

## Mechanical Drawing: Board & CAD Techniques

### Chapter 16 Pipe Drafting

#### Objectives

1. Describe various types of pipe and explain their uses.
2. Identify pipe connections and fittings.
3. Explain the functions of various valves.
4. Identify various components of a pipe drawing.
5. Prepare basic orthographic pipe drawings and isometric drawings using board drafting and CAD techniques.
6. Prepare a 3D wireframe model of a pipe system using CAD techniques.