SSB BORNESPY LTD		RAW MATERIAL INCOMING INSPECTION REPORTS						Issue no 01, 01-07-2018 Rev. no 02, 11-05-23
S INDINE				Tomn	HAET NO : -	k199296	INVOICE NO	9043035636
Report NO.		749 3/01/025	SECTION : - STEEL SUPPLIER : -	Kalgani	REC.QTY : -	11350 19	INVOICE DATE	
RADE : -	2	OMALOS	STEEL TC NO : -	K199296	NO. OF BARS : -			
1)	Process / N	Mfg Route %Mn %Si	%S %P	%Cr %Ni %Mo	%Al %Cu	%As %Sb	%V %Pb	%Ca %Nb %Ti %6
emistry	0.15	1.0 0.15	0.015 -	1.0	0.02 -			10 5.
ix .	0.195	1.3 0.4	0.03 0.02	1,28 0,026 0,005	0.03 0.014			9.0 1.0
I Tc Value ectro Value	0.197	1.287 0.27	20.021 0.016	1.293 0.025 0,004	0.03 0.012		0.003 -	- 0.043 0.007 0.00
	Bar Size	(As per WI)	Qty:10 % Of Total H					
)	1		T 2   2	Diameter 4 5 6	/Section Size( in mm) 8	9 10	11 12	
of Bar Checker	g Tree	5.NO. 1 70 69.9	69.8 69.7	69.6 69.7 69.5	65.4 69.3	695 695		
		(2014) 4	7	N2 H2	02			
3)	Gas Conter	nt (PPM): As per Mill	. IC	Min 6 0 -				
				Max 120 2.5	20			
				Mill Tc 92 1.57	12			
				10000				
)	Steel Suppl	y Condition:		As Rolled				
16						. 7		
)	MACRO	(i)	Internal soundne:	ss Sample : (ASTM E381 or as pe Va	r customer) S.3 lue Obs. $\angle$ S.3	R3 C2 2 K3 CC	2	
		(ii)	Dendrite structure 0					
		(iii)	Step Down Test San	nple :(IS4075 or as per customer	)	ok		
8							8	
	Micro struc	ture As Rolled :		Micro stro Mill Tc	cuture: ( or as per customer			
				SSB	Band	//		
						0		
	ULTRASON	IC TEST (AS PER AST	M A388) :	Mill Tc	10 0	7. OK		
	INCLUSION	RATING ( IS 14163 ,	/ASTM: E45A OR REQ	UITRED BY CUSTOMER )  A	В	c	D D	s
				Sulphide Alu	uminate Silic		kide	TK
			Cust Spec If Any	TN TK TN 210 1.5 2.0	11 TK TN	TK TN	TK TN	11/
			Cust Spec.If Any Mill Tc	1.2 0.2 0.2	0.0 0.0	0.0 1.0	0.5	
			SSB	15 0.5 0.5	0.0 0.0	0.0 1.0	0.5	
127	GRAIN SIZE		Spec.:- 5	– 8 <u>Mill Tc</u>	7.0	<u>ssb</u> 6.5		
	(ASTME112	( / 15-4/48)						
)		RDENBILTY	Distance	51.5 J5 J10	JB J20 \$29-355 27-33.5	725 J30 255-32 245-31		
	(As per reg	STMA255 uired by Customer )	Spcificified  Mill Tc	41-46 38-44 32-38	32 30	29 28		
	(/// // // // // // // // // // // // //		Observed	44 43 38	34 31	59 58		
No.	MECHANIC	AL PROPERTIES : (If	Required in TDC /Cust	tomer) As	per IS:1608/ ASTM A 370		As per IS: 1757	
				U.T.S	Y.S N/mm2	1 %FI I	T VALUE IMPACT ARRY IZO	1
			Spe	N/mm2 /MPA cified 123 0 - 1570	930 MA	7ML 25		,
			Obs	erved 1280	1035	16.3 70	3	
		As Rolled Hardness	1	2 3 4	5			
		(BHN (Max / Min)	185	187 189 191	193			
		If Required in TDC /	Customer )					
	VISUAL :				-1- ( Dust c	a) (1, sid = 1	-2mch1	
		i) Surface C ii) Heat No.		ars Checked OK	NO ( RWt , C ( K19929 ( Yellow	) 6)	MICH	
		ii) Heat No. ii) Color Cod		ars Checked 0/L	( Yellow	+ Bown)		
	REDUCTION	RATIO:	Specifiy 1:7 /	WIN BLOOM SIZE - 20	OXZO REDUCTION R	ATIO: /', /0.3	39	
		in TDC /Customer )						
				Specified	0.	60 MM M9X		
	DECARB LE	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	PER IS 6396 / ASTM E	Observed		1.41 FD	<del>                                     </del>	
	(ii Kequired	l in TDC /Customer )		0,350,704	1 0	17 110		
	libe	ETIBILITY TEST ( AS	PER IS 10167) :					
	07.3	Time in the	,					
					T No. 2 Pro	1	·	
	Test Certific	ate verified for Each	ı Heat no :	Available & Ok	Not Available	Not Conforming	1	
	TDC / Custo	omer STD I in TDC /Customer )	SSB/TDC/	Mill Tc No	1/	Verified B	y:	
	required	, iii TDC /Customer )	8F 1001	, Mas 199	196 14/1KS-		LES B	SID
	NAME AND THE	7	VI10:- 1 D	y Mobile Spectra /V Pau Com In	ark Tact		11	
	MIX-UP TES	ST 1 in TDC /Customer )		y Mobile Spectro /X-Ray Gun/Sp	ain lest		1 Popular	100
			Accepted	Rejected			X 61	1-13
		Other Remarks					(/	18,
	Checked B	(	M		Approved By		The state of the s	- Spelane