180==	5B	RAW	MATERIAL INC	DMING INSPECT	TION REPORT	'S	D.C. No. :- F/05/01 Issue no. :- 01, 01.07.2018
nort NO.	1737 :	SECTION:-	75	HAET NO:-	K196671	INVOICE NO	Rev. no := 02, 11.05.23
DE:	2/12/2024 2F-7K	STEEL SUPPLIER : -	kalyahj k196671	REC.QTY:- NO. OF BARS:-	65 8c kg	INVOICE DATE.	20/11/202
	Process /Mfg Route		L X/3897/	HO, OF BAILS ;			
mistry	%C %Mn %S	%S %P	%Cr %Ni %M	7744	%As %Sb	%V %Pb	%Ca %Nb %Ti %8
	0.19 1.5 03		1.4 0.3 0.0	8 0.05 0.30			/0
Ti: Value	10.168 1.229 0 2	5 0.05 0.015	1.19 0.89 0.00		8.009	0.00380,0001	11.0 - 0.005 30
tro Value	0.18 1.20 0.22	10.0120.018	1.28 0.194 0.0	57 0.028 0,102		0.002 -	- 0.003 0.003 0.00
	Bar Size (As per WI_)	Qty:10 % Of Total I	feat				
of Bar Checked				ter/Section Size( in mm)			
DE BUIL CHINCKEN	75 74.	5 74.9 74.8	74.6 74.5 74.	7 8 74.5 74.4	9 10	11 12	
			1 77.61713 1 79.	4 74.5 74.4	79.6 74.7		
1	Gas Content (PPM): As per N	fill Te	N2 H2	02		-	
			Min 30 -	25			
			Value 124 -	18			
			Mill Tc 123				
	Steel Supply Condition:		L AS Rolled				
			L 113 2011 64				
	MACRO (II)						
}	MACRO (I)	internal soundne	ess Sample : (ASTM E381 or as		R2 C2		
	(iā)	Dendrite structure		Value Obs	L R2 CC2	-	
	Pro-A						
	(ini)	Step Down Test Sa	mple :(154075 or as per custom	er)	<u> </u>		
1	Micro structure As Rolled:		Micro	streuture : ( or as per customer	1		
			Mill To		A construction of the construction		
			822				i
	ULTRASONIC TEST JAS PER A	STM A388):	Mill To				
	INCHISION PATING / IS 141/	2 (157) 4 545 4 60 05	OUTTOO BY CUCTOMES !				
	INCLUSION RATING ( IS 1416	JASIM: E4SA OR REC	A QUITRED BY CUSTOMER )	8	c T c		
			Sulphide		icate Oxi		20
		5.25.41	TN TK TN		TK TN	TK TN	TK
		Cust Spec.If Any Mill Tc	2.0		0.5 1.0	2.5	
		822	0.5	0.0 0.0	0.0 1.0	0.5	
9	GRAIN SIZE :	Spec.	5-8 Mill To	7.6	SSB €·S		
	(ASTME112 / IS-4748)	12334	S & Diack		200		l
			1 = 1 = 1 = 1	-1 - 0			
9	JOMINY HARDENBILTY IS-3848 /ASTMA255	Distance Spcificified	39-44 35-40 23-3		<del>                                     </del>		
	(As per required by Customs		72 6 382 30				
		Observed	41 37 29	25			
0	MECHANICAL PROPERTIES:	RE Required in TDC /Cu	stomer)	As per IS:1608/ ASTM A 370		As per IS: 1757	
ž	MECHANICAL PROPERTIES:	In required in 150 / Ca	U.T.S	Y.S N/mm2	%EL IMPACT		TVALUE
			N/mm2 /MP/	/MPA	CHA		00
			pecified	<del></del>	<del>  -   -  </del>	<u> </u>	
					<del></del>		
	As Rolled Hardni		2 3 4	5			
	(BHN (Max / Min		1-1-1-				
	(If Required in TD	C/Customer)					
						. 1	
	VISUAL:		Ann Charlest A M.	10 ( KW) to, 1290	ky coo caming	/	
a .	(i) Surfac		Bars Checked OK A	[ VIA (671)	· ·		
ą.	(i) Surfac (ii) Heat N	io. 100 %		10 ( RWt, 1290 ( K196671) Haf( Red + Y	ellow)		
e e e e e e e e e e e e e e e e e e e	(i) Surfac	io. 100 %	Bars Checked OK Bars Checked OK	(KIQ6671) Haf( Red + Y	ellow)		
-	(0) Surfac (0) Heat N (0) Color (	ia. 100 % Code. 100 %	Bars Checked O.K.	Maf ( Red + Y	ellow)		
	(ii) Surfac (iii) Heat N (iii) Color (	ia. 100 % Code. 100 % Specify		Maf ( Red + Y	ELLOW)		
	(0) Surfac (0) Heat N (0) Color (	ia. 100 % Code. 100 % Specify	Bars Checked O.K.	Maf ( Red + Y	ellow)		
9	(ii) Surfac (iii) Heat N (iii) Color (  REDUCTION RATIO : (if Required in TDC /Custom	io. 100 % Code. 100 % Specify er) As Per Mill TC	Bars Checked O.K.  BLOOM SIZE • 2	Maf ( Red + Y	RATIO: 1:15-21		
9	(8) Surfac (9) Heat N (9) Color (  REDUCTION RATIO : (if Required in TDC /Custom  DECARB LEVEL: 6	Specify  Specify  Fig. 100 %  Specify  Fig. 3 Fer Mill TC  AS FER IS 5395 / ASTM	Bars Checked O.K.  BLOOM SIZE • 2	TANK ( RED + Y	(RATIO: 1:15-21		
9	(ii) Surfac (iii) Heat N (iii) Color (  REDUCTION RATIO : (if Required in TDC /Custom	Specify  Specify  Fig. 100 %  Specify  Fig. 3 Fer Mill TC  AS FER IS 5395 / ASTM	BLOOM SIZE - 2.  E1077) Specified	TANK ( RED + Y	(RATIO: 1:15-21		
	(I) Surfac (II) Heat N (III) Color (  REDUCTION RATIO: (If Required in TDC /Custom  DECAMB LEVEL: (If Required in TDC /Custom	Specify Specify  SPER IS 6396 / ASTM  er )	BLOOM SIZE - 2.  E1077) Specified	TANK ( RED + Y	(RATIO: 1:15-21		
9	(8) Surfac (9) Heat N (9) Color (  REDUCTION RATIO : (if Required in TDC /Custom  DECARB LEVEL: 6	Specify Specify  SPER IS 6396 / ASTM  er )	BLOOM SIZE - 2.  E1077) Specified	TANK ( RED + Y	(RATIO: 1:15-21		
9	(I) Surfac (II) Heat N (III) Color (  REDUCTION RATIO: (If Required in TDC /Custom  DECAMB LEVEL: (If Required in TDC /Custom	Specify Specify  SPER IS 6396 / ASTM  er )	BLOOM SIZE - 2.  E1077) Specified	TANK ( RED + Y	(RATIO: 1:15-21		
9	(I) Surfac (II) Heat N (III) Color (  REDUCTION RATIO: (If Required in TDC /Custom  DECAMB LEVEL: (If Required in TDC /Custom	Specify Specify Specify Specify Specify Specify Specify AS PER IS 6396 / ASTM Ser ) AS PER IS 10147):	BLOOM SIZE - 2  E1077   Specified  Observed  Available & G	PD N	(RATIO: 1:15-21		
10	(I) Surfac (II) Heat N (III) Color (I  REDUCTION RATIO: (If Required in TDC /Custom  DECARD LEVEL: (If Required in TDC /Custom  UPSETIBILITY TEST (	Specify Specify Specify Specify Specify Specify Specify AS PER IS 6396 / ASTM Ser ) AS PER IS 10147):	BLOOM SIZE - 2.  E1077   Specified Observed	PD N	PA FD		
9	(II) Surfac (III) Heat N (III) Color (  REDUCTION RATIO: (If Required in TDC /Custom DECAMB LEVEL: (If Required in TDC /Custom LIPSETIBILITY TEST (	Specify Specify er ) As Per MILLTC AS PER IS 6396 / ASTM er ) AS PER IS 10167): Each Heat no:	Bars Checked O.K.  BLOOM SIZE - 7.  E1077   Specified Observed  Available & C.	PD Not Available	RATIO: 1:15-21  A FD  Not Conforming		
9	(I) Surfac (II) Heat N (III) Color (I  REDUCTION RATIO: (If Required in TDC /Custom  DECARD LEVEL: (If Required in TDC /Custom  UPSETIBILITY TEST (	Specify Specify For J As Per MILL TC AS PER IS 6396 / ASTM FOR J AS PER IS 10167): Each Heat no:  SSE/TEX	Bars Checked O.K.  BLOOM SIZE - 7.  E1077   Specified Observed  Available & C.	PD Not Available	RATIO: 1:15-21  A FD  Not Conforming		
10	(I) Surfac (II) Heat N (III) Color (III)  REDUCTION RATIO: (If Required in TDC /Custom  DECARB LEVEL: (If Required in TDC /Custom  LPSCTIBILITY TEST (IIII)  Test Certificate verified for III  TDC / Customer STD	Specify Specify For J As Per MILL TC AS PER IS 6396 / ASTM FOR J AS PER IS 10167): Each Heat no:  SSE/TEX	Bars Checked O.K.  BLOOM SIZE - 7.  E1077   Specified Observed  Available & C.	PD Not Available	RATIO: 1:15-21  A FD  Not Conforming		
	(I) Surfac (II) Heat h (II) Color t  REDUCTION RATIO: (If Required in TDC /Custom  DECARS LEVEL: (If Required in TDC /Custom  LPSETIBILITY TEST (  TDC / Customer STD (If Required in TDC /Custom	Specify Specify First Specific	Bars Checked O.E.  BLOOM SIZE - 72  E1077   Specified Observed  Available & O.C.  Mill To.	PD Not Available  No. Mill To Date	RATIO: 1:15-21  A FD  Not Conforming		
9	(I) Surfac (II) Heat N (III) Color (III)  REDUCTION RATIO: (If Required in TDC /Custom  DECARB LEVEL: (If Required in TDC /Custom  LPSCTIBILITY TEST (IIII)  Test Certificate verified for III  TDC / Customer STD	Specify Specif	Bars Checked O.K.  BLOOM SIZE - 2.  E1077   Specified Observed  Available & O.C.  Mill To.  By Mabile Spectro /X-Ray Gur	FBJF (Red + Y)  Ye X 28°C REDUCTION  NO Mill To Date  //Spark Test	RATIO: 1:15-21  A FD  Not Conforming		Many Many
	(I) Surfac (II) Heat N (III) Color (III)  REDUCTION RATIO: (If Required in TDC /Custom DECARB LEVEL: (If Required in TDC /Custom LPSCTIBILITY TEST (IIII)  Test Certificate verified for II  TDC / Customer STD (If Required in TDC //Custom MIX-UP TEST	Specify Specify For ) As Per MILL TC AS PER IS 6396 / ASTM FOR )  AS PER IS 10167):  Each Heat no:  SSE/TEX  Verified	Bars Checked O.K.  BLOOM SIZE - 2.  E1077   Specified Observed  Available & O.C.  Mill To.  By Mabile Spectro /X-Ray Gur	FBJF (Red + Y)  Ye X 28°C REDUCTION  NO Mill To Date  //Spark Test	RATIO: 1:15-21  A FD  Not Conforming		Jene M. A.
	(I) Surfac (II) Heat N (III) Color (III)  REDUCTION RATIO: (If Required in TDC /Custom DECARB LEVEL: (If Required in TDC /Custom LPSCTIBILITY TEST (IIII)  Test Certificate verified for II  TDC / Customer STD (If Required in TDC //Custom MIX-UP TEST	Specify Specif	Bars Checked O.K.  BLOOM SIZE - 2.  E1077   Specified Observed  Available & O.C.  Mill To.  By Mabile Spectro /X-Ray Gur	FBJF (Red + Y)  Ye X 28°C REDUCTION  NO Mill To Date  //Spark Test	RATIO: 1:15-21  A FD  Not Conforming		Tenth at