SLR Metaliks Limited

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



TEST CERTIFICATE

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DATE 19-Dec-24	19-Dec-24	VEHICLE NO.	JH05DNZ199											,			efects															
	-	۸	=			0	1.0								1		urface de	3 OK														
TCNO.		BUNDLE	4	7.430 4												ound OK	free from s	ark - Foun	amination													
	24120840	QTY (MT) BUNDLE	7.430									١.				100% Bars Checked by Manual UT - Found OK	100% Bars Checked by MPI - Found OK & Material Is free from surface defects	100% Bars checked for Mix-Up by PMI & Spark - Found OK	Material is free from Radioactive contamination												A = 10	2
	241		2002		-	100				A255)	,		,			ked by M	and OK &	Mix-Up	om Radio											5	* Dungand -	Ranjan Das Authoriscal Signatory
		INVOICE NO.	SE24Y-12002		-					: ASTM						ars Checl	API - Fou	MPI - Fou	Is free fr											(D.	Kanja Ithorised
SUPPLY CONDITTION As Rolled					٦.			N		Standaro						100% B.	cked by A	Bars che	Material				1							1	,K	A
		COLOUR CODE	Yellow + Brown			e		13		(Distance Unit: mm) (Standard : ASTM A255)				28			Sars Che	100%														
								C			92	24.5	31.0	24.5			Upset 100% B															
					,			٠	IRC)	(Distan	325	25.5	32.0	26.7																		
	tolled					2	10		III, JOMINY HARDENABILITY (in HRC)		120	27.0	33.5	27.8																		
	As B				Ŀ	-	is.				JIS	29.0	35.5	32.8			5															
		0				å	•				Ę	32.0	38.5	38.2			5	0														
		LENGTH (mm)	5770+40		Ŀ	84	-				ž,	38.0	44.0	42.5			Step Down	(IS 4075)		ð												
		LENG	577			•	•	•	E 30		2.IL	41.0	46.0	45.5	ESTS							1										
		0			-	•	•	,			احما	Min	Max	Actual	OTHER TESTS		icture	-381)	Max	C2R252										1		d By
(mm) 200x200	200	REDUCTION RATIO	20.37:1		Ŀ	•							٠		>		Macrostructure	(ASTM E-381)	C2,R3,S3 Max	Better Than C2R252										1		Jameer Basna Reviewed & Issued By
	200x	опстю			-			(C)						٠					3007	- Be					- Control of the Cont					Ų.		Reviewe
		1.00			2R.	1		6		Hardness						I Deca	Total Decarb (mm)		0.60 Max	0.22			1	C	9	1)	X		*	. -	-4	_
PROCESS ROUTE MBF-E0F-LRF-VO-CCM/EMS-AMIC)-RMS	MS	SIZE (mm)	50 DIA		B AIN2R	2.1	500	2.9		=	As Rolled (BHN)		240	172-176		1		(2) ASTM E-1077	•	_			14	1/		1	रुक्	_	1	1	Ŋ.	
	AMLC)-RI	IS			O2 (DOM)		20.0 0.0005	11.4 0.0004	and a few		1	Min	Na Na	Actual			Grain Size	(ASTM E112)	8-8	^			O IN	STATE OF STATE OF		3		7		Manage on P.		
	CCM(EMS-	GRADE	20MNCR5		H2 C		2.50 20	1.76 11		Impact Test (Charpy)	(Charpy V-Notch)(J).	Z5 M	- Max	38 Act									12	1	Col		3/1	7	Mark St.	1		
	-IRF-VD-C	5	201		N2 (mon)	60.0	120.0	92.1								Arting 50602)		8+0					1	0				Carried S				
	MBF-EOF	NO.	7		5		0,0010	0.0006								Inclusion Rating (As per DIN 50602)		0		i						an a						
		HEAT NO.	50562		đ		0.300	0.021	SH .							E S		s														
CUSTOMER NAME M/5 SSB ENGINERS PUT					7	0.020	0.050	0.027										Si		7												
				I. CHEMICAL COMPOSITION	Z	,	0.300	0.013			120			42.7				Н	1.0	0				ř.						-		
		CUSTOMER SPECIFICATION	05.2020		Mo		0.100	0.005		Tensite Properties (Quenched & Tempered) (ASTM A370)	% RA		-5				۵	L	0.1	-				ible limit	Material is conforming to the customer specification.			1				
			Dtd: 12.		۲	1.000	1.300	1.200 (1					thod A)		н	5.0	٥) permis		3.1				Allen	Archad Khan	Prepared By
	EERS PVT		v No.02,		s	0.015	0.030	0.020			UTS % EL	7		15.8		Inclusion Rating (ASTM E45 Method A)	Ü	T.	5.0	0		136		1, Hg, Cr+6		04, type				V		Prep
	B ENGIN		1001, Re		D.	i	0.020						1570			(AST)		н	1.0	0		+ Dearll		45 (Pb,Cc	stomer	10204:20						
	M/5 55		DANA Specifications QF1001, Rev No.02, Dtd: 12.05.2020		Min	1.000	1.300	1.240 0.011	ERTIES	Te nched &		1230		1248	λH	n Rating	9	-	2.0	0.5		S per 15 3	41 8A49	with ROP	to the cu	s per ENJ						_
					22	0.150	0.400	0.220	L PROP	(Quen	_				OGRAP	Inclusio		н	1.5	0.5	ë	rence: a	is per Un	comply	forming	ificate a:						2
					ن	0.150	0.200	0.194	II, PHYSICAL PROPERTIES		YS (MPa)	930	9	1021	IV. METALLOGRAPHY		4	1	2.0	1.5	VI. REMARKS:	Dimension tolerence: as per IS 3739 Grade - 1 Microstructure: Uniform Ferrite + Pearlite	Banding is Ox As per UNI 8449	The material is comply with ROHS (Pb,Cd,Hg,Cr+6) permissible limits.	al is cont	Inspection Certificate as per EN10204:2004, type 3.1						
				I CH	%	Min 0	Max 0	Actual	II. PH			Min	Max	Actual	IV. M				Spec	Actual	VI. RI	Mirrost	Bandin	The ma	Materia	Inspect						
					,	S.	W	Ψ¢				N	M	Act	20				Sp	Act								10				