

NERVES OF STEEL

Doc.no.:F-QCD-16 Issue no.:1.0 Date: 01.08.2013 Approved By:M.R. CUSTOMER:-		······································	TEST CERTIFICATE															
		S.S.B. ENGINEERS (P) LTD						AS PER EN-10204			-3.1 S690QL		T.C. NO.:-		R	ND/11	87	
											3030QL		DATÉ:-		09.01.2025			
				24-25N 5	55 Dt. 15.11.2024			Inv. No. SADI		124	14-0133		구구 Inv. Dt.		23012025			
Product		<u> </u>			LED BAR			Mfg. R	oute		ËF + LR	F + VD,	Fully Kil	led Bott	om Poure	ed Ingo	<u> </u>	
Feasibility	No.		KCIL/22-23	3/1005, R	Rev. No.3	Dt. 28.08			Conditio		L			As Rolle	d			
Heat No.	T 61	Y-	- (IC- 272	11	1			10000	RIPTIO	N	11/2		e par	11.17		7	i Proper	
near No. 312		ze As pe	As per {IS: 3739 Gr-2}			No. Of Pcs.		In MT.	V.				Remarks					
K24-1454		130	MM D≬A	, The second				610										
% FI	LEMENT		С	Mn	Si	-	HEMIC		;	_			<u> </u>	H		-	-	
	Ţ	MN.			31	S	Р	Cr	Mo	Ni	Nb	Ti	Cu	В	V	Zr	N	
SPEC.	ļ	AX	0.20	1.70	0.80	0.010	0.025	1.50	0.70	2.00	0.06	0.05	0.50	0.005		0.15		
Ach	ieved	1	T _{et}		, 5,55		mical C		:						0.12	0.15	0.01	
				N	ИЕСНА	NICAL		- 47	117					1011.			,	
Test piece loc		.5 mm		sile		trength	618	gation	* 101			ness	- 1	mpact (CVN) Lor	ngitudir	nal	
from	surface		Strength (Mpa		***************************************				gation R		(BHN)		ļ		@ -40 °C			
SPEC.	MIN. MAX		710		630		1	4	<u> </u>		-		ļ		30J Min.			
		ЧX	·	00	711 7	- 199		-				-	124	126	130	Δνα	g. 126.6J	
Achi	evea		824	.52	<u> </u>	2.49		2.8	144	•		-						
istance in	mm		1	Jomii	iy Hard	enabilit	у	1	1	,	_	21/1/	RAW	MATE	ERIAL I	DETAI	L	
istance in	Min						-	-	- 1		-	INGOTS		ZE	r 7,	_		
Spec.	MAX			-			-	-	-	-	-							
Achieve	Achieved			(- () - () () - () ()		-		REDU		UCTION RATIO								
			1		<u> </u>	NON	V DEST	RUCT	IVE TE	CTINI		<u> </u>					-	
-1	Ultrasc	onic Te	esting		Dy	Peneti			_									
lef. Std.	·				Ref. Stnd.					Ī		ticle Inspection				Mixup Test		
			be: ø24mm, 2MHz					Ref. Std.		J.			Spark test		100% D			
			l on DGS Scale		Acceptance		1)// ••	Acceptance		and amore		Mobile		100% Done & found Satisfactory				
esult Found Satisfactory				Result .		Result				Spectro								
			1 明	E-frit		ME	TALLU	JRGIC.	AL TES	STING	1				A STATE	14		
INCLUSION DATING GRAIN SIZE							MI	ICRO STRUCTURE			MACRO (ASTM E38		_	,	STEP DO	TEP DOWN TEST		
	Α	В	С	D		.,,,,,				***************************************	<u> </u>							
N	0.5	[-	1.0	7.	0	4		••••••			etter th		r	Decarburi	zation D	ienth	
СК	<u> </u>		-	0.5			1 .				C2 R2 S		52		Decarburization Depth			
VTIFICATIO	N DETAI	IL	Heat No.	, Grade,	& Size r	narked c	on bars/	bundle	,	3/	Co	olour C	ada	 	ODANGE	CDDV		
ult: T	he sup												oue		ORANGE	-GKEY-F	INK	
		pincu ii	naterial i		ioni mie	mai, su	rrace de	rects &	radioac	tive cor	ntamina	tion						
hereby c	ernity	that p	roducts	has be	en mai	nufactu	red,ins	pected	and fo	und a	cceptal	ole as	per cus	tomer	require	ments.	ı	
OMO Dared By	pal				N.	1	Review	A	H	*	END	THE FO	RS (P.	110	j	OSS Au	inds (i)	
			-: -: -:::::::::::::::::::::::::::::::		KISC	O CA	STIN	GS (I	NDIA) LIN	VITEI	L'in	Ash	180	1	*	PISED SI	
	1			CIN -	U2710	0PB201	12PLC	36043	GST-	03AAE	ECK67	12E17	Z	1		70)	(ISED SIL	

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