155B			RAW	MATE	RIAL	INCO	MING I				. :- F/05/01 b. :- 01, 01.07.2				
5	1783		SECTION : -		Som	m.	HAE	T NO : -	830	_	1 1500.00		à la company		- :- 02 , 11.05.2
.00	क्षीयुद्ध	5	STEEL SUPPLIER :			el							9	5801	
	SAESGR	OHT	STEEL TC NO :-		5421	4 '	NO. C	F BARS : -			INVO	CE DATE	-	303	185
Process %C	s /Mfg Route	%Si	SS SP		FND.	+.ccu		ns		7 22			- Company		
0.18		2050	%S %P	%Cr	%NI	%Mo	%AI	%Cu	%As	%Sb	%V	%РЬ	%Ca	%Nb	%7i
0.18	20 A GOO A	1,350	0.035 0.03	50.400	0.400	10.520	0.000	-)	_			-	~ ~
	7 0850 0	1.210		90.555	10:000	10.180	0.020			+-	_	,-	0.00	1	1 - 1
Value 0.0	16/0,864/0	.823	0.023 0.013	10.55	0.410	6115	0.022			-			0,000	V .	0.00290.0
				- 1	100	ne (b.)	111.15	10.130			0.01			0.005	1-20 A 4.
Bar Size	te (As per WI))	Qty:10 % Of Total	Heat		F 1	like j		The state of the s						
	S.NO.	1	1 1 2		0.4425.6008		Section Size(in mm)		100 St. 11 St.	Service Service	020(525)	SA 64 196	ĭ.	
, Checked	-	80.2	80'X 80'	1 80.3	5	6	7	8	9	10	11	12]	
		7	201 70	1180.7	80.0	180.5	80.0	80.1	T802	180.5	180.4	1800		J	
Gas Co	ontent (PPM): As	per Mill	Tc		N2	H2	02								
				Min_	60		-								
				Max	130	2,5	ORE								
				Value	85	0.961		_							
				Mill Tc	10	0.19	14								
Steel S	Supply Condition	n:		1 1	6	1-11									
				H	0-1(k	Oller		J							
			-												
MACR	30 ((1)	Internal sound	ness Sample	: (ASTM E3	81 or as per	customer)	52	RZ	C 2_	m/	0			
		(2)				Valu	ie Obs.	_82	Q P	<u>CQ</u>	_ ´				
	((ii)	Dendrite structure	e or samble :											
	- 1	(iii)	Step Down Test S	ample :(IS40	75 or as per	r customer)		Ð	K						
7-170													•		
Micro	structure As Rol	lled :	- 15				iture : (or as	per customer	L	74 (Sec. 1981)					
						MIII Tc		Y+	F4B						
						SSB		4	1413				•		
ULTRA	SONIC TEST (AS	PER ASTIN	: (88EA N	37873141	1	Mill Tc	10,100,000	loor	1. Do	~0 O	<u>.</u>				
									7	-				4 (4)	
INCLUS	SION RATING (IS	3 14163 /A	ASTM: E45A OR RE			3)									
					A phide	Alur	ninate		cate	Oxi		C	s		
		i		TN	ТК	TN	TK	TN	TK	TN	TK	TN	TK		
			Cust Spec.If Any	2.0	1.5	2.0	1.0	0.5	0.5	1.0	1.0				
			Mill Tc	1.5	0.5	0,5	0.0	00	0.0	1.0	0.0				
			SSB	1:5	0.8	2.0	0-0	00	0.0	1.0	0.0				
GRAIN	SIZE :		Spec.:-	6-8		Mill Tc	7		<u>SSB</u>	6					
(ASTME	E112 / IS-4748)														
0595	t to			14.7											
	Y HARDENBILTY 8 /ASTMA255	90	Distance Spcificified	34-39											
	required by Cus			138		 						Barre 1			No.
			Observed	37		1						N.V.		red .	21,78
11120							15.45004.4	CT11 1 270			As per I	1757	(6)		1
MECHA	NICAL PROPERT	TES : (If Re	equired In TDC /Cu	istomer	U-	.T.S As pe	er IS:1608/ A	N/mm2		IMPACT '		IMPACT	VALUE		
						2 /MPA		IPA	%EL	CHAR		IZC			
				ecified		-1570	930	WIN	4 W/J		<u>50m/</u>	Ŋ			
			Ot	oserved		1:3'08	-	- 1030	<u>`9.51</u>	38 J					
				2	3	4	5								
	As Rolled Ha (BHN (Max /		187	189	190	192	193								
	(If Required I												1 11		
	THE REAL PROPERTY.			MA				- 1/4				41			
			100%	David Charaka		Ol:									
VISUAL						Oh		Japan Property							
VISUAL	(i) Su	urface Cor		Bars Checker Bars Checker	1										
VISUAL	(i) Su (li) He	eat No.	100 %	Bars Checked Bars Checked				- 126							
VISUAL	(i) Su (li) He		100 %	Bars Checked		OK.				- 5					
VISUAL	(i) Su (li) He	eat No. olor Code.	100 % . 100 %	Bars Checked	ng-	- OK				The second			- 121		
	(i) Su (li) He	eat No. olor Code.	100 %	Bars Checked	ng-		X200°	REDUCTION R	ATIO: 8	.0:1	18		- 220		2.
REDUCT	(i) Su (ii) He (ii) Co	eat No. olor Code.	100 % 100 %	Bars Checked	ng-	- OK	×200	REDUCTION RA	ATIO: 8	.0;1					1
REDUCT	(i) Su (li) He (ii) Co	eat No. olor Code. S stomer) A	100 % 100 %	Bars Checked Bars Checked	BLOOM SIZ	OK E:≈00	X200		-	.0;1					
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REDUCT (if Requ	(i) Su (ii) He (ii) Co TION RATIO:	eat No. olor Code. S stomer) A	100 % 100 %	Bars Checked Bars Checked	BLOOM SIZ	OK 2E 200	X-900) ang (· 0 :]					
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REDUCT (if Requ DECARE (if Requ	(i) Su (ii) He (ii) Co TION RATIO: uired in TDC /Cus B LEVEL: uired in TDC /Cus	eat No. Solor Code. Stomer) A (AS PE	100 % 100 %	Bars Checked Bars Checked	BLOOM SIZ	OK 2E 200	20	Orl evu) ang (
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REDUCT (if Requ DECARE (if Requ Test Cert. TDC / Cus (if Require) Mix-UP TI (if Require)	(i) Su (ii) He (iii) Co TION RATIO: B LEVEL: UPSETIBILITY TES tificate verified for the control of the cont	eat No. olor Code. Stomer) A (AS PE stomer) ST (AS PER or Each He omer)	100 % 100 %	Bars Checked Bars Checked	Speci Observation of the Company of	ified rved F	Not Ava	O. 6 6 hr) argy V	FD rmlng					
REDUCT (if Requ DECARE (if Requ Test Cert. TDC / Cus (if Require) MIX-UP TE (if Require)	(i) Su (ii) He (iii) Co TTION RATIO: ulred in TDC /Cus B LEVEL: uired in TDC /Cus UPSETIBILITY TES tificate verified for red in TDC /Custon Other Remarks	eat No. olor Code. Stomer) A (AS PE stomer) ST (AS PER or Each He omer)	100 % 100 %	Bars Checked Bars Checked	Speci Observation of the Company of	ified rved F	Not Avo	O. 6 6 hr) argy V	FD rmlng	:(0)				