

**BELL SYSTEM PRACTICES**  
**Outside Plant Construction**  
**and Maintenance**

**SECTION G85.800.4**  
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**AT&TCo Standard**

## **MANILA ROPE AND BLOCKS**

### **LASHINGS**

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#### **1. GENERAL**

1.01 This section describes methods of lashing and the size of manila rope to be used to hold the various size standard blocks.

1.02 This section has been revised to omit reference to the lashing of ladders which is covered in Sections G85.045.2 and G85.045.3. Other minor changes are also made.

1.03 Lashings are used in making temporary attachments to objects in connection with raising, lowering, hauling or holding a load.

1.04 The knot in a lashing shall be tied in an extra turn taken around the object and never in any of the turns passing through the hook of a block.

#### **2. SAFETY PRECAUTIONS**

2.01 The safety precautions set forth in the section "Rope—General" of this group of practices shall be adhered to.

2.02 Rope which is considered no longer adequate for use in blocks or as pulling line should not be used for lashing.

#### **3. SELECTING SIZE OF ROPE FOR LASHINGS**

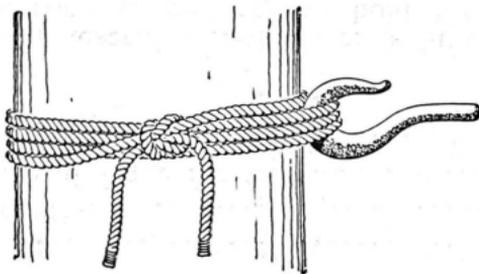
3.01 The rope used for lashing shall be of the size shown in the following table and in good condition.

### Size of Manila Rope Lashings

<u>Size of Block</u>	<u>Required Number of Turns Through Hook of Blocks for Following Sizes of Rope—</u>			
	<u>3/8"</u>	<u>1/2"</u>	<u>5/8" or 3/4"</u>	<u>1"</u>
3 in.—1 sheave.....	2	—	—	—
3 in.—2 sheave.....	3	2	—	—
3 in.—3 sheave.....	4	3	—	—
4 in.—3 sheave.....	—	4	3	—
6 in.—3 sheave.....	—	—	4	3
8 in.—3 sheave.....	—	—	—	4
6 in. snatch.....	—	—	4	3
8 in. snatch.....	—	—	—	4
Wire rope snatch.....	—	—	—	4 ←

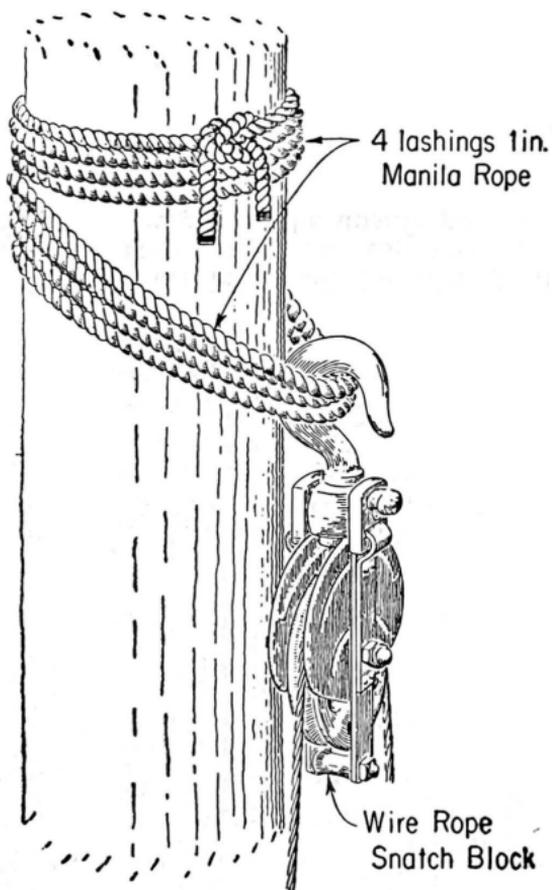
#### 4. LASHING METHODS

4.01 Lashing for holding block used in pulling up strand or where the pull is perpendicular to the axis of the pole.

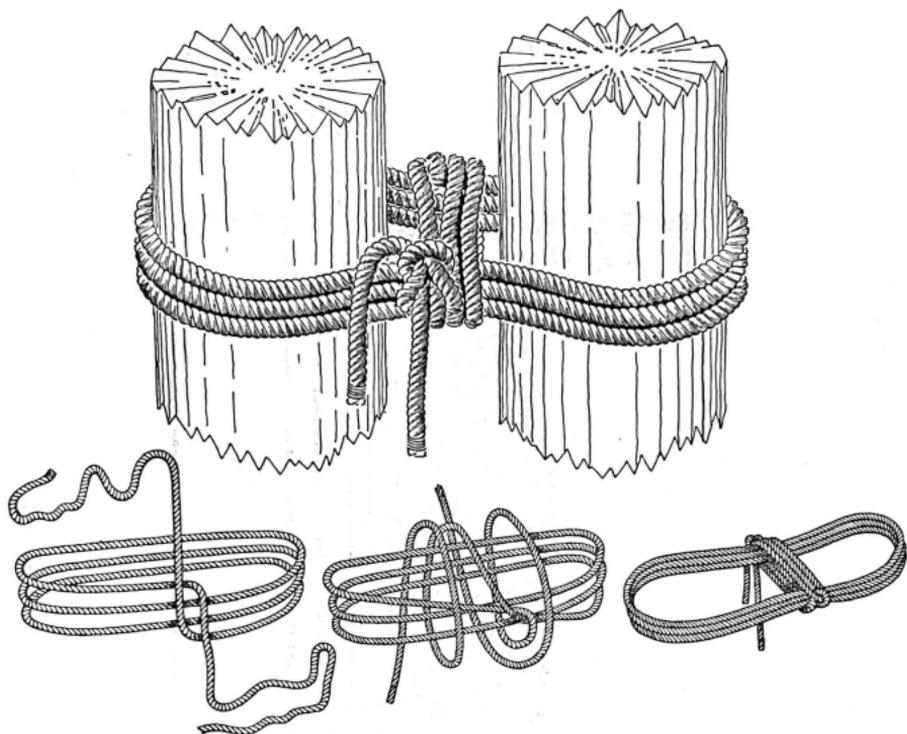


The knot is tied in an extra turn taken around the object and never in any turns passing through the hook. This facilitates later removal of the rope because the knot is not unduly tightened; and it removes the weakest turn of the rope from the greatest stressed area of the lashing.

4.02 Lashing for holding block used in raising equipment cabinets, cross-connecting terminals and loading coil cases or where pull is parallel to the axis of the pole is shown below. The number of turns of rope around the pole shall be the same as the number of turns of rope through the hook of the block.



4.03 Lash poles together at top and bottom with 3/4-inch rope as follows.



4.04 The bottom lashing shall be placed about five feet from the ground and the top lashing not less than three-fourths of the height of the unsafe pole from the ground.