PowerWeld
Excellence in Welding

Leeden Powerweld Sdn Bhd (142031-X)

(Manufacturer of Welding Consumable)
SST New Registration No: 198501009580
168, JALAN USAHA 12, KAWASAN PERINDUSTRIAN AYER KEROH, 75450 MELAKA, MALAYSIA
TEL: (606) 232 3288 / 232 3286 TEL: (606) 232 8161 (Account Dept) FAX: (606) 232 3200 / 232 3298
Email: info@power-weld.com Website:www.power-weld.com

INSPECTION CERTIFICATE

Prepared In Accordance With EN 10204 3.1

Customer	Product	Size	Batch No	Specifications	Date of Issue	05/03/2025
TECHNO-WELDING LTD	ALLOY STEEL WIRE ER70S-6	0.8MM/5.0KG	25010178	AWS A5.18 ASME SFA-5.18 ER70S-6	INVOICE NO : 010/TWL/24	

TYPICAL CHEMICAL COMPOSITIONS (%)

Element		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V			
Requirement	MAX (%)	0.15	1.15	1.85	0.025	0.035	0.15	0.15	0.15	0.50	0.03			
	MIN (%)	0.06	0.80	1.40	-	-	-	-	-	-	-			
Test Result		0.085	0.85	1.44	0.015	0.03	0.006	0.016	0.001	0.05	0.01			

Category	Typical Tensile Test of Deposited Metal			Typical Impact Test							
	Yield Strength (N/mm²)	Tensile Strength (N/mm²)	Elongations (%)	Test Temp (°C)	Charpy V-Notch Absorbed Energy J (AVG)				Hardness Test (HRC)	Ferrite Number (WRC-1992)	Diffusible Hydrogen mL/100gDM (AVG)
Requirement	Min 400	Min 490	Min 22	-30	Min 27				NA	NA	NA
Test Result	484	574	23	-30	108	113	116	(112)	NA	NA	NA

This company had certified the ISO:9001:2015 Quality Management System.
We hereby certify that this report is correct and all test results are in compliance with the specification described herein.

ISO 9001:2015
CERTIFICATE NO
100CN200108777-1

Quality Assurance

QUINEEY HO

LEEDEN POWERWELD SDN. BHD. (142031-X)

Remarks:
NA=Not Applicable

HS CODE : 7229.20
GOODS IN TRANSIT TO UKRAINE

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Customer	Product	Size	Batch No	Specifications	Date of Issue	05/03/2025
TECHNO-WELDING LTD	ALLOY STEEL WIRE ER70S-6	1.0MM/5.0KG	25010178	AWS A5.18 ASME SFA-5.18 ER70S-6	INVOICE NO : 010/TWL/24	

TYPICAL CHEMICAL COMPOSITIONS (%)

Element		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V			
Requirement	MAX (%)	0.15	1.15	1.85	0.025	0.035	0.15	0.15	0.15	0.50	0.03			
	MIN (%)	0.06	0.80	1.40	-	-	-	-	-	-	-			
Test Result		0.085	0.85	1.44	0.015	0.03	0.006	0.016	0.001	0.05	0.01			

Category	Typical Tensile Test of Deposited Metal			Typical Impact Test							
	Yield Strength (N/mm²)	Tensile Strength (N/mm²)	Elongations (%)	Test Temp (°C)	Charpy V-Notch Absorbed Energy J (AVG)				Hardness Test (HRC)	Ferrite Number (WRC-1992)	Diffusible Hydrogen mL/100gDM (AVG)
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Customer	Product	Size	Batch No	Specifications	Date of Issue	05/03/2025
TECHNO-WELDING LTD	ALLOY STEEL WIRE ER70S-6	1.2MM/5.0KG	25010178	AWS A5.18 ASME SFA-5.18 ER70S-6	INVOICE NO : 010/TWL/24	

TYPICAL CHEMICAL COMPOSITIONS (%)

Element		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V			
Requirement	MAX (%)	0.15	1.15	1.85	0.025	0.035	0.15	0.15	0.15	0.50	0.03			
	MIN (%)	0.06	0.80	1.40	-	-	-	-	-	-	-			
Test Result		0.085	0.85	1.44	0.015	0.03	0.006	0.016	0.001	0.05	0.01			

Category	Typical Tensile Test of Deposited Metal			Typical Impact Test							
	Yield Strength (N/mm²)	Tensile Strength (N/mm²)	Elongations (%)	Test Temp (°C)	Charpy V-Notch Absorbed Energy J (AVG)				Hardness Test (HRC)	Ferrite Number (WRC-1992)	Diffusible Hydrogen mL/100gDM (AVG)
Requirement	Min 400	Min 490	Min 22	-30	Min 27				NA	NA	NA
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TECHNO-WELDING LTD	ALLOY STEEL WIRE ER70S-6	0.8MM/15.0KG	25010178	AWS A5.18 ASME SFA-5.18 ER70S-6	INVOICE NO : 010/TWL/24	

TYPICAL CHEMICAL COMPOSITIONS (%)

Element		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V			
Requirement	MAX (%)	0.15	1.15	1.85	0.025	0.035	0.15	0.15	0.15	0.50	0.03			
	MIN (%)	0.06	0.80	1.40	-	-	-	-	-	-	-			
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TECHNO-WELDING LTD	ALLOY STEEL WIRE ER70S-6	1.0MM/15.0KG	25010178	AWS A5.18 ASME SFA-5.18 ER70S-6	INVOICE NO : 010/TWL/24	

TYPICAL CHEMICAL COMPOSITIONS (%)

Element		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V			
Requirement	MAX (%)	0.15	1.15	1.85	0.025	0.035	0.15	0.15	0.15	0.50	0.03			
	MIN (%)	0.06	0.80	1.40	-	-	-	-	-	-	-			
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Category	Typical Tensile Test of Deposited Metal			Typical Impact Test							
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TYPICAL CHEMICAL COMPOSITIONS (%)

Element		C	Si	Mn	P	S	Ni	Cr	Mo	Cu	V			
Requirement	MAX (%)	0.15	1.15	1.85	0.025	0.035	0.15	0.15	0.15	0.50	0.03			
	MIN (%)	0.06	0.80	1.40	-	-	-	-	-	-	-			
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