155B				LKIAL	INCU	MING I	MOPEC.	TION RI	EPORT	S			D.C. No. : Issue no.		
1	13-69	SECTION : -		Tom	η	HAE	T NO : -	544	231	INVOIC	F NO -	resignation 1	Rev. no	:- 02 , 11.	05.23
SO BE	195	STEEL SUPPLIE		Sig			.QTY : - F BARS : -	230	30 14				1312	0	
Process /M	ifg Route		MBF-	50301 EOF	97 Q(			12	8		0		1012	<del>U</del> =	
9.C	76/VIII 7031	%S %I		%Ni	%Mo	%AI	%Cu	%As	%Sb	%V	- Rm	%Ca	%Nb	%Ті	9/0
0.330	0.8000-150	0.015	20 1.3		001.00	0000	0.300			,			×-	7011	%B
0.400	1060 0255	DONG D. P	111/1190	2 000	0.000	0.025	0.000	0.0010	0.0001	Fen: 0	-	0-0010	-	_	0-000
0-398	0.541.250	0-030 0-01	3 11240	0-035	4000	JE0.0	110-0	_		100.0	0.000		0.000	0,006	0.00
Bar Size [	As per WI)	Qty:10 % Of Tot	al Heat					- N		COP AL			197 441	17,750	0.011
	.NO. 1	2 3	T 4	T= -		Section Size		1000000		1.775323	W/25/8	The Sales			
hecked S		_	4 701	70.5	70.1	702	760. Y	Ja.5	10 Ho.1	11 70.0	12				
Conton	(PPM): As per Mill T	and the second		lue			147-5-7	10/65	1001	<u> </u>	(0.17_1				
Gas content	(FT WALKS PET WAIT		Min	N2 6€	H2	02	1								
			Max	120	25	~ಾ೧									
			Value Mill Tc	79-3	1.35										
100															
Steel Supply	Condition:		k	107	Ralls	<i>d</i>	ý								
note the					H										
MACRO	(i)	Internal sound	lness Sample	: (ASTM E3			52	R2_	C2	MAX					
	(ii)	Dendrite structur	re 01 sample :		Valu	e Obs.	754	500		,					
							136	>RR ;							
	(iii) s	Step Down Test S	Sample :(IS40	75 or as per	customer)			01	47		,				
Micro structo	re As Rolled :				Micro streu	ture :   or as:	per customer		1000	-					
					Mill Tc		— €d	-6							
100					SSB		F	AP							
I II TO A COA	TICT IAC DOC	A240													
	TEST (AS PER ASTM						مما_	(/- D	ممور	- عاد					
INCLUSION P	ATING ( IS 14163 /A	STM: E45A OR R	EQUITRED BY	CUSTOMER	)										
	, , , , , , , , , , , , , , , , , , ,		Sul	A phide		B ninate	Silic		D Oxid		DS	;			
			TN	ТК	TN	TK	TN	ТК	TN	TK	TN	тк			
	Part of the second	Cust Spec.If An		1:5	2.0	1.0	0.5	0.5	1.0	10					
		SSB	1.0	2:0	0.5	0	_0	0	1.0	0.0					
			Confidence	AL TARA	Va.47		_ 0	0	1.0	250					
GRAIN SIZE :	21	pec.:- '	5-8		Mill Tc	7.0		SSB	<b>6.</b> 5		The same			_	
(ASTME112 / I	S-4748)	· Partie							<u> </u>		ST.				
JOMINY HARDE	NRIITY IDI	stance	11.5		- A	<b>₽</b>	_							. 25	B. Pye
15-3848 /ASTM	The state of the s	cificified	52.5-5	52-58	51-57	7- 5055h	9 49:5-55	455-54	44-54	12:5-5	20 3455	25	.30 8 31-41		1
(As per required	d by Customer ) Mi	ill Tc oserved	57	561	55.2	54.1	53:3	58.3	50.9	50.1	46.2	244	42.3		100
	TEV III AND PORT OF THE PERSON NAMED IN	301700	136	55	33	37	<i>5</i> 2 †	24	50 l	49 ' 1	46	42	40		tign
MECHANICAL PR	ROPERTIES : (If Requ	uired in TDC /Cus	tomer)			r IS:1608/ AS	TM A 370			As per IS	: 1757				
				U.T.: N/mm2		Y.S /MF	N/mm2	%EL	IMPACT \ CHAR		IMPACT				
			cified	1-688	080	685	Min	18mm			IZO	D .			
		Obs	served	1006.5	27	970.4	138	25.122	BOT						
			2	3	4	5			,						
As Ro	lled Hardness	1		100	200 0	205									
(BHN (	Max / Min)	195	198	192 0	200 1	X 00									
(BHN (		195	198	145 IC	X00 1	X U3								42%	1976
(BHN (	Max / Min)	195	1198	19210		X 00					<u> </u>				
(BHN ( (If Req VISUAL :	Max / Min) uired in TDC /Custo Surface Conditio	omer) 95	ars Checked	19210	00	X 003				i i	<u></u>				
(BHN ( (If Req VISUAL : (i) (ii)	Max / Min) uired in TDC /Custo  Surface Conditio  Heat No.	on 100 % B	ars Checked ars Checked		0 k	X 00		3.003#			M			200	
(BHN ( (If Req VISUAL :	Max / Min) uired in TDC /Custo Surface Conditio	on 100 % B	ars Checked		0	X.00					<b>1</b>				
(BHN ( (If Req VISUAL : (i) (ii) (ii)	Max / Min) uired in TDC /Custo  Surface Conditio Heat No. Color Code.	on 100 % B	ars Checked ars Checked irs Checked								M.				
(BHN ( [If Req  VISUAL :  (i)  (ii)  (ii)	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.	on 100 % B 100 % B 100 % B	ars Checked ars Checked irs Checked				EDUCTION RA	Tio: 10:	39:.1						
(BHN ( (If Req VISUAL : (i) (ii) (ii)	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.	on 100 % B 100 % B 100 % B	ars Checked ars Checked irs Checked	LOOM SIZE			EDUCTION RA	710: 10:	ا : و3						
(BHN ( (If Req VISUAL : (i) (ii) (ii)  REDUCTION RATIO	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specil (/Customer) As Per	on 100 % B 10	ars Checked ars Checked irs Checked	LOOM SIZE	200 X										
(BHN ( (If Req VISUAL: (i) (ii) (ii)  REDUCTION RATIO If Required in TDC DECARB LEVEL:	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Special /Customer ) As Per	on 100 % B 100 % B 100 % B	ars Checked ars Checked irs Checked		200 X	&so RI	0.60.0	n Man		190					
(BHN ( (If Req VISUAL: (i) (ii) (ii)  REDUCTION RATIO If Required in TDC DECARB LEVEL:	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Special /Customer ) As Per	on 100 % B 10	ars Checked ars Checked irs Checked	LOOM SIZE C	200 X	&so RI									
(BHN ( (If Req VISUAL: (I) (II) (II) REDUCTION RATIO II Required in TDC	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  Special Coustomer ) As Per (AS PER IS & /Customer )	on 100 % B 100	ars Checked ars Checked irs Checked	LOOM SIZE C	OB OK OK 200 M	&so RI	0.60.0	n Man							
(BHN ( (If Req VISUAL: (I) (II) (II) REDUCTION RATIO II Required in TDC	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Special /Customer ) As Per	on 100 % B 100	ars Checked ars Checked irs Checked	LOOM SIZE C	200 X	&so RI	0.60.0	n Man							
(BHN ( (If Req VISUAL: (i) (ii) (ii)  REDUCTXON RATIO If Required in TDC DECARB LEVEL: If Required in TDC UPSETIBILIT	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific //Customer ) As Per (AS PER IS 6 //Customer )	on 100 % B 100	ars Checked ars Checked irs Checked	LOOM SIZE C	OB OK OK 200 M	&so RI	0.60.0	n Man							
(BHN ( (If Req VISUAL: (i) (ii) (ii)  REDUCTXON RATIO If Required in TDC DECARB LEVEL: If Required in TDC UPSETIBILIT	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific //Customer ) As Per (AS PER IS 6 //Customer )	on 100 % B 100	ars Checked ars Checked irs Checked	LOOM SIZE C	Ok Ok	&so RI	0.16	n Man	D						
(BHN ( (If Req VISUAL: (i) (ii) (iii)  REDUCTION RATIO If Required in TDC DECARB LEVEL: UPSETIBILIT	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  Special Coustomer ) As Per (AS PER IS & /Customer )	on 100 % B 100	ars Checked ars Checked irs Checked	Specifie Observe	Ok Ok	&=0 RI	0.16	n Man	D						9.
(BHN ( (If Req VISUAL : (I) (II) (II) (III)  REDUCTION RATIO If Required in TDC  DECARB LEVEL : If Required in TDC  UPSETIBILIT  Continued in TDC  Continued in TDC	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific /Customer ) As Per  (AS PER IS 6 /Customer )  Y TEST ( AS PER IS 1	on 100 % B 100	ars Checked ars Checked irs Checked	Specific Observe	200 X	& so RI	0.16	Not Confor	D						0
(BHN ( (If Req VISUAL: (I) (II) (II) (II)  REDUCTXON RATIO If Required in TDC  DECARB LEVEL: If Required in TDC  UPSETIBILIT  Customer STD	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific (AS PER IS 6) /Customer )  Y TEST ( AS PER IS 1)	on 100 % B 100	ars Checked_ars Checked_srs Checked_	Specifie Observe	QOD POL	Ano Ri Not Avail	0.16	Not Confar	D	- Or					4
(BHN ( (If Req VISUAL: (I) (II) (II)  REDUCTION RATIO If Required in TDC DECARB LEVEL: If Required in TDC UPSETIBILIT	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific (AS PER IS 6) /Customer )  Y TEST ( AS PER IS 1)	on 100 % B 100	ars Checked_ars Checked_srs Checked_	Specifie Observe	QOD POL	& so RI	0.16	Not Confor	D	- Or					
(BHN ( (IF Req VISUAL: (I) (II) (II) (II)  REDUCTION RATIO  DECARB LEVEL: If Required in TDC  UPSETIBILIT  Customer STD	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific /Customer ) As Per (AS PER IS: /Customer )  YTEST (AS PER IS:1	on 100 % B 100	ars Checked_ars Checked_mrs Checked_	Specific Observe	OR O	Not Avail	0.16	Not Confar	D	Qr.					
(BHN ( (If Req VISUAL: (I) (II) (II) (II)  REDUCTION RATIO  DECARB LEVEL: If Required in TDC  UPSETIBILIT  Customer STD	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific /Customer ) As Per (AS PER IS: /Customer )  YTEST (AS PER IS:1	on 100 % B 100	ars Checked_ars Checked_mrs Checked_	Specific Observe	OR O	Not Avail	0.16	Not Confar	D						
(BHN ( (If Req VISUAL: (I) (II) (II)  REDUCTION RATIO If Required in TDC  UPSETIBILIT  Costomer STD  Customer STD  Customer STD	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific /Customer ) As Per (AS PER IS: /Customer )  YTEST (AS PER IS:1	on 100 % B 100	ars Checked_ars Checked_mrs Checked_	Specific Observe  Available 8  Mill	OR O	Not Avail	0.16	Not Confar	D						
(BHN ( (If Req VISUAL: (I) (II) (II) (II)  REDUCTXON RATIO (II) Required in TDC  DECARB LEVEL: If Required in TDC  UPSETIBILIT  Customer STD (Customer STD (Substance of Interval) (Cust	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific (AS PER IS 6) /Customer )  Y TEST ( AS PER IS 1)  Customer )	on 100 % B 100	ars Checked_ars Checked_mrs Checked_	Specific Observe  Available 8  Mill	OR O	Not Avail	0.16	Not Confar	D						
(BHN ( (If Req VISUAL: (I) (II) (II) (II)  REDUCTION RATIO  DECARB LEVEL: If Required in TDC  UPSETIBILIT  Customer STD  Structed in TDC /	Max / Min) uired in TDC /Custo  Surface Condition Heat No. Color Code.  : Specific (AS PER IS 6) /Customer )  Y TEST ( AS PER IS 1)  Customer )	on 100 % B 100	ars Checked_ars Checked_mrs Checked_	Specific Observe  Available 8  Mill	OR O	Not Avail	0.16	Not Confar	D	- Pr					