

# PARWELD LTD

## CERTIFICATE OF ANALYSIS

Customer: PARWELD LTD

Batch No.: 19019

Order No.: 219

Brand: FLUX CORED WIRE AWS A5.20 E71T-GS

Size: φ 0.9mm

Weight: 500 kgs

Diameter Variation: ±0.05 mm

INV. NO.: 19FCW-002A

Chemical Composition of deposited metal (%)

Item	C	Mn	Si	P	S	Cr	Ni	Mo	V	Al	Cu
Standard	≤0.30	≤1.75	≤0.60	≤0.03	≤0.03	≤0.20	≤0.50	≤0.30	≤0.08	≤1.8	≤0.35
Test	0.19	0.37	0.30	0.008	0.006	0.02	0.011	0.02	0.003	1.21	0.01

Mechanical Properties of Deposited Metal

Item	Yield Strength ReL (MPa)	Tensile Strength Rm (MPa)	Elongation A5 (%)	Charpy V-notch Impact Toughness		
				Test Temp. (°C)	Impact Energy (J)	Average (J)
Standard	≥390	490-670	≥20	/	/	/
Test	470	560	22.5	/	/	/

Non-destructive testing: PASS

Fillet weld test: PASS

Classification: AWS A5.20 E71T- GS

It certify this products comply with the standard.

Inspector: Zhang Hongmei

Quality Director: Ma Xuehui

Date: 2019-03-28

