

**920.1 REQUIREMENTS**

- A. Steel Posts:** Steel posts shall be painted "T" type studded steel posts complete with anchor plates and fastenings. Reflectorized paint will not be permitted in painting posts. Steel posts shall conform to AASHTO M281 (ASTM A702).
- B. Wood Posts:** Wood posts shall be Douglas Fir (Inter Mountain or Pacific Coast) or Pine (Jack, Lodgepole, Ponderosa, Norway or Southern) from sound seasoned stock. Gate latchposts and stiffeners shall be from the same stock listed above. Wood posts and lumber shall be treated in accordance with the provisions of Section 950. Wood posts shall be stripped of all outer and inner bark prior to receiving treatment.
- C. Barbed Wire:** Barbed wire shall be composed of two main strands of 12½ gage (2.51 mm) wire, with round barbs of 14 gage (2.03 mm) wire. The main strands of wire shall be twisted together in a continuous twist throughout the full length of each roll of wire. Two-point barbs shall be wrapped twice around one main strand at four inch (100 mm) spacings and the four-point barbs shall be interlocked and wrapped around both main strands at five inch (125 mm) spacings. The wire shall be galvanized and shall conform to the requirements of ASTM A 121. The zinc coating on the wire shall be Class I.
- D. Woven Wire:** The vertical stay wires shall be securely welded or fastened to the line wires. The fencing shall be galvanized and shall conform to the requirements of ASTM A 116. The zinc coating on the wire shall be Class I.
- E. Staples and Ties:** Staples shall be the standard type, a minimum of 1¾ inches (44 mm) long, made from 9 gage (3.76 mm) galvanized wire. Ties or clamps for fastening the woven wires or barbed wires to steel posts shall be made from a minimum of 12 gage (2.76 mm) galvanized wire.
- F. Brace Wire:** Diagonal brace wires in panels shall be made from two loops (four strands) of 9 gage (3.76 mm) galvanized wire.
- G. Brace Wrap Wire:** Brace wrap wire shall be two turns of 11 gage (3.05 mm) wire, or three turns of 12½ gage (2.51 mm) wire.