




INSPECTION CERTIFICATE
EN 1024 3.1

AMERICAN WIRE RESEARCH CO. LTD
1005 AIRBRAKE AVENUE
Wilmerding PA, 15148

Customer	INVENTORY STOCK MATERIAL		Commodity	KFX-71T	Mfg. Date: 1/30/15	Lot No	15010009-00								
Specification & Classification	AWS A5.36 E71T-1M		Dimension	1.2 mm	Issue Date: 04/24/15	Certificate No.	150424-2								
Weld Metal Chemical Composition (%)															
Element	C	Min	Si	P	S	Cu	Ni	Cr	Mo	V					
Requirement	.12 max	1.75 max	0.90 max	0.03 max	0.03 max	0.35 max	0.50 max	0.20 max	0.30 max	0.08 max					
Test Result	0.05	1.42	0.33	0.02	0.01	0.03	0.03	0.05	0.01	0.01					
Category	Tensile Test					Impact Test									
	Yield* Strength MPa	400 min	NS	Yield** Strength MPa	490 - 660	22 min	NR	Reduction of area %	66	Moisture %	Diffusible Hydrogen ml/100DM(AVE.)				
Metal requirement	609 MPa	NS	648 MPa	NS	26	66	66	27 min.	94	97	100	92	105	AV 97	
Test Result	609 MPa	NS	648 MPa	NS	26	66	66	27 min.	94	97	100	92	105	AV 97	
Bend Test	Face	N/R	N/R	Hardness Test	N/R	N/R	ACCEPTABLE	N/R	N/R	N/R	Heat Number				
	Root	N/R	N/R	Fillet Weld Test	N/R	N/R	ACCEPTABLE	N/R	N/R	N/R	Heat Number				
We hereby certify that his report is correct and that all test results are in compliance with the specification described herein. The material described above is free irradiation and free of mercury.												Remarks: *0.2offset **LowerYieldpoint NS=notspecified M21=Ar+20-25%CO2			
Manager of Quality Assurance 												SAMPLE TEST REPORT			