

ORIGINAL

DSR DSR WIRE CORP

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3241RC5872

MILL TEST CERTIFICATE / CERTIFICATE OF INSPECTION

Certificate No:	200511-9058-1	Date:	NOV. 10. 2005
Purchaser:	GEMMA INT'L IMPORT LTD.	P.O.No:	1635
Reel No/Coil No:	1	L/C No:	P/I NO : BC9058
		Invoice No:	BC9058

1. TYPE & GRADE

<RASMUSSEN P.O.NO : 905-3408RC>

Construction:	6X26(WS)+IWRC	Coating:	BRIGHT
Diameter:	2 INCH	Grade:	EIPS
Length:	6,000 FT	Lay:	RHRL
Specification:	FS.RR-W-410E	Lubrication:	C-1

2. ROPE TEST RESULTS

Item	Nominal or Specified	Actual
Diameter	2 INCH	2.060 INCH
Breaking Strength	396,000 LBS	402,777 LBS
Lay Length	MAX 13 1/2 INCH	13 13/40 INCH
Preforming	GOOD	GOOD

3. WIRE TEST RESULTS

Item	Nominal or Specified	Actual
Diameter	0.1475 INCH	0.1475 INCH
Tensile Strength	240,000 PSI	250,410 PSI
Torsion	12	29
Weight of Coating	-	-

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
SA 22429	0.79	0.22	0.76	0.011	0.003

Quality Management Dept.


Chief Inspector


Comment : Manufactured in accordance with Quality Management System approved to ISO 9001 : 2000

DATE: 5/30/2006
 CUST: KRS Marine
 CUST. PO#: VerBel
 CUT LENGTH: 1X26000 FT Touchline
 EQUIP. NAME: N/A
 EQUIP. USE: Touchline
 RAS W#: 180703
 With New closed socket Attached



MISCELLANEOUS SURVEY REPORT

3241RC5872

SURVEY OF:		
ONE(1) REEL OF BRIGHT STEEL WIRE ROPE		
Report No.: BK659725	Date: 23 November 2005	Port: Busan, Korea
Vessel's Name: -	ABSIDVID/CID: -	
Manufacturer: DSR WIRE CORP	Mfg.No.: BC9058	
Purchaser/Builder/S.Y.: GEMMA INT'L IMPORT LTD.	PO No.: 1635(905-3408RC)	
Location: -	Rating (WPA/HP/KW): -	
Serial Number: REEL NO.: 1	Weight: 44,340.00 LBS	Test Pressure: -
Material Test Report No.: -	Service Use: -	
Drawing No. -	Date Approved:	ABS Markings ®REPORT NO. & DATE
<p>THIS IS TO CERTIFY that the undersigned Surveyor to this Bureau attended for the above survey and reports as follows:</p> <p>Process of Manufacture : Extra Improved Plow Steel Construction : 6x26(WS)+IWRC, Right Hand Regular Lay Length of one reel : 6,000FT x 1R/L Nominal dia. of wire : 0.1475 Inch Nominal dia. of rope : 2 Inch Actual breaking load : 402,777 Lbs Specified breaking load : 396,000 Lbs</p> <p>Details of Test :</p> <p>Preforming test : Satisfactory Tensile strength test : Satisfactory Torsion test : Satisfactory Wrapping test : Satisfactory Reverse bending test : Satisfactory</p>		
 Ho-Kyoung Kim, Surveyor, American Bureau of Shipping		_____ Surveyor, American Bureau of Shipping
(if additional space is required, use other side of this form)		

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