

# Young Heung Iron & Steel Co.,Ltd.

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## CERTIFICATE OF INSPECTION (MILL TEST CERTIFICATE)

We hereby guarantee that the laboratory tests and inspection results  
of steel wire rope conformed to the specification as per contract :

Customer HOGER ELEVATOR COMPONENT GRAVIT MAKINE SANAYI VE TICARET A.S. Date 2019/03/13  
Reel No./Coil No. 61 - 65 P.O.No.  
Sampling No. 61 Ex.No. 1911110-03

### 1. TYPE & GRADE

Diameter	10.00 mm	Construction	8*19(W)+8*7+1*19
Grade	1370/1770	Lubrication	A-1/A-1
Finish	UNGALV.	Lay	RHRL
Length	1000 M	Specification	EN 12385-5

### 2. TEST RESULT

#### A. Rope

Nominal Diameter of Rope	:	10.0000	mm
Actual Diameter of Rope	:	10.1800	mm
Actual Lay Length of Rope	:	62.4000	mm
Specified Breaking Load	:	55.9	KN
Actual Breaking Load	:	66.7	KN
Preforming Test	:	GOOD	

#### B. Wires

Tensile Strength Test	:	SATISFACTORY
Torsion	:	SATISFACTORY
Weight of Zinc Coating	:	-
Wrapping & Unwrapping Test	:	-
Uniformity of Coating	:	-

### CHEMICAL ANALYSIS OF WIRE ROD

Charge No.					
	C	Si	Mn	P	S
SA38033	0.622	0.186	0.510	0.012	0.013

Remarks \_\_\_\_\_

**ClassNK**



KS

JIS

ABS

KR

Lloyd's

GL

DNV

BV

RINA

*Dae Hwan Cha*

Quality Assurance Manager