



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. : F090-24003-08

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 : 20.00 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	20.00 ~ 21.00	mm	20.52	mm
Preforming	GOOD			GOOD	
Length Lay of Wire Rope	Max.	-	mm	120.0	mm
Breaking Strength of Wire Rope	Min.	257	kN	309	kN
Nominal Diameter of Outer Wire				1.32	mm
Tensile Strength of Wire		1960	N/mm ²	2036	N/mm ²
Number of Torsion of Wire	Min.	22	Turns	35	Turns
Weight of Zinc Coating of Wire	Min.	90	g/m ²	94	g/m ²

CHEMICAL ANALYSIS OF WIRE ROD

(%)

Heat No.	C	Si	Mn	P	S	Ni	Cr	Mo
SF80145	0.7244	0.1750	0.6310	0.0068	0.0033			

REMARKS

* NON-ROTATING

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



[Signature]
CS CO., LTD. / Myeong Jin Han
QUALITY ASSURANCE

Authorized Quality Assurance Personnel