Web Site: www.sunflagsteel.com E-mail: admin@sunflagsteel.com Regd. Off.: (0712) 2524661 Works: (07184) 285551

CIN: L27100MH1984PLC034003

Regd. Office: 33, Mount Road, Sadar, Nagpur - 440 001 India

Works: Bhandara Road, Bhandara - 441 905 (Maharashtra)

TEST CERTIFICATE



CUSTOMER : RAMKRISHNA FORGINGS LTD											PROCESS ROUTE						TC NO.							.01.2		
											MBF-	EAF-LE	RF-VD-	CCM-R	M	DEL	LIVERY	ORDER N	0.: 81	105020	03	TRUCK	NO. : CG	07BB4	1090	N. Carlot
CUSTOMER SPECIFICATION NO. HEAT GRADE									S	SECTION GRADE						BLT/BLM SUPPLY CONDITION						I.ENCTU	NO OI	E LOT	DZZ	
No.								· I	N (mm)	1		COLOUR CODE			SIZE(mm)								OF QTY			
RF/14/D-401/150 R-05 /28.10.2017 07877 SCR420H								RND-	RND-75 PURPLE+BLUE					210x232 AS ROLLED							5.500		26.5	05		
							r jet		- 7.3%			CHEMIC	AL CO	MPOSIT	CION				+ 0	3,21	Cont	+26.6	345m7 =	50 1	47 M	OT
8	C	%Mn	%P	%S	8	Si	%Cr	%Cu	%Ni	%Mo	%V	%A1	%Pb	%Ti	%B	%Sn	. ∣ %W	%As		Ca	%Sb	%Co			-	
SP-MIN 0.	.17	0.55	1 -	1-	0.1	5	0.85		-	-				_	_	_!	_	!	_				_	ppm	ppm	ppm
-MAX 0.				1		1	1.05	30		0.06	0.02	0.020	1	0.020	0.000	6 0.02	-	0.01	- -	-	0.010	- -	-	- 15	90	2.0
ACTUAL 0.	.18	0.85	0.0100	0.010	00 0.2	100	0.9700	0.016	0 0.0170	0.0050	0.0060	0.0300	-	0.002	6 0 . 000	2 0.001	_	0.005	_		0.0007	<u> </u>	10.00201		70	1
				1				10000		F I					_	_					7.0007		0.0020	13	78	1.0
							ICAL	PROF	PERTIES							JC	YNIMC	VALUE	(MM)	- HF	RC)		1			
	 PS/Y ()		As Rol	led ,	/ H.T. %EL 		%RA 	(I ()	IMPACT ZOD/CHAR		ONESS HN)	DI VALUE 	CE VALU	 E J1.	 5 J3 	 J5 .]6 J	7 J9 	 J10 	 J11 	 L J13 	 J15 	 J20 	 J25 	 J	J30
SPEC-MIN -MAX	600		-		-		-	-	- 12	-		-	-			32.0 -		.0 -	 -	21.0) -	1-	-	<u> </u> -	1-	_
							-	-		240		-	-	48.	0 48.0	37.0 -	34	.0 -	-	32.0) -	-	-	-	1-	
ACTUAL	-	1	-		-		-	i-		161		-	-	42.	0 38.0	33.0 -	29	.0 27.0	-	25.0	24.0	21.0	20.0	17.0	15	5.0
		1.								!		METALI	LURGIO	CAL PR	OPERT	II_			1					I		
	INCLUSION RATING (ASTM-E-45 /IS					/IS:416		GRAIN IZE (ASTM		FACE	QUENCE	CH JISGO							DECARBURIZATON (MM)			MACRO ETCH				
	A T	A H	B T 1	вн _	C T C	С Н	D T D	H -	E- 112)			()		dA	+ di	B+dC	+dC =		Ful	Full Partial					RATIO	
SPEC-MIN -MAX	- - - - - - -				0.50 2.00 1.00					OK -		- -				-		- - - -			- -	- C2R2S2		6:1		
7	1.00 - 0.50 - 		1	0.00 -			7/7	7/7.5 OF			-	<u> </u>			<u>- </u>		0.000		- 0.38		0.38	C2R2S1		11.03		