TOKO GROUP LIMITED
田 信 集 团 有 限 公 司
QUALITY CERTIFICATION FOR WELDING WIRE
药 芯 焊 丝 质 量 证 明 书

Customer: ____/_____ Batch No.:16056 P/I No.：TOKO20160428C

Brand: FLUX CORED WIRE AWS A5.20 E71T-1 Size:1.6mm Weight: 53760KGS

Diameter Variation: ±0.05 mm

Chemical Composition of deposited metal （%）

Item	C	Mn	Si	P	S	Ni	Mo	Cr	V
Standard	≤0.18	≤1.75	≤0.90	≤0.03	≤0.03	/	/	/	/
Test	0.047	1.34	0.42	0.021	0.029	/	/	/	/

Mechanical Properties of Deposited Metal

Item	Yield Point σs （MPa）	Tensile Strength σb （MPa）	Elongation δ5 （%）	Charpy V-notch Impact Toughness		
				Test Temp. （℃）	Impact Energy （J）	Average （J）
Standard	≥400	≥480	≥22	-20	≥27	
Test	520	580	26	-20	105 100 98	101

Non-destructive testing: PASS Fillet weld test: PASS

Classification: AWS A5.20 E71T-1C

This product has been approved by ABS, CCS, DNV, LR, GL, BV, NK, KR, RINA,RS for 3YSH5。

It certify this products comply with the standard。

Inspector: Quality Director:

Date: 2016-6-16