Web Site: www.sunflagsteel.com E-mail: admin@sunflagsteel.com Regd. Off.: (0712) 2524661 Works: (07/184) 285551 CIN: L27100MH1984PLC034003

SUNFLAG IRON & STEEL CO. LTD. Regd. Office: 33, Mount Road, Sadar, Nagpur - 440 001 In...

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

TEST CERTIFICATE





CUSTOMER : SADHU FORGING LIMITED (UNIT -II)												PROCESS ROUTE						TC NO. :				3	DATE			.2018		
								125				MBF-	EAF-LR	F-VD-	CCM-RM	Ī	DEI	IVERY	ORDER NO).: 810	066079	9	TRUCK	NO. :	МР22Н	1346		
CUSTOMER SPECIFICATION No. HEAT GRADE No.										SECTION IN (mm)	GRADE COLOUR CODE				BLT/BLM S SIZE(mm)			CONDI'	NDITION			LENGTH NO.OF QTY (Mtrs) PIECES (MT)						
Q.F.1001 R-1 (NEW) /01.04.2015 10360 200								20MNCR5				+RED			160x160 AS ROLLED								25.	500				
													CHEMIC	AL COM	IPOSIT	ION												
	%C	90	Mn	%P	96	s	%Si	%C	r %Ci	u %Ni	%Mo	%V	%Al	%Pb	%Ti	%B	%Sn	₩ %W	%As	%C	a	%Sb	%Co	%Nk	-	N2	Tones and a	
SP-MIN -MAX	0.13	1000	The state of the s		1000000	015		0.80	100	0 0.30	0.10	-	0.020		- -	0.000	-	-	-	0.00	-		-	-	-	60		
ACTUAL	0.17	1	. 24	0.014	0 0.0	250	0.2700	0 1.06	00 0.0	220 0.0150	0.003	0 0.0050	0.0260	0.0002	0.0021	0.000	2 0.001	0 -	0.004	5 0.00	006 0 .	.0006	- -	0.002	8 13	88	0.9	
				180		1	месна	NICA	L PR	OPERTIES	.1	-1	1		1	1	J	YNIMC	VALUE	(MM -	- HR	C)	l			1	-	
	100	 PS/YS (N/MM2)		As Rolled UTS (N/MM2)			/ H.T. %EL 		200	IMPACT (IZOD/CHAR (JOULES)		RDNESS BHN)	DI VALUE 	CE VALUE	 J1:5	 5 J3 	J5	J6 J	 7 J9 	 J10	J11	J13	 J15	 J20 	 J	25	J30	
	 IN 735 AX -	* 1000000000000000000000000000000000000		A CONTRACTOR	I result to the second second		3.00 -		25.00			-		- - -	39.0		34.5 -			29.0		- 	25.0	22.5		.0 2		
ACTUAL	984	984.75		1105	1105.97		9.10 -			31.33		173] -	43.0	142.0	38.0 -	34	.0 32.0	30.0	29.0	27.0	26.0	24.0	22	.0 2	1.0	
		11											METALI	LURGIC	AL PRO	PERTI	ES					1						
	.3	IN CLUSI C			ON RATING (STM-E-45 /			GRAIN SIZE (ASTM	11	RFACE	QUENCH HARDNESS			JISO	90555	555			DECARBURIZATON (MM)					REDUCTION RATIO		
	A 7	A T A H 		BT BH		C	T C H	T D T	D H	- E- 112)			()	1	dA + dE		+dC		D	Full	Full Partial		Total	ASTM-E	ASTM-E-381			
SPEC-MI	0.000	- - 2.00 1.50					0 0 . 50		- 5 1.00 8		OK -		-				-			- -	- -		-4 K	- C2R3S3		7:1		
ACTUAL	2.00 0.50		1			1.00	i i		OK	1				1				-	0.26		0.26	C2R1S1		10.40				
REMARE						:OK.U	J.S.T.	(100%):OK.M	.P.T. (100	%):OK.		21 21 1	V.2. I.		We ce:	300000000000000000000000000000000000000		materi flag Iro					forms	to the	spec	s.	

MTRL IS FREE FM RADIOACTIVE ELEMENTS

BANDING WITHIN GR IV OF UN18449; AL/N2=2.95