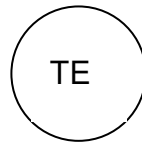


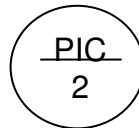
## FG05C - Pre-Instructional Survey

1. What does this symbol mean?



- a. Time element
  - b. Thermal exhaust
  - c. True example
  - d. Temperature element
2. Industries that usually run continuously 24 hours a day, 7 days a week are:
- a. Paper Mills
  - b. Power Plants
  - c. Oil Refineries
  - d. All of the above
3. What is the most common signal level for electronic control systems?
- a. 4-20 mAdc
  - b. 10-50 mAdc
  - c. 3-15 psi
  - d. Fieldbus
4. Which of the following process variables are often measured in continuous process plants?
- a. Flow
  - b. Level
  - c. Temperature
  - d. All of the above
5. What does a process controller usually do?
- a. Compare a set point to process variable
  - b. Develop a corrective signal
  - c. Indicate the value of the process variable
  - d. All of the above

6. Which of the following temperature devices might be used to measure the temperature on the top of a distillation tower for display in a central control room?
- a. Resistance temperature detector
  - b. Temperature bath
  - c. Bimetal thermometer
  - d. Glass thermometer
7. What is the most common final control element in a continuous process plant?
- a. Damper
  - b. Control Valve
  - c. Gate Valve
  - d. Vane
8. Most control valves in continuous process plants are powered by:
- a. Air pressure
  - b. 440 volt DC power
  - c. 110 volt AC power
  - d. Hydraulic fluid pressure
9. Which of the following devices are used to control processes in plants?
- a. PLC
  - b. DCS
  - c. Electronic controllers
  - d. All of the above
10. The following P&ID symbol stands for:
- a. Level transmitter
  - b. Temperature controller
  - c. Pressure indicating controller
  - d. Pressure control valve



## FG05C - Pre-Instructional Survey Answer Sheet

1. d
2. d
3. a
4. d
5. d
6. a
7. b
8. a
9. d
10. c