
		-											-			m Radio	for Mix-	by MPI	by Man		-	+	+	-	m) (Star		14.9 .	20.0	3	02					
Auth	4															active co	Up by PI	- Found	ual UT -		$\frac{\cdot}{\cdot}$		+	$\exists$	idard : IS					$\dashv$	4	38	-	-	
-Kanjan Das Authorised Signatory	S. S.												STATE OF THE PARTY			Material Is free from Radioactive contamination	MI & Spa	OK & Ma	100% Bars Checked by Manual UT - Found OK		$\dashv$		+	$\exists$	3848)					+		SE24Y-14489	INVOICE		The second line is not the owner.
ignatory	*															tion	100% Bars checked for Mix-Up by PMI & Spark - Found OK	terial is f			+		+	-			-	+	1	-	-	22.69		25011623	
		$\dashv$															NO P	ree from			+	+	+	-			-	+	+		-	-	-	13	
													200					100% Bars Checked by MPI - Found OK & Material is free from surface defects				.   .					-	1	-		_	r u	BUNDLE		
																		defects				.   .	1				•	+	-	_		SOHL	VE	30.2	
																						. .					4	1	1.			NO.	VEHICLE	30.01.2025	