Web Site: www.sunflagsteel.com E-mail: admin@sunflagsteel.com Regd. Off.: (0712) 2524661 Works: (07184) 285551 CIN: L27100MH1984PLC034003

SUNFLAG IRON & STEEL CO. LTD.

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

TEST CERTIFICATE



o the	above conf	0 2	rial de	that the material defor Sunflag Iron &		e certify	We	2		ITE.	RRITE + PEARLITE	STRUCTURE: FERRITE		SPARK/SPECTRAL:OK.MICRO	:100%	REMARKS
C1R1S1 20.38	0.18	0.18		1			_	1	ı	OK	7/7.5	.50 -	0.00 - 1	0.50 -	1.00 -	ACTUAL
C2R2S2 -	0.40	0.40		1	1				1	1		1.50 - 8	1.50 -	1.50 -	(11.50 -	-MAX
I		-	-	1	1		_	1	1	OK		1	1	1	1	SPEC-MIN
ASTM-E-381	Total A	Full Partial	Fu	ם ם	dC	dВ		dA	_ =		- E- 112)	H G T G	С П С Н	B H	A I A H	
RESULTS RATIO								SSI	HARDNESS	QUALITY		1	1	3	-	
MACRO ETCH REDUCTION		DECARBURIZATON (MM)	D1		555	JISG 0555		H —	QUENCH	SURFACE	GRAIN	/IS:4163)	(ASTM-E-45	I ON RATING	INCLUSION	
						PROPERTIES		METALLURGICAL	METAL				0			
					-	1	-	1		190			1	ī	ī	ACTUAL
								- 1	1	195	1	ı	1	1		-MAX
				_	_			1	1	1	ı		1	11	-	SPEC-MIN
1													_	0		
	-		_		_			CE	VALUE	(BHN)	IMPACT (IZOD/CHARPY)	%RA	/ H.T.	As Rolled	PS/YS	
			Ħ	VALUE	ANIMOL						PROPERTIES		MECHANICAL			
- 14 82 1.19						- -		0	0.0210	2400 -	0.	1.2100 -	0.0120 0.2200 1.2100	0.0170	0.21 0.87	ACTUAL
- 20 100 2.0	ı	-	- 1										-		L .	
1	1	- <u>-</u>	-	-	- (T T	0.020	ж л л	- 0.15	1.25 -	30 0.35	0.030 0.030	0.23 0.90	-
mdd mdd bbw bbw												L			0 17 0 55	SP-MTN
%Nb 02 N2 H2	%C0	%Ca %Sb	olo As	0/0 W	% us%	₩ %	%T:	%Pb	% <u>7</u> 1	%Mo %V	%Ni	%Cr %Cu	% %	% % % %	%C %Mn	
						N	POSITION	CAL COMP	CHEMICAL					5		
5.500 15.054			ij	S ROLLED	160x160 AS		DOT+RED	RED+BLUE		RND-40	SCM420H	02 06227	/01.06.2002	SCM420H/001	SF/BLUESTAMPING/SCM420H/001	SF/BLUI
(Mtrs) PIECES (MT)					SIZE(mm)		SUCCODE	COLOUR		TIN (IIIII)						(3)
LENGTH NO.OF QTY		IDITION	SUPPLY CONDITION	SUPE	BLT/BLM	B	A	GH	N	()	GRADE	HEAT		CATION No.	ER SPECIFICATION	CUSTOMER
K NO.:	TRUC	81036403		YORDER	DELIVERY ORDER NO.:		CM-RM	MBF-EAF-LRF-VD-CCM-RM	F-EAF-L	MB			5			
: 24	DATE	172709906	 L	NO.	INVOICE NO											
	DATE	0001034			TC NO.		H	SS ROUTE	PROCESS				NG LTD	SADHU FORGING	••	CUSTOMER
							0 0 0		0	1						

DOWN COAKS

For Sunflag Iron & Steel Co. Ltd.