

## STEEL POLE OVERVIEW

### STUDENT QUIZ

1. What types of utilities use steel utility poles?
  - a. Rural Cooperatives
  - b. Investor-owned
  - c. Municipalities
  - d. All of these answers.
  
2. Which of the following is an advantage of a steel pole having consistent dimensions?
  - a. It simplifies hardware selection and bolt length selection.
  - b. A crossarm fits better on the pole.
  - c. A ground wire is not necessary on the pole.
  - d. All of these answers.
  
3. Which of the following is not a finish that is available for steel poles?
  - a. Galvanized
  - b. Dulled and darkened galvanizing
  - c. Paint over galvanized
  - d. Weathering steel
  - e. None of these answers.
  - f. All of these answers.
  
4. What is the advantage of applying polyurethanes on the below-ground section of a steel pole?
  - a. It extends the life of a steel pole.
  - b. It protects the pole during the tamping and backfill process.
  - c. It provides a better surface for handling the pole during the installation process.
  - d. All of these answers.

5. What is the approximate difference in weight of a steel pole compared to a similarly sized wood pole?

- a. Steel poles are 50-55% lighter.
- b. Steel poles are 50-55% heavier.
- c. They are about the same weight.
- d. None of these answers.

6. Steel utility poles expand and shrink considerably due to changing temperature and humidity conditions.

- a. True
- b. False

7. All holes needed on steel poles must be drilled in the field.

- a. True
- b. False

8. In which of the following ways is a steel utility pole a “sustainable” product?

- a. Steel poles contain no toxic chemicals.
- b. Steel poles are manufactured with 75-100% recycled steel.
- c. Steel poles require no preservation retreatments over time.
- d. Steel poles are recyclable at the end of their long service lives.
- e. All of these answers.