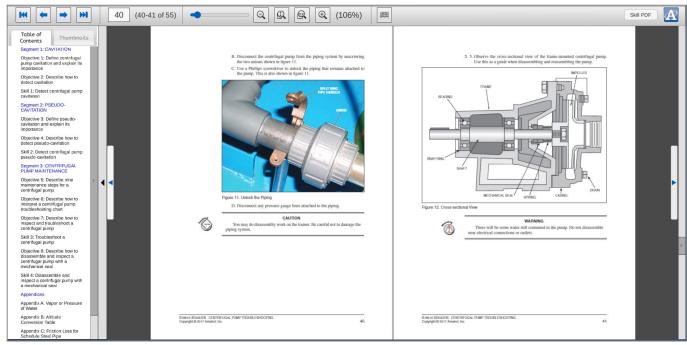
# Pump Systems | eBook Courseware



eBook: E18610

The Pump Systems eLearning curriculum teaches skills related to centrifugal pumps, which are used in almost every industry to transfer non-hydraulic fluids of various types from one place to another. Students learn a comprehensive set of industry-relevant skills including how to operate, install, maintain, troubleshoot, analyze performance, and select centrifugal pumps as well as system design. (References 950-PM1)

## **Teach Pump Systems**

#### **Centrifugal Pump Operation**

Learners begin with an introduction to pumps, pump safety and installation, and pump operation. Individual lessons focus on topics like functions of a pump, six rules of safe dress, and flow vs. pressure characteristics. Learners will also learn industry-relevant skills, such as how to identify pump systems, install a centrifugal pump with a foot mount, and start up a centrifugal pump.

#### **Centrifugal Pump Characteristics**

Learners will study the characteristics of centrifugal pumps, including pump flow rate measurement and head concepts. Individual lessons focus on topics like three methods of measuring pump flow rate, converting between units of head and pressure, and how to use a throttle control valve to adjust flow rate. Learners will also study industry-relevant skills, such as converting mass and volumetric rate flow, using a flow meter, and measuring total head for a centrifugal pump.

#### **Interactive Multimedia**

### In-Depth, Comprehensive Pump Systems Curriculum Connected to Real-World Skills

Amatrol's eLearning curriculum is unique in that it thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills.

<u>Address</u>

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