Test Certificate: **104599**

To:
PARWELD LIMITED
BEWDLEY BUSINESS PARK
LONG BANK
BEWDLEY
WORCS
DY12 2TZ

Date: 26/07/2019

Order No: 21890

Advice Note No: 53626

Material:
ER70S-2
1.6mm
TIG x 5KG

Quantity, KG:
40

Cast No: 390493

Specification:
AWS A5.18/A5.18M: ER70S-2
BS EN ISO 636-A: W 46 2 2Ti

Chemical Analysis EN 10204: 3.1

C	Si	Mn	P	S	Cr	Ni	Mo	Fe	Cu *
0.07	0.54	1.13	0.003	0.014	0.09	0.07	0.01	Bal	0.03

W	Nb	Al	V	Ti	Co	Pb	Sn	B	As
	0.001	0.131	0.006	0.088	0.0010	0.001	0.001	0.0010	0.001

Zr	Ta	Sb	N	Bi	Zn	Mg	Be	Ce	Ca
0.062	0.001	0.0010							

Ag	Ga	Y				X Factor	FN-WRC	OE **	TOE **
								< 0.05	< 0.15

* Copper excluding copper coating. ** Other elements individual. *** Other elements total.

Mechanical properties of pure weld metal EN ISO 15792-1 test report EN 10204: 2.2

	PWHT	Rp0.2 %		Rm		A5		Av	
TYPE		Min	Result	Min	Result	Min	Result	Min	Result
	°C/hr	MPa	MPa	MPa	MPa	%	%	J @ °C	J @ °C
TIG	AW	≥ 460	642	≥ 530	693	≥20	22	≥47 @ -20	95 @ -20

Certified that the product(s) detailed hereon have been inspected and tested in accordance with the conditions and requirements of the purchase order and unless otherwise noted conform in all respects to the specifications relevant thereto.

Signed: