V 55		THE INSPECTION REPORTS											- F/05/01 :- 01, 01.0 :- 02 , 11.0		
PADE -	16 Mp C 20	STEEL SUPPLIER : -	Sign		HAET NO : - REC.QTY : -		- 24-	315	INVOI	E DATE		156		7-	
11	Process /Mfg Route	Si %S %P	F- ECC	EL RE		BARS:	3	2					05		
hemistry	0.13 1-00 0.1	50 0.015	%Cr %Ni	%Мо	%AI	%Cu	8As	<u>⊕‱.c</u>	- R %v	<u>ጥ </u>	%Ca	%Nb	%Ti	%B	
17	0.18 1.300 0.4	050.030 0.020	0.800	- 1 -	0.030			-	-	ALD	7400	70110	-	100	
ii Tc Value	0.163 1.29 0.29	3 30001	11.018 O'CIA	0.100	1	0.030		_			0.0010		_	0.000	
ectro Value	1115	0.017	1001000	.0.002	0.030	6009	0.0010	0.0001	0.003	0.0010	4000A	60003		2003	
1	Bar Size (As per WI)	Qty:10 % Of Total H	eat						0 003			0 435	0.00	19-000	
of Bar Checked	S.NO. 1	2 3		Diameter	/Section Size(In mm)	1128 100000	Wine Charle	Suinee ole			1			
of Bar Criecker	60	2 60-1 60-4	60-1 60-2	6	7	8	9	10	11	12		{			
	Gas Content (PPM): As per		1.00.1 1.00.5	60.0	160.3	60.5	60.2	60.4		60.3		i			
Ĩ .	Gas content (FFW). As per	MIII IC	N2	H2	02										
			Min Ec			1									
			Value	2.5	20										
			MMITC 751	1.1	15:3										
	Steel Supply Condition:														
	MACRO (i)														
	MACRO (i)	Internal soundne	ss Sample : (ASTM E3	81 or as pe	r customer)	\$3	9.7		<u>~~</u>						
	(ii)	Dendrite structure (Val	lue Obs.		R_3	(2	- MA)	~					
	t un					S2	R2	. C	2						
	(iii)	Step Down Test Sar	nple :(IS4075 or as per	customer)		on								
	Micro structure As Rolled:										-				
				Micro stro Mill Tc	cuture :: or as	s per customer	I zgaza	13.46.113.	ű.						
				SSB		+	4-14				_				
						-	1P				-				
	ULTRASONIC TEST (AS PER	ASTM A388) :		1 4'II ~	V	•									
				Mill Tc		1001	- D-	∞ 0	K.		_				
	INCLUSION RATING (IS 141	L63 /ASTM: E45A OR REC	UITRED BY CUSTOME	R)_											
			A		В		С		D	Ι —		1			
			Swlphide TN TK	TN	uminate TK		icate		xide		DS				
		Cust Spec.If Any	2.0 1.5	2.0	1:0	TN 0.5	D:5	ITN ICO	TK	TN	TK	-			
		Mill Tc SSB	1:0 0:5	0.5	0	0	0	0.5	1.0		1	1			
		330	1.0 0.2	0.5	0	0	0	2.0	0.2		120/	1			
	CDAINISITE											J			
	GRAIN SIZE : (ASTME112 / IS-4748)	Spec.:- 5	-8	Mill Tc	त.	5	<u>SSB</u>	7			1				
	(FETWICZZE) 15 4740)			Mark's											
	JOMINY HARDENBILTY	Distance	1:5 5	10	115	ಷಿಂ	25	30			1				
	IS-3848 /ASTMA255 (As per required by Custom	Spcificified	39-44 35-30	29-35						-		-	-	-	
	(As per required by Custom	ner) Mill Tc Observed	40 36	29.3	28.3	36.4	र्वुब. न	2118						_	
	#17/ #138/KrgvB	ACTION AND A DOME	3.0	127	128	25'	22	22_							
)	MECHANICAL PROPERTIES	: (If Required In TDC /Cus			per IS:1608/	ASTM A 370			As per	IS: 1757					
				J.T.S n2 /MPA	Y.S	N/mm2 MPA	%EL	1	TVALUE		T VALUE				
		Spi		- 132		5012	8 mr		I MY		ZOD	+			
		Ob	served 1125	.725		735 4.	22.406		8J	1					
	As Rolled Hardr	noss 1	2 3	4	5	٦						_			
	(BHN (Max / Mir		162 164	166	167	1									
	(If Required in Ti	DC /Customer)													
	MCHA														
	VISUAL : (i) Surfac	ce Condition 100 %	Bars Checked	C	Dh										
	(ii) Heat l		Bars Checked	ć) L			_							
	(ii) Color	Code. 100 % E	ars Checked		K			_							
i i		, John Ho	Sanda e la Calaba												
N N	REDUCTION RATIO:	Specifiy	BLOOM S	IZE - 20	0020	REDUCTION	RATIO: \	4.15	:1						
	(If Required in TDC /Custom							,	-)						
Martin Maria	the desired in TDC /Custon	ier / As Fel Willi 70													
	DECARB LEVEL:	AS PER IS 6396 / ASTM E	1077) Spi	ecified		20916	um a	DX.	-						
	(If Required in TDC /Custon	ner)	Ob	served	PD	01	21	FD							
A STAN SAN	and the second second		1,364			-									
5)	UPSETIBILITY TEST (AS PER (5 10167) :	Evel Telling	0	tu										
	and the state of t	Petiti Stanley State		0											
6)			1	4. 3			l Net Co.	-farmi							
_	Test Certificate verified for	Each Heat no :	Availa	ble & Ok	Not	Available	NOT CO	nforming	-						
						i har L			^						
9)	TDC / Customer STD	. SSB/TDC		Mill To No	0.	Mill Tc Date		Verified	By Clark						
	(if Required in TDC /Custon		1001 RB	0.00	25021.5	569	22/2/2	5	-5		_				
		, Pt	1001 105												
(81	Mix up		By Mobile Spectro /X-	Ray Gun/So	park Test	2 <u>11.</u>									
	MIX-UP TEST	Venfied	A Woolle abectio /	4 6 6 14		7									
	(If Required in TDC /Custon	ner)		Rejected	N. 7 STEEL P.	_	^								
			A CONTRACTOR OF THE PARTY OF TH	e of the	TA DALLER	7 7 T	da				- م				
	Other Remarks	4 3 3 3	3/10 y 19			4	W		N. N.						
_	Checked By C					Approved 8						V,			
_	""(')						1000	7.4							