

MILL CERTIFICATE



KISWEL

Heungkok B/D, 43-1, Juja-dong, Chung-gu, Seoul, Korea
 C.P.O. Box 8641 Seoul, Korea
 Seoul office : 02)2270-9400 FAX. 02)2272-7233-4

Busan : 051)310-7200 FAX. 051)325-3627
 Changwon : 055)269-7200 FAX. 055)285-1655
 Pohang : 054)285-1350 FAX. 054)285-3350

Certificate No. : C201604-0992 (Rev.0) Date of issue : 2016.04.09
 Brand Name : T-50 Buyer : TECHNIK ENGINEERING INDUSTRIES
 Specification : AWS A 5.18 - 05 ER70S-6 Invoice No. : 20160301440
 Issued by : KISWEL LTD. L/C No. : NIL
 Approved by : ABS, KR, LR

Heat/ Lot No	Dimension	Quantity	Chemical Composition of Filler Metal (%)										Mechanical Properties of Deposited Metal							
			S	P	E	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	T/S (N/mm ²)	Y/S (N/mm ²)	EL(%)	N.D.E	I.V.(J) at -30 °C
SA16922	2.4MMX1000MM	2,000.00KG	0.06~ 0.15	0.07	0.80~ 1.15	1.40~ 1.85	0.025 0.025	0.014 0.014	0.035 0.035	MAX 0.50	MAX 0.15	MAX 0.15	MAX 0.15	MAX 0.15	MAX 0.03	MIN 480	MIN 400	MIN 22	ASTM E1032 2-2T LEVEL	MIN 27
					0.84	1.46			0.022	0.17	0.01	0.03	0.004	0.004	595.7	503.9	28.8	GOOD	135.4	

FILLET WELD TEST	Fillet Weld Size			Hydrogen Test		Bend Test	
	L1 : Difference Between Fillet Weld Legs	L2 : Throat Thickness	L3 : Throat Thickness	- ml/100g	Convex/Concave	Convexity	Weidability
AC H							
AC V							
AC OH				NOT REQUIRED			
DC () H							
DC () V							
DC () OH							
Packing	GOOD						
Other	-						

It is hereby certified, on the basis of the strict control carried out in accordance with the specification, that the product supplied has fully met the items required in the specification, and that no significant change has been made when tested.

Assured by : **W.S. HWANG**
 Manager of QA Team / W.S. HWANG

