

JERRY

Reel # K02026X
 K02027X
 PO # 141560

D/S/R DSR WIRE CORP

ORIGINAL

SALES OFFICE: Woosin Bldg. 7F, 645-15, Yeoksam-dong, Gangnam-gu, Seoul, 135-911, Korea

TEL: 82-2-3420-3500, FAX: 82-2-3420-3600, E-mail: sales@dsrcorp.com, http://www.dsrcorp.com

FACTORY: TEL: 82-61-752-0121, FAX: 82-61-753-0122

MILL TEST CERTIFICATE / CERTIFICATE OF INSPECTION

Certificate No: 200411-4753-8

Date: NOV. 02. 2004

Purchaser: SOUTHWEST WIRE ROPE, INC.

P.O.No: 141560P2

Reel No/Coil No: 13-14

L/C No: P/I NO : AC4753P2

Invoice No: AC4753P2

1. TYPE & GRADE

Construction: 6X25(FI)+IWRC	Coating: GALVANIZED
Diameter: 5/8 INCH	Grade: EIPS
Length: 5,000 FT x 2R/L	Lay: RHRL
Specification: FS.RR-W-410D	Lubrication: DRY LIGHT OIL

2. ROPE TEST RESULTS

Item	Nominal or Specified	Actual
Diameter	5/8 INCH	0.644 INCH
Breaking Strength	41,200 LBS	43,260 LBS
Lay Length	MAX 4 17/32 INCH	3 63/71 INCH
Preforming	GOOD	GOOD

3. WIRE TEST RESULTS

Item	Nominal or Specified	Actual
Diameter	0.0401 INCH	0.0401 INCH
Tensile Strength	282,000 PSI	279,810 PSI
Torsion	23	40
Weight of Coating	0.20 OZ/FT ²	0.30 OZ/FT ²

We hereby certify that the above results are true and correct in every detail.

CHEMICAL ANALYSIS OF WIRE ROD

Name of Supplier: POSCO

Charge No	Chemical Composition(%)				
	C	SI	Mn	P	S
X 95396	0.71	0.19	0.50	0.015	0.005

Reel # K011203X
K011204X
 PO # 141090

DSR DSR WIRE CORP

ORIGINAL

SALES OFFICE : Woosin Bldg. 7F, 648-15, Yeoksam-dong, Gangnam-gu, Seoul, 135-911, Korea
 TEL : 82-2-3420-3500, FAX : 82-2-3420-3800, E-mail : sales@dsrcorp.com, http : //www.dsrcorp.com

FACTORY : TEL : 82-61-752-0121, FAX : 82-61-753-0122

MILL TEST CERTIFICATE / CERTIFICATE OF INSPECTION

Certificate No: 200410-4746-7 Date: OCT. 05. 2004
 Purchaser: SOUTHWEST WIRE ROPE, INC. P.O.No: 141090P3
 Reel No/Coll No: 34-35 L/C No: P/I NO : AC4746P3
 Invoice No: AC4746P3

1. TYPE & GRADE

Construction: 6X25(FI)+IWRC	Coating: GALVANIZED
Diameter: 5/8 INCH	Grade: EIPS
Length: 5,000 FT x 2R/L	Lay: RHRL
Specification: FS.RR-W-410D	Lubrication: DRY LIGHT OIL

2. ROPE TEST RESULTS

Item	Nominal or Specified	Actual
Diameter	5/8 INCH	0.644 INCH
Breaking Strength	41,200 LBS	43,180 LBS
Lay Length	MAX 4 17/32 INCH	3 63/71 INCH
Preforming	GOOD	GOOD

3. WIRE TEST RESULTS

Item	Nominal or Specified	Actual
Diameter	0.0401 INCH	0.0401 INCH
Tensile Strength	262,000 PSI	279,410 PSI
Torsion	23	40
Weight of Coating	0.20 OZ/FT2	0.30 OZ/FT2

We hereby certify that the above results are true and correct in every detail.

CHEMICAL ANALYSIS OF WIRE ROD

Name of Supplier: POSCO

Charge No	Chemical Composition(%)				
	C	SI	Mn	P	S
X 95689	0.64	0.2	0.52	0.016	0.004