

VALVE BASICS

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

Valves are fundamental to any industry engaged in the transport and regulation of flowing media. The visually engaging and highly interactive THORS Valve Basics course introduces the learners to the diverse world of valves. Under the broad categories of linear motion valves and rotary motion valves, the course offers a comprehensive overview to the construction, classification, working principle, applications, advantages, and limitations of different types of valves.

Credit Hours **2.5**

Learning Objectives

- Classify valves into linear motion valves and rotary motion valves based on the pattern of movement of the closure member.
- Illustrate the various components in a valve.
- Identify subclassifications within the different types of valves.
- Explain the working principle of valves.
- List the applications of different valves.
- Compare the advantages and limitations of each type of valve.

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I. Linear Motion Valves

- **Gate Valve**
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II. Rotary Motion valves

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