

OPEN WIRE TYING STANDARD, MODIFIED HORSESHOE AND HORSESHOE TIES

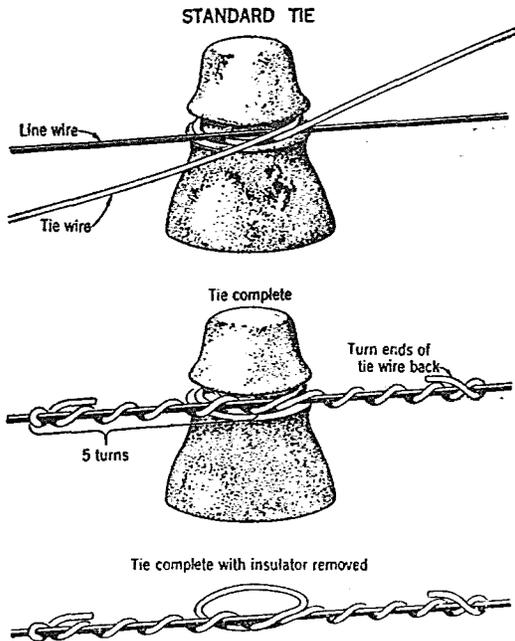
| Contents | Page |
|---------------------------------|------|
| 1. General | 1 |
| 2. Standard Tie | 1 |
| 3. Modified Horseshoe Tie | 1 |
| 4. Horseshoe Tie | 2 |

1. GENERAL

- 1.01 The information in this section was formerly contained in G31.134, Issue 2, which is canceled.
- 1.02 This section describes the methods of making standard, modified horseshoe and horseshoe ties. It prescribes the length of tie wire needed to make the various ties.

2. STANDARD TIE

2.01 Standard ties are made as illustrated in the following:



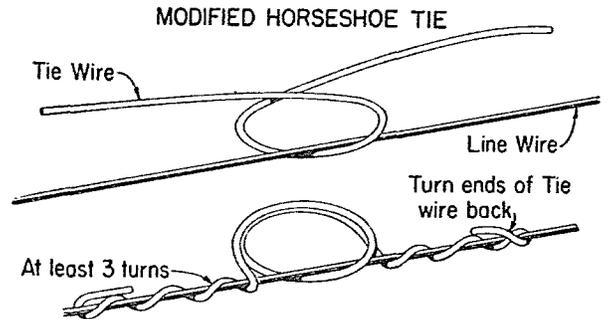
2.02 The following table prescribes the length of tie wire to be used to make standard ties.

| TIE WIRES FOR STANDARD AND MODIFIED HORSESHOE TIES | | | | | | |
|--|------------------------|-------------------|----------|---------------|--------------|---------------|
| LINE WIRE | | TYPE OF INSULATOR | TIE WIRE | | | |
| SIZE | KIND * | | COPPER | | COPPER-STEEL | |
| | | | SIZE | LENGTH INCHES | SIZE | LENGTH INCHES |
| 0 8 0 | COPPER OR COPPER-STEEL | DP | 0 8 0 | 1 9 | 0 8 0 | 1 9 |
| | | ALL OTHERS | 0 8 0 | 1 7 | 0 8 0 | 1 7 |
| 1 0 4 | " | DP | 1 0 4 | 2 1 | 1 0 4 | 2 2 |
| | | ALL OTHERS | 1 0 4 | 1 9 | 1 0 4 | 1 9 |
| 1 2 8 | " | ALL | 1 2 8 | 2 2 | 1 0 4 | 2 2 |
| 1 6 5 | COPPER | ALL | 1 2 8 | 2 4 | 1 0 4 | 2 4 |

* SEE PARAGRAPH 3.03

3. MODIFIED HORSESHOE TIE

3.01 Modified horseshoe ties are made as illustrated in the following:

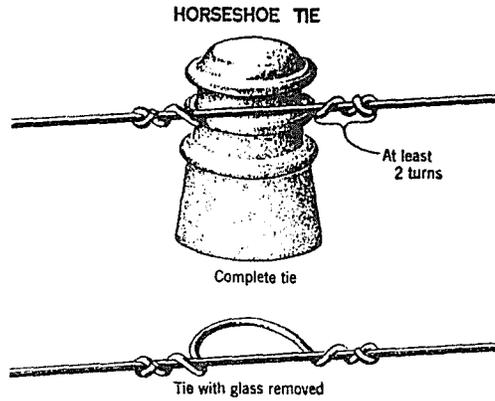


3.02 The length of tie wire needed to make a modified horseshoe tie on the various insulators is the same as the length prescribed for making standard ties. See the table in Paragraph 2.02.

3.03 Steel tie wires for making modified horseshoe ties on steel line wire shall be made by cutting the ties normally used for spiral ties to 21" lengths.

4. HORSESHOE TIE

4.01 Horseshoe ties are made as illustrated in the following:



4.02 The following table prescribes the length of tie wires to be used to make horseshoe ties.

| TIE WIRES FOR HORSESHOE TIES | | | | |
|------------------------------|--------|-------------------|----------------|---------------|
| LINE WIRE | | TYPE OF INSULATOR | STEEL TIE WIRE | |
| SIZE | KIND * | | SIZE | LENGTH INCHES |
| 083 | STEEL | ALL | 083 | 12 |
| 083H | " | " | " | " |
| 109 | " | " | 109 | " |
| 109H | " | " | " | " |
| 109E | " | " | " | " |
| 134 | " | " | 134 | " |
| 134H | " | " | " | " |

* SEE PARAGRAPH 4.03

4.03 Copper or copper-steel tie wires for making horseshoe ties on copper or copper-steel line wire shall be made by cutting the ties normally used for spiral ties to 12" lengths.