SEATTLE CITY LIGHT

MATERIAL STANDARD

STANDARD NUMBER: **7654.5**
PAGE: 1 of 1
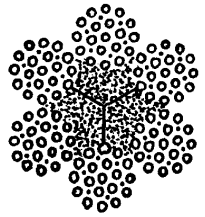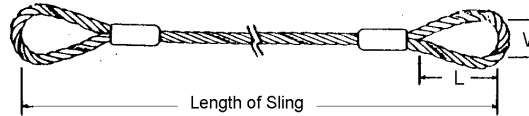DATE: December 7, 1960
REV: August 1, 1995

SLINGS, WIRE ROPE

CROSS SECTION VIEW

Length of Sling

Wire Rope Slings shall be made of wire rope conforming to the requirements of Federal Specification RR-W-410 and ANSI B3Q.9, except as modified herein.

Fabrication. The wire rope shall be Type 1, Class 2, Construction 4, 6 x 19 improved plow steel, with independent wire rope core (IWRC).

Lay. The wire rope shall have right regular lay.

Finish. The wire rope shall have an uncoated finish (bright).

Loop. The sling loops shall be formed by opening the end of the wire rope and laying it back so three strands pass around the loop in one direction and the other three strands, with the independent wire rope core, pass around the loop in the other direction (Flemish splice). The throat of the loop shall have all ends securely compressed under a steel sleeve. Under normal load conditions, the loop shall be free from "bird caging", evidenced by protrusion of the core.

Marking. The manufacturer's name or identifying mark shall be permanently impressed upon the sleeve or upon a permanently attached metal tag.

Approved Manufacturers: (1) B & J Equipment; (2) Broderick-Bascom; (3) West Pacific - WR; (4) N.W. Wire Rope; (5) West Coast - WR; (6) Pacific Industrial Supply.

Stock Number	Rope Diameter Inches	Dimensions			Nominal Breaking Strength Lbs.	One Sling	
		Sling Length Ft.	Loop in Inches			Max Work Load Stra. Pull - Lbs.	Max Work Load Choker Hitch - Lbs.
			W	L			
765420	3/8	2	3	6	13,000	2,450	1,900
765424	3/8	3	3	6	13,000	2,450	1,900
765428	3/8	4	3	6	13,000	2,450	1,900
765432	3/8	5	3	6	13,000	2,450	1,900
765434	3/8	6	3	6	13,000	2,450	1,900
765440	3/8	12	3	6	13,000	2,450	1,900
765454	1/2	3	4	8	23,000	4,300	3,400
765458	1/2	4	4	8	23,000	4,100	3,400
765462	1/2	5	4	8	23,000	4,100	3,400
765464	1/2	6	4	8	23,000	4,100	3,400
765470	1/2	12	6	12	23,000	4,100	3,400

ORIGINATOR	STANDARDS COORDINATOR	STANDARDS SUPERVISOR	UNIT DIRECTOR
Jim S. Horn	*Charles L. Shaffer*	*John E. Skinner*	*Betty Tobin*