

LAB# 782441

D | S | R DSR WIRE CORP

ORIGINAL

SALES OFFICE : 7th floor, 145, Teheran-ro, Gangnam-gu, Seoul, Korea
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MILL TEST CERTIFICATE / CERTIFICATE OF INSPECTION

Certificate No : 202006-4038P2-1

Date : Jun. 09. 2020



P.O No : 57045494

L/C No. : P/I NO :QC4038P2

Invoice No : QC4038P2

1. TYPE / GRADE

Construction : 6XWS(36)+HWRC
 Diameter : 2 INCH
 Length : 5,000 FT
 Specification : FS-RR-W410H

Coating : GALVANIZED
 Grade : EEIP
 Lay : RHRL
 Lubrication : B-1

2. ROPE TEST RESULTS

Items	Norminal or Specified	Actual
Diameter	2 INCH	2.034 INCH
Breaking Strength	434,000 lb	459,650 lb
Lay Length	MAX. 368 MM	330 MM
Preforming	Good	Good

3. WIRE TEST RESULTS

Items	Norminal or Specified	Actual
Diameter	0.1154 INCH	0.1154 INCH
Tensile Strength	248,000 PSI	263,126 PSI
Break Force	2,593 LBS	2,751 LBS
Torsion	16	37
Weight of Coating	0.40 OZ/FT2	0.51 OZ/FT2

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

CHEMICAL ANALYSIS OF WIRE ROD

COUNTRY OF ORIGIN : KOREA

Name of Materials Supplier : POSCO

Charge No.	Chemical Composition (%)				
	C	Si	Mn	P	S
SA 49212	0.82	0.20	0.48	0.012	0.008

Approval or Inspection Possiblity



Work Order: 4288890-A
First Visit Date: 22-May-2020
Last Visit Date: 25-May-2020
Vendor PO Number: N/A
Survey Location: Suncheon, Korea

Found

1. Product: One(1) Reel of Galvanized Steel Wire Rope

2. Specification: ES-RRW/410H

4. Part No: 07043094

5. ABS Marking: AB 4288890

6. Mfg. No: QC4038

7. Reel No: 7

8. Total Weight: 36,950.00 LBS

9. Process of Manufacture: Extra Extra Improved Plow

10. Construction: 6 x WS(36) + IWRC, Right Hand Regular Lay

11. Length of One Reel: 5,000 FT x 1 R/L

12. Nominal Dia. of Wire: 0.1154 Inch

13. Nominal Dia. of Rope: 2 Inch

14. Minimum Breaking Load: 434,000 LBS

15. Actual Breaking Load: 459,650 LBS

16. The following test results were reviewed by the attending Surveyor in accordance with proposed above Specification;

- a) Tensile Strength Test
- b) Torsion Test
- c) Wrapping Test
- d) Zinc Coating Test

Closing Paragraph:

The component/equipment was surveyed in accordance with the Rules, specifications, and approved drawings, as applicable, and is eligible for installation on board an ABS classed vessel subject to satisfactory installation and testing, as necessary.

Attending Surveyor(s):

Jo, Hyun Seok

Signed-off Date: 25-May-2020

Reviewing Surveyor(s)

Work Order Reviewer: Im, Gwan-Jin
Work Order Credit Date: 25-May-2020