



# CS CO.,LTD.

31-102, JUNAM MAEUL 2-GIL, YANGSAN, GYEONGSANGNAM-DO, KOREA

TEL : 82-51-831-2171

FAX : 82-51-831-2174

Cert No. : F090-24003-01

Date : Nov.21,2024

## MILL TEST CERTIFICATE

ORIGINAL

Customer : KAPTAN CELIK HALAT SAN.VE TIC. A.S

L/C No. : \_\_\_\_\_ Order No. : CSP24-0544

Commodity : GALVANIZED STEEL WIRE ROPE

Construction : 19x7 Grade : 1960

Specification : EN12385-4 Lubrication : A1

Diameter : 9.00 MM Reel No. : 1

Quantity : 1 Reel Length : 1,500 M

Kind of Lay : RHOL Weight : \_\_\_\_\_

### RESULT OF TEST

ITEM	SPECIFICATION			ACTUAL	
Diameter of Rope	9.00 ~ 9.45	mm		9.21	mm
Preforming	GOOD			GOOD	
Length Lay of Wire Rope	Max.	-	mm	54.0	mm
Breaking Strength of Wire Rope	Min.	52.1	kN	58.3	kN
Nominal Diameter of Outer Wire				0.58	mm
Tensile Strength of Wire		1960	N/mm <sup>2</sup>	2048	N/mm <sup>2</sup>
Number of Torsion of Wire	Min.	25	Turns	38	Turns
Weight of Zinc Coating of Wire	Min.	50	g/m <sup>2</sup>	58	g/m <sup>2</sup>

### CHEMICAL ANALYSIS OF WIRE ROD

(%)

Heat No.	C	Si	Mn	P	S	Ni	Cr	Mo
SF81929	0.6300	0.1770	0.4930	0.0126	0.0057			

### REMARKS

\* NON-ROTATING

"Manufactured in accordance with Quality Management System approved to IATF 16949 : 2016, ISO 9001 : 2015"



CS CO., LTD. / Myeong Jin Han  
QUALITY ASSURANCE

Authorized Quality Assurance Personnel