BELL SYSTEM PRACTICES
Outside Plant Construction and Maintenance

SECTION G82.380.1
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AT&T Co Standard

SPLICER'S HANDLINES

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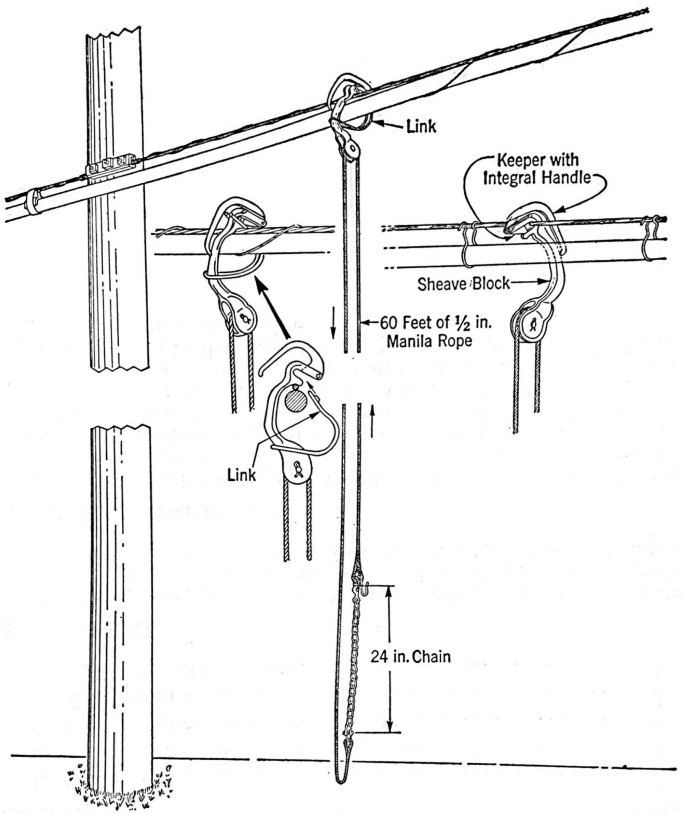
1. GENERAL

1.01 This section covers the description and maintenance of the aerial and underground handlines and outlines the precautions that should be followed in using these handlines.

2. AERIAL HANDLINE

2.01 The aerial handline, which is illustrated on following page, consists of a supporting hook with integral one-sheave block fitted with 60 feet of 1/2-inch manila rope. The supporting hook is shaped to keep clear of the cable and is equipped with a handle which has a keeper at one end to lock the hook to the strand on ring-supported cable. A metal link is provided to avoid disengaging from the strand when the handline is used on lashed cable.

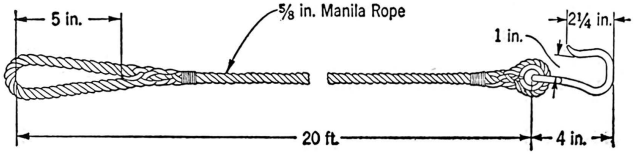


2.02 The rope has a ring spliced into one end and a ring and hook in the other end. The 24-inch length of chain with a clevis at one end and snap hook at the other is used to prevent scorching the rope on hot solder pots when the ends of the rope are attached to make a continuous line for ease in guiding objects being raised.

2.03 The method of installing the handline where the cable is supported by cable rings as well as where the cable is lashed, is illustrated in the above sketch.

3. UNDERGROUND HANDLINE

3.01 The underground handline is illustrated in the following sketch. It consists of 20 feet of 5/8-inch manila rope having an eye splice at one end to facilitate setting up cables and a hook at the other end for use in attaching tools and materials to the handline.



4. PRECAUTIONS

4.01 **Aerial Handline:** When working above or near electric power or trolley feeder wires, care should be exercised in using the aerial handline to avoid making contact with the wires.

4.02 The handline should not be dropped from the pole or strand.

4.03 Do not permit the rope to slip through the hand in lowering a load.

4.04 When the handline is not being used, secure the lower end out of the way of traffic.

4.05 Make sure that the block is properly installed on the strand before the handline is used.

4.06 Whenever practicable, the helper should raise and lower tools and material standing in a position where he can carefully observe the movement of the load to its destination.

4.07 **Underground Handline:** Do not permit the handline to slip through the hands in lowering tools and materials.

4.08 Make sure that tools and materials are securely attached to the handline before tools and materials are raised or lowered.

5. CARE AND MAINTENANCE

5.01 The rope should be inspected before the handline is used to insure that it is in good condition.

5.02 The handlines should not be stored where they will come in contact with hot paraffin or solder pots, kerosene furnace, and sharp edged tools.

5.03 The sheave bearing of the aerial handline should be lubricated occasionally with any commonly used automobile engine oil.