

**Landscape & Nursery Career Development Event**  
**Problem Solving Exercise #5 Tree Planting**  
**Time Allowed: 30 minutes**

You are working on a job for a municipality and must follow job specifications carefully. This municipality has had a problem of too many trees dying due to improper planting. The city forester will first test your skills while leaving the tree in the pot. The specifications for this municipality might be different from what you are used to, but you need to demonstrate that you can follow these instructions. You will need to give verbal explanations for root bound conditions and watering. Stake and guy the tree when you are finished planting paying attention to the direction of the prevailing wind.

Study Reference: Plants and Planting in the Landscape Training Manual for Installation Technicians (Chapter 6)

Procedure:

1. Review the drawing of the tree planting detail
2. Plant the tree according to the detail drawing
3. Explain to the judge the proper method of relieving root bound condition
4. Backfill as per detail, use proper backfill compacting practices.
5. Explain proper watering method for new plantings
6. Staking
  - a. Review drawing
  - b. Stake tree according to detail, describe proper stake placement
  - c. Align tree stake in consideration of wind direction
  - d. Use proper safety equipment when staking a tree (hard hat, safety glasses, gloves)
7. Much to specification
8. After judge has observed, remove stakes, wires, ties and plant from hold and re-grade area.