

UNITED STATES OF AMERICA

MARITIME COMMISSION



Number _____ Out of _____

CERTIFICATE OF TEST OF WIRE ROPE

Issued By Makers Or By Private Testing Establishment

Name and address of makers Columbia Steel Co.

Diameter of rope in inches 2 1/2" (GALV.) REEL No- 6882

Number of strands 6

Number of wires per strand 19

Lay..... Regular

Quality of wire
(i.e. Best plough steel).. Galv. Monitor

Breaking tensile load of
sample of rope 472,000 lbs. per sq. in.

Ultimate tensile strength
of individual wires

Twisting of individual
wires test Without breaking individual wires, maybe twisted around themselves at least 8 times, then untwisted & straightened.

Date of test..... 9-26, 1944

Safe working load subject to any qualifying conditions such as;
Minimum sheave diameter, direct tensile load etc. 442,800 Min. 8/5

Name and address of firm or person making test...

Columbia Steel Co. Pittsburg California.
Name Address

I Hereby Certify that the above particulars are correct.

Signature Edward C. Singer

Date Jan 13, 1945

Wire rope supplied to-

Bethlehem-Alameda Shipyard, Inc.

Alameda, California

To be used for-

UNITED STATES OF AMERICA

MARITIME COMMISSION



Number _____ Out of _____

CERTIFICATE OF TEST OF WIRE ROPE

Issued By Makers Or By Private Testing Establishment

Name and address of makers COLUMBIA STEEL CO

Diameter of rope in inches 3/4" (Black) Reel No-6815

Number of strands 6

Number of wires per strand 19

Lay..... REGULAR

Quality of wire
(i.e. Best plough steel).. MONITOR

Breaking tensile load of
sample of rope 52,000 ~~lbs. per sq. in.~~

Ultimate tensile strength
of individual wires

Twisting of individual
wires test Without breaking individual wires may be twisted around themselves at least 8 times, then untwisted & straightened.

Date of test..... 9-26, 1944

Safe working load subject to any qualifying conditions such as;
Minimum sheave diameter, direct tensile load etc. 47,400 Min. B/s

Name and address of firm or person making test...

COLUMBIA STEEL CO. PITTSBURGH CALIFORNIA.
Name Address

I Hereby Certify that the above particulars are correct.

Signature Edward C. KinyonDate Jan 13, 1945

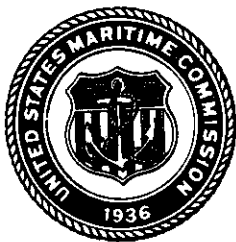
Wire rope supplied to-

To be used for-

Bethlehem-Alameda Shipyard, Inc.Alameda, California

UNITED STATES OF AMERICA

MARITIME COMMISSION



Number _____ Out of _____

CERTIFICATE OF TEST OF WIRE ROPE

Issued By Makers Or By Private Testing Establishment

Name and address of makers WireRope Corporation of America, New Haven, Conn.Diameter of rope in inches 3/4" GalvanizedNumber of strands 6Number of wires per strand 19

Lay..... _____

Quality of wire
(i.e. Best plough steel).. _____Breaking tensile load of
sample of rope 44100 ~~xxxxxxx~~

Ultimate tensile strength	Large Wire: 255550 psi;	Small Wire: 323500 psi
of individual wires	Large Wire: 250000 psi;	Small Wire: 354800 psi
	Large Wire: 255550 psi:	

Twisting of individual
wires test SatisfactoryDate of test..... January 25, 1945Safe working load subject to any qualifying conditions such as;
Minimum sheave diameter, direct tensile load etc. _____

Name and address of firm or person making test...

HERSEY INSPECTION BUREAU
Name

3405 Piedmont Avenue, Oakland, Cal
Address

I Hereby Certify that the above particulars are correct.

Signature *J. H. Lewis*Date January 26, 1945

Wire rope supplied to-

To be used for-

Bethlehem-Alameda Shipyard, Inc.Alameda, California

UNITED STATES OF AMERICA

MARITIME COMMISSION



Number _____ Out of _____

CERTIFICATE OF TEST OF WIRE ROPE

Issued By Makers Or By Private Testing Establishment

Name and address of makers Columbia Steel Co.Diameter of rope in inches 5/8" (G210) Reel No-7132.Number of strands 6Number of wires per strand 19Lay..... RegularQuality of wire
(i.e. Best plough steel).. MonitorBreaking tensile load of
sample of rope 36,700 ~~lbs. per sq. in.~~Ultimate tensile strength
of individual wiresTwisting of individual
wires test without breaking individual wires, may be
twisted around themselves at least 6 times +
then untwisted + straightenedDate of test..... 12-8, 1944Safe working load subject to any qualifying conditions such as;
Minimum sheave diameter, direct tensile load etc. 30,000 MIN. B/S

Name and address of firm or person making test...

Columbia Steel Co. Pittsburg California
Name Address

I Hereby Certify that the above particulars are correct.

Signature Edward C. KinyonDate Jan 13, 1945

Wire rope supplied to-

To be used for-

Bethlehem-Alameda Shipyard, Inc.Alameda, California