



Equipment I: Piping, Valves, & Actuators

Valves II



Course Objectives

1. Describe the purpose, function, operation, components, typical application, and P&ID symbol of the following valves:
 - a. Swing check valves
 - b. Lift check valves
 - c. Ball check valves
 - d. Relief valves
 - e. Safety valves
2. Describe in service inspections and other indicators of performance issues.
3. Identify typical valve procedures.



Key Terms (Define the following)

check valves - _____

relief valves - _____

rupture disc - _____

safety valves - _____



Questions

1. _____ valves allow flow in one direction, but not the other direction.
2. List 3 check valves.
 - 1) _____
 - 2) _____
 - 3) _____

3. Explain the purpose of a rupture disc.

4. List some of the differences between relief and safety valves.
