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CERT NO. 200306WRU86700

DATE Jun. 24, 2003

### MILL TEST CERTIFICATE

THIS IS TO CERTIFY THAT THE MATERIAL DESCRIBED BELOW WAS MANUFACTURED  
IN ACCORDANCE WITH KISWIRE LTD SPECIFICATION AND APPLICABLE SECTIONS

OF KSD 3514 - 1997 ( C Grade )

TO MESSRS (주)고려기업

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE

35 X 07 (WA) 350M X 15 REEL

NO. 2W5702

NO.

ORDER NO. REEL NO. 1 ~ 15 SAMPLING NO. 1

DIAMETER OF ROPE 22.000 mm TYPE OF CORE

SPECIFIED BREAKING LOAD 370.00 kN SAMPLE BROKE AT 391.00 kN

WT. OF ZINC COATING OF OUTER WIRE MIN. MAX. g/m'

ROPE LAY RHRL LAY LENGTH 135.8 mm

LUBRICATION A-2

#### CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C X 100	Si X 100	Mn X 100	P X 1000	S X 1000
M18988	75	20	78	19	20

DATE OF SAMPLE TEST Jun. 19, 2003

2013. 12. 30  
ENTERING INSPECTOR J.Y. KIM  
KISWIRE LTD.



KS



JIS



API



ABS



KR



NK



G.Lloyd's



DNV



LR



BV

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