

5ince 1992

Doc.no.:F-QCD-16 Issue no.:1.0 Date: 01.08.2013		Total Control of Control	TEST CERTIFICATE AS PER EN-10204-3.1															
Approved By:N	*****								SPERE	N-1020	4-3.1		ġ.	ewspannin				
CUSTOMER:-		S.S.B. ENGINEERS (P) LTD					GRADE :-			S690QL			NO.:- RND/116 DATE:- 03.01.202		erocyacyaicyaicyaicyaicy			
P.O. No. & Dt.			2024-25N 55 Dt. 15.11.2024					Inv. No.		Anu	16V-012		91					
				ROLL	LED BAR			Mfg. Route			FY - UIS 9 Inv. Dt. 0 1 01362							
Feasibility No. KCIL/22-23/1005				/1005, Re	ev. No.3 I	ot. 28.08.	Supply Conditions Rolled + Peeled							**************				
				SPINSH.	- W. Marky	9-2-129	ITEM	-	RIPTI		- AMERICA				mana.			
Heat No. Size			No. 0	Of Pcs.	-	n MT.												
K24-1457	24-1457 106 MM DIA			Parlamini (milini)	9	4	9.5	-					-		1.47144804410.495444	***************************************		
					-	, (	CHEMI		NALY	SIS %								
% EL	EMENT		С	Mn	Si	5	Р	Cr	Mo	Ni	Nb	Ti	Cu	В	V	Zr	N	
core	М	IN	<b>†</b>		<b></b>	•••	***	***	***	***	***	***	†	<b></b>		***	***	
SPEC.	MAX		0.20	1,70	0.80	0.010	0.025	1.50	0.70	2.00	0.06	0.05	0.50	0.005	0.12	0.15	0.015	
Ach	ieved					Che	emical (	Compo	sition	confin	ning to	the •	specifi	cation.				
			1		MECH		L PROI											
Test piece loc	cation 12	.5 mm	Ten	sile	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	trength		11,32.5	1			ness	1	Impact	(CVN) Lo	ngitudin	al	
from surface		Strength (Mpa)		(Mpa)		% Elongation		R.A		(BHN)		Impact (CVN) Longitudinal @ -40 °C						
SPEC.	MIN.		710		630		14			-		• ·	Į	•	30J Min.			
	MAX		900		-		·					-		180	184 Avg. 182.6		. 182.6J	
Achi	eved		835	5.56		1.41	21.	.72	<u> </u>	-			184					
	56		-	Jomii	ny Hard	enabilit	-		T				RAY	W MAT	ERIAL	DETAII		
Distance in						*	THE WILLIAM		-	1	1	INGOT SIZE				- Harriston		
Spec.			-					-	<b> </b>				on one contrates		derrandarder production de la citation de la citati			
MAX -			+		0.005232						REDI		UCTION RATIO					
Achieve	ıu		-			NO	N DEST	rrica	i i	ECTIN	G:							
i	Utraca	nic To	cting	-	Duc				r			oction	T		NAIsers 7	oct		
Ultrasonic Te			M A388,		Dye Penetrant T		ant test	carret constructive street court of the record of present one		etic Particle Inspection		ection	to the control of the control of		Mixup Test			
Ref. Std.	PT VIOL 1		24mm, 2MHz		Ref. Str	Ref. Stnd.		*****		Ref. Std.		**	Spark test		100% Done & found			
Acceptance	ance 4mm FBH			on DGS Scale		Acceptance		//		Acceptance				Mobile		Satisfactory		
Result	Found Satisfa		atisfacto	ry	Result			Result					Spectro			-5 = 8 =		
MATERIA .			4	· // · · · · · // ·	* = 15 - 1	M	ETALLU	URGIC	AL TE	STING	3			UI Ta				
INCLUSION RATING (ASTM E45)					GRAIN SIZE (ASTM E112) MIC			CRO STRUCTURE			MACRO (ASTM E383		55 K. S.	STEP DOWN TEST			ST	
1	Å	В	С	D				Bolinson William								-		
THIN	0.5	-	-	1.0	6.5	-7.0	WEEK PROPERTY		and the state of		Better the C2 R2 S				Decarburization Depth			
THICK		10.	-	0.5			1000				000 00 7 TT 18 1							
IDENTIFICATION DETAIL Heat No., Gra				., Grade	, & Size	marked (	oundles		Colour Cod		ode	ORANGE-GREY-PINK - BLACK SP			ACK SPO			
Result:	The su	pplied	material	is free	from inte	ernal, su	rface de	fects & r	adioact	ive con	taminat	ion			100			
We hereby	certify	that	product	s has h	een ma	nufactu	red inc	nected	and for	und ac	centah	leasn	er cust	omer re	mulram	ents		
(AWQ) Prepared By	Par					With a	() Reviewe	M	A construence of the construence		ENG	INE			KISCO I	OSTING ACT	On Sed B	

KISCO CASTINGS (INDIA) LIMITED

CIN - U27100PB2012PLC036043 GST-03AAECK6712E1ZZ













