Web Site: www.sunflagsteel.com E-mail: admin@sunflagsteel.com Regd. Off.: (0712) 2524661 Works: (07184) 285551 CIN: L27100MH1984PLC034003 SUNFLAG IRON & STEEL CO. LTD.

Regd. Office: 33, Mount Road, Sadar, Nagpur - 440 001 India Works: Bhandara Road, Bhandara - 441 905 (Maharashtra)

## TEST CERTIFICATE





CUSTOMER : M M		F	PROCESS	s ROUT	Е	TC NO	NO. DICE NO.		: 14.03.2018 : 14.03.2018													
								MBF-J	EAF-LRI	F-VD-C	CM-RM			VERY OF	RDER NO.	.: 8105	57763	TRUCK	K NO. : TN	J48J56	,89	
USTOMER SPECIFICA	TION NO			HEA	AT   C	GRADE	SF	ECTION			FRADE	9		BLT/BLM  SUPPLY CONDITION						H NO.OF		
				No	No.		IN	IN (mm)   COLOUR CODE					SIZE(m	SIZE(mm)						PIECE	IS (M	Γ)
SA044A R-3		/1	10.10.20	017   0868	82 SC	CR420H	RND-6	RND-60   RED+PINK DOT+RED					160x16	60 AS RO	.OLLED	Å.	5.800	I T	111.93	30		
		K Y						(	CHEMIC	AL COM	MPOSITIO	ION	_	200		<u> </u>					_ _	
%C  %Mn	%P	%S	%Si	%Cr	%Cu	%Ni	%Mo	%V	%A1	%Pb	%Ti	%B	%Sn	%W	%As	%Ca	a   %S	Sb   %Cc		1	<b>N2</b>	
P-MIN   0.17   0.55	-	-	0.15	0.85			-		0.020	-	[- ]	-	-	1	-	-	1-			-  -		-
-MAX   0.23   0.90	0.030	0.030	0.35	1.05	0.30	0.25   0	0.06   0	0.02	-  -  -	0.01	0.020	0.0006	, 0.02	( -  -	0.01	-	0.01		0.0100	20	100	2.
TUAL  0.19  0.82	0.0150	0.0070	0.2200	0.9900	0.0280	0.0180   0	0.0030	0.0050	0.0250	0.0003	0.0034	0.0002	2   0.0011	1-	0.0050	) 0.007	13   0.00	)07   -	0.0030	15	92	11.
			MECHAN	NICAL	PROPER	RTIES		P S			1.		JON	AINY V	VALUE (	(MM -	HRC)			-	<u> </u>	
1	As Roll		H.T.			IMPACT	HARDN		DI	CE			I I		1			Ast z.				
PS/YS  ()	UTS  ()	9	%EL	%RA 	(IZOD	OD/CHARPY)	)   (BHN	1)	VALUE	VALUE	J1.5   	5   J3	J5   J6	J6   J7 	J9   	J10   	J11   3	J13   J15	5   J20 	J25 	5   J3	30
PEC-MIN   -	1-	7		4-					1-	4		1	32.0 -	29.0	0   -	1-	- 45 -		-		7-1-	_
-MAX   -	Î-	-		-	-  -		-  -		-	-	j -		37.0 -	34.0	Day 1	-  -  -	-  -	-	-	-	-  -	
TUAL -	-	-		-	/ i- 7		165		1-17	4		- 3	34.0  -	30.0	3   -	1-1		1-49	-		1-	
1				1					METAL!	LIBGIC	CAL PROP	\\ \DERTI	req									_
IN CLUSION RATING (ASTM-E-45 /IS:4163)   GRAIN   SIZE (ASTM							SURFACE   (					G0555	College Colleg		DECARBURIZATON (MM)			MACRO ET		REDUCTI RATIO		
A T  A H	B T  B	H   C	T C H	D T D	A STATE OF THE STA		112)		()		dA + dB-		B+dC	=	D	Full	Full Partial				.	
PEC-MIN   -  MAX   2.00   1.00	-   -			-   -			OK		-		-	1	-		-	-	-	-	-   C2R2S2	of Awaren	6:1	-
-MAA   2.00   1.00	ALC: NO PERSON NAMED IN	3		The second secon						and the second second	A STATE OF THE PARTY OF THE PAR	4		A STATE OF THE STA			A STATE OF THE PARTY OF THE PAR			A STATE OF THE PARTY OF THE PAR		

%PB=0.00,%HG=0.00,%CD=0.00 HEXAVALENT CHROME=0.00

The way

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