

Dac.no.:F-QCD-16		Die			1-16	12													
						T	ES	I' C	进报	TL	FIC	M.	E						
ate: 01.08.201	-					-			PEREN										
pproved By:M.	R.								-				T =-		1	2112 /4 4	7.0		
		S.S.B. ENGINEERS (P) LTD							\$690QL			DATE:- 28		RND/1478					
		2024 PEN 75 Dt 75 D2 7075						401			1 0				3.03.2025				
P.O. No. & Dt. 2024-25N 76						de la constante de la constant		124	4-01719		Eully V	Inv. Dt. 31035							
E I OMACE			ED BAR ev. No.3 Dt. 28.08.2023			Mfg. Route Supply Conditions			EF + LRF + VD, Fully Killed Bott				**************************************						
easibility No),	KCI	L/ 22-23/	1002, KE	V. NO.3 L		ITEM D							AS NOTE					
			. 2720 6		1 11- 6				IF HOI	<u> </u>	Call and a		Rema	rks	Charles				
Heat No.	Size	Size As per (IS: 3739 Gr-2)		No. Of Pcs.		Qty In MT.		7 4 4				Kema							
K24-2017	K24-2017 130 MM D		MDIA	IDIA		21		10-570		-									
	- 111					CF	IEMICA		ALYSI	5%	7 2 2								
% E	% ELEMENT		C	Mn	Si	S	P	Cr	Мо	NI	Nb	Ti	Cu	В	V	Zr	N		
	MI	N.		****	•••	***	***	***	1	***	•••	***		**************************************					
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		
Ac	hleved			,		Cher	mical C	ompos	ition c	onfirm	ing to	the sp	ecifica	ation.	-				
	200		1	М	ECHA		PROPE					_							
Test piece location 12.5 mm Tensile			Yield Strength				R.A		Hardness		Impact (CVN) Longitudinal				1				
from surface		a paradont recentle	Strength (Mpa)		(Mpa) 630		% Elongation		[(BHN)		@ =40 °C 30J Min.						
SPEC.		MIN.		710		30	14		ļ					T T		Ī			
	MAX		900 830.57		750.96		21.6						114	116	118	Avg	g. 116J		
Aci	nieved		83		y Harde		<u> </u>		<u> </u>				RAW	MATE	RIALD	ETAIL	•		
District	la mm	1		JOHH	y marue	-			100				LCOT S		-				
Distance	Mín.					w	-	-	-	-	-		NGOT 51	ZŁ		-			
Spec.		VIIII VIIII-		ļ					-	-		PEDI	DUCTION RATIO						
Achiev		-	_	-	-	*		-	-		-	MEDI			<u> </u>				
7101112			<u> </u>	<u> </u>		ИОИ	DESTR	UCTI	VE TES	TING									
Ultrasonic Testing			Dye Penetrant T			Testing Magnetic Pa		tic Part	Particle Inspection		M		1ixup Test						
ASTM		м аз88,		Ref. Stnd.		*****		Ref. Std.				Spark test		100% Done & found Satisfactory					
Ref. Std. Probe: ø24				Acceptance		*****		Acceptance		*****		Mobile							
esult Found Satisfactory			-	Result		****		Result		\$ 2.5 4 \$		Spectro							
Result	Fo	ound Sa	nstactor	y.	nesure	MET	ALLUF		L TES	ring	<u> </u>	-							
					CRAIN							MACRO)		TED DO	MAIN TE	CT.		
INCLUSION RATING (ASTM E45)				GRAIN SIZE (ASTM E112)		MIC	MICRO STRUCTURE			(ASTM E381)			STEP DOWN TEST						
A B		C D									Better th		ian .		- Decarburization Depth				
HIN -		-	- 1.0		6.5-7.0			*1******			C2 R2 S2			D	ecarbunz	anon De	hai		
ніск	-	1.0											PARTIE CONTRACTOR DIVISION						
ENTIFICATIO	N DETAIL	Heat No., Grade, & Size marked or										Colour Code			ORANGE-GREY-PINK - BLUE SPO				
aculta 7	ha cupp	lied ma	terial is	free fro	m intern	al, surfa	ce defe	ts & rac	dioactiv	e conta	mìnatio	n							
/e hereby	supp	Lak	ducto b	ac bac	n manu	facture	d.inspe	cted a	nd four	d acco	eptable	aspe	Reasto	mer rec	quireme	nts.			
e hereby	ertity th	nat pro	aucts h	ias peei	Hanu	,acture	a),iispe					200	1	10		TIN	GS IIN		
$\sim 10^{\circ}$							- 0			The Cient A Sold In So									
MAN	2.7 °					() MAN -			ai METALLIAN & SAME										
MILLOW	-						Reviewe	d By.		100	(a)	WE	(E3'-7	1091	C. 15	AVE	OVS BY		
epared By											10	OX	3/13	71		R),			
							1				Α.	9	-	die	/	7/V	/ /		
												, , ,	MIA	1 -		100	100		

CIN - U27100PB2012PLC036043 GST-03AAECK6712E1ZZ

Guru Ki Nagri, Bhadla Road, Mandi Gobindgarh, PUNJAB-147301.INDIA









